

E D I T I O N 2 5

  
COLLINGWOOD  
LIGHTING

# COLLINGWOOD FOUNDED IN 1901

A BRITISH DESIGNER AND MANUFACTURER OF LED LIGHTING PRODUCTS

Collingwood started designing innovative LED lighting products in 2002. We pride ourselves on creating beautifully designed products that are easy to install and highly energy efficient. Using top quality materials, our products come with long warranties and are backed up by our expert UK based customer service team. With a next day delivery policy, we are always prepared to go the extra mile to ensure our customers receive excellent service and superior quality products.

It's this switched-on philosophy that has led us to introduce many firsts to the LED lighting market.

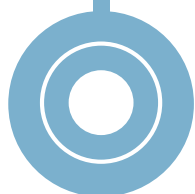
## FIRST TO DESIGN AND MANUFACTURE

LED lighting products for the UK electrical wholesale market



## FIRST OUTDOOR LED PRODUCTS

Produce sealed for life outdoor LED lighting products



## FIRST TO PRODUCE 100% WATERPROOF

Sealed for life, 100% waterproof, inground LED lighting products



## FIRST FOR FIRE RATED DOWNLIGHTS

First to produce a fit for purpose, high performance, fire-rated LED downlight

EXTENDED WARRANTY:



Collingwood Lighting now offers 3, 4, 5 & 7-year extended warranties on all products carrying the G3, G4, G5 or G7 symbol.

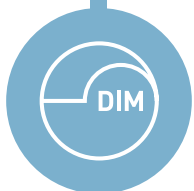
You can register online by visiting [collingwoodlighting.com](http://collingwoodlighting.com) or by contacting the sales team on 01604 495151. A full list of eligible products can also be found on our website. All applications, once accepted and processed will receive confirmation and a unique reference number in the event of a claim.



**FIRST TO  
PRODUCE  
MAINS  
DIMMABLE**  
LED downlights

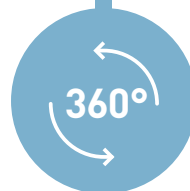


**FIRST TO CREATE A  
360° DOWNLIGHT**  
Produce a fire, acoustic  
and moisture-rated 360°  
spherical style downlight



**FIRST TO COMPLY  
WITH BUILDING  
REGULATIONS**

First to produce an LED  
downlight that complies  
with all building  
regulations



**FIRST TO OFFER  
EXTENDED  
WARRANTY**

Offering a 7-year  
extended warranty

All products come with a guarantee for 12 months from purchase, unless otherwise stated. Any modifications made to our products may invalidate the warranty.

**WARNING:** Do not install LED units into wood which has been treated with creosote, e.g. old railway sleepers. Creosote fumes can permeate the silicon seals and damage the LEDs. All specifications are believed to be valid at time of going to print and are subject to change without notice. Allow for a  $\pm 5\%$  tolerance on all photometric data. Whilst we try to ensure accurate colour representation, please be aware that the photographic/printing process may sometimes alter colours. Errors and omissions excepted.

Any variations to specifications and full details of conditions of sale can be obtained by contacting us at:

**t** +44 (0)1604 495 151 **f** +44 (0)1604 495 095 **e** [sales@collingwoodgroup.com](mailto:sales@collingwoodgroup.com)

©2008 Copyright in this catalogue belongs to Collingwood Lighting Limited.

Material within this catalogue may not be used, sold, licensed, copied or reproduced in whole or in part or in any manner of form or otherwise without the written consent of Collingwood Lighting Limited.

The products shown are protected by various intellectual property rights including Community Registered Design and UK and Community Unregistered Designs.

Any copying, hiring, lending, public performance, diffusion, transmission and/or broadcast of this catalogue or any part thereof is strictly prohibited and may give rise to civil liabilities and criminal prosecution.

# Contents

## 04

### Introduction

04	An introduction to Collingwood
06	New products
14	Coming soon
18	Collingwood drivers
19	Pictorial contents
26	Inspiration

## 76

### Residential Lighting

78	Residential downlights
112	Architectural downlights
130	Decorative wall lights and under shelf lighting

## 150

### Commercial Lighting

152	Commercial downlights
158	Retail lighting

## 174

### Landscape Lighting

180	Ground lights
222	Step lights
232	Wall lights
252	Pond lights
258	Façade lights
274	Spike lights
282	Bollards

**292**

298

304

## Strip Lighting

Strip lights - profiles and accessories

LED strip

**326**

328

## Floodlights

Floodlights

**336**

339

340

## Bulkheads

Bulkhead - bezels

Bulkheads

**342**

344

352

360

370

## Lighting Controls

Wiring and drivers

Driver comparison

Colour change

Colour change - accessories

**372**

374

## Accessories

Accessories

**376**

376

378

383

396

## Information

Explanation of terms

Information

Product range index

Alphabetical index

# AN INTRODUCTION TO COLLINGWOOD

**We design and manufacture innovative, high quality LED lighting products.**

We are designers and makers – insightful, agile and inventive. We are committed to seeking the most effective way of doing things, to making brilliant products, to deliver outstanding service and to be the first and best choice for our customers.

At Collingwood Lighting, our drive and determination to provide excellence for our customers pushes us to challenge the boundaries of the lighting industry. We believe that each stage of the lighting process is crucial to creating awe-inspiring lit environments and dedicate ourselves to each step.



**Design and  
planning**



**Streamlining  
installation**



**Customer care  
excellence**

## Design and planning

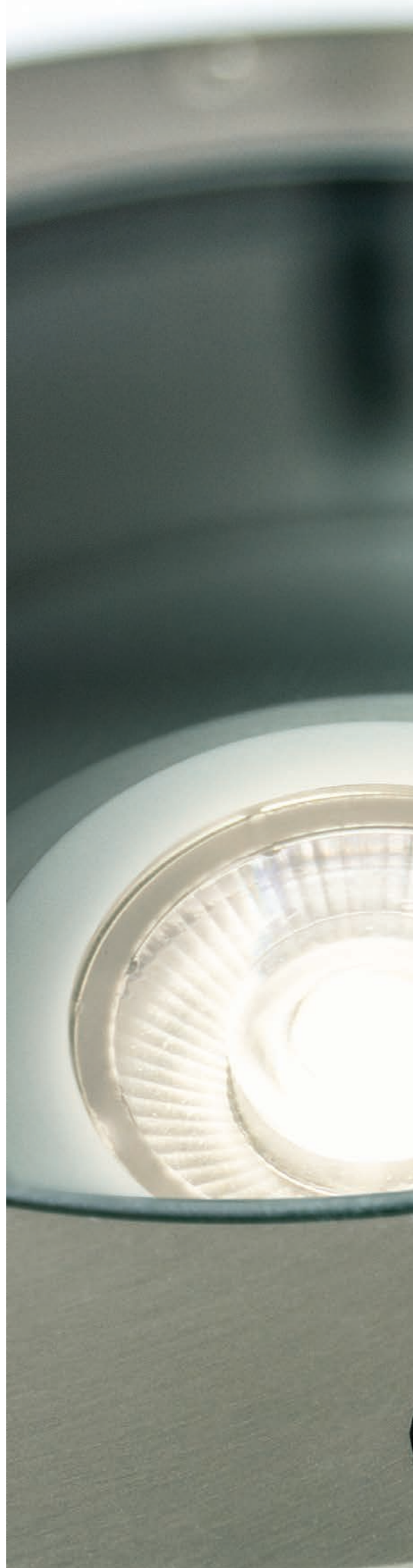
From the outset, we collaborate with our customers to design beautifully lit, energy efficient spaces. We provide a wealth of resources to aid in maximising the potential of any space including case studies, guides and an exceptional lighting design team.

## Streamlining installation

We regularly develop innovative solutions to make the installation of our products quicker and easier for our customers and their teams. From our team of engineers improving every aspect of our products through to video guides, customer training and a highly skilled sales and technical team, we aim to make the installation as streamlined as possible.

## Customer care excellence

We know that one of the key considerations when completing a project for your customers is peace of mind after completion. To this end, we offer extended warranties, after care guides and a brilliant customer service team who are only a phone call away.





# NEW PRODUCTS

## DOWNLIGHTS

### Easy-fit Connector

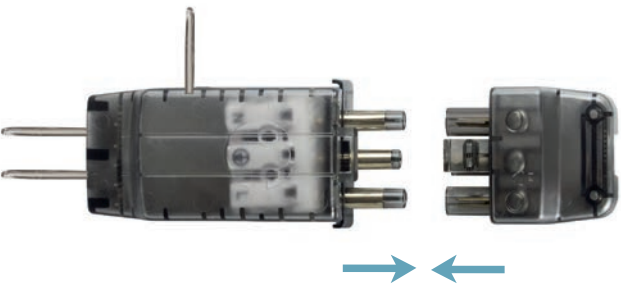
Designed to make downlight installation quicker and easier, the Easy-fit connector features a translucent design so you can assess whether the first fix installation has been wired correctly, without the need to open it. Also equipped with a piano key connector, installing downlights has never been easier.

#### Easy-fit Connector

### EFC3P

The Easy-fit is designed for first fix installation, but is also retro-fit compatible. Available separately or integrally with the products listed below:

Page 107



### Why first fix?

- Minimises the risk of damage to fittings during installation and decoration
- Provides easy access for circuit testing

### Benefits of loop in, loop out design

- Avoids need for inserting multiple wires into single terminals
- Hugely reduces installation time and complexity

Now available as standard on:

### H2 LITE

A dimmable, fire rated downlight complete with bezel and Easy-fit connector.



Page 83





# NEW PRODUCTS

## THEA COMMERCIAL DOWNLIGHTS

Thea is the ultimate product for any commercial installation including offices, hotels, schools and gyms. With practical benefits including a colour switchable feature, a range of dimming options, emergency solutions and plug and play connectors, we are sure that this is the perfect solution for any commercial requirements.

### Thea Commercial Downlight 12W

#### CDL0112M

12W colour switchable, dimmable, plug and play commercial downlight.



Page 155



### Thea Commercial Downlight 16W

#### CDL0116M

16W colour switchable, dimmable, plug and play commercial downlight.



Page 156



### Thea Commercial Downlight 24W

#### CDL0124M

24W colour switchable, dimmable, plug and play commercial downlight.



Page 157



### Thea Commercial Downlight 32W

#### CDL0132M

32W colour switchable, dimmable, plug and play commercial downlight.



Page 158





# NEW PRODUCTS

# FLOODLIGHTS

COMPLETELY ADJUSTABLE, COLOUR SWITCHABLE AND FLICKER FREE EXTERIOR LIGHTING



## 360° adjustable and colour switchable exterior lighting

With several exciting and new features, our floodlights range is the most advanced yet. Combining superior Collingwood quality and extensive innovation, our floodlights have been designed with you, our valued customer, in mind.

The circular bracket provides full 360° orientation of the light even after installation allowing for incredible illumination for every requirement. Should the installation requirements change in the future, the 360° control means the process is as simple as rotating the product in the desired direction.

Colour switchable technology is also present with a convenient IP65 rated toggle switch located on the back of the product, which can also be used after installation to aid you in choosing the right colour temperature for the environment.

CCT toggle switch

- 3000K
- 4000K
- 6500K



# NEW PRODUCTS

## FLOODLIGHTS

### Stay secure with PIR sensors

Our floodlights are designed for the safety conscious, ensuring that our 10W and 20W flicker free products are compatible with CCTV cameras and will not distort the recording. Not only this, our improved PIR sensors including PIR override switch guarantees that the functionality and added security is the most advanced yet.

#### Floodlight 10W

### FL01

Straight to mains, colour switchable general purpose exterior 10W floodlight with PIR sensor option available.



Page 330



#### Floodlight 20W

### FL02

Straight to mains, colour switchable general purpose exterior 20W floodlight with PIR sensor option available.



Page 331



#### Floodlight 30W

### FL03

Straight to mains, colour switchable general purpose exterior 30W floodlight with PIR sensor option available.



Page 332



#### Floodlight 50W

### FL05

Straight to mains, colour switchable general purpose exterior 50W floodlight with PIR sensor option available.



Page 333



#### Floodlight 100W

### FL10

Straight to mains, colour switchable general purpose exterior 100W floodlight.



Page 334





# NEW PRODUCTS

# SPIKE & WALL LIGHTS

VERSATILE AND STYLISH LIGHTING FOR INTERIOR AND EXTERIOR SPACES



## SL220 Spike lights

Proudly introducing our new and improved SL220 spike lights. Featuring significantly improved performance, a more compact luminaire design and three colour temperature options, this sleek, new product is now available in a stainless steel and anodised bronze finish. Not only do they look impressive, their performance is great too! With high efficacy of up to 144lm/W, you can be assured that this versatile product is perfect for any landscape design.



## WL220 Wall lights

Re-energised and re-vitalised, this new range of wall lights featuring an effective adjustable head ensures directing light could not be easier.

Also sporting an attractive single point source LED, this powerful wall light maximises the look and feel of the luminaires without compromising on performance. Available in a range of stylish anodised aluminium finishes, these contemporary designs are suitable for both indoor and outdoor use.

# NEW PRODUCTS

## Landscape Lighting

### Discreet and elegant landscape lighting

Perfect for creating backdrops and landscapes, lighting paths and walkways and for providing illumination for landscape features, our products are the perfect addition to your installation.

#### Spike lights

### SL220

Straight to mains or low voltage spike lights. Ideal for illuminating shrubs, small trees, pathways and general area lighting.



Page 276-277



#### Wall lights

### WL220

Straight to mains wall light, suitable for indoor and outdoor use. Complete with wall fittings and waterproof crimp connectors.



Page 244



#### Mini domed marker light

### GL100

Made using marine grade steel 316 and available in five window options, this small domed light is perfect for creating beautiful lit effects.



Page 209-210



#### Domed marker light

### GL200

Made using marine grade steel 316, this product can be driven over and is available in five window options, which makes it perfect for illumination of driveways.



Page 211-212



# NEW PRODUCTS

## FLEXIBLE BOLLARDS

### Custom built natural wooden bollards for your landscape lighting project

Our hand-crafted, hard-wearing wooden bollards are now available with added flexibility. Introducing our customisable bollards, available in a wide range of options so you can create stunning custom pieces for outdoor areas. Contact us about your project to create the perfect bollard for your installation.\*

1

Do you prefer a bollard with single or triple LEDs?

Single LED bollard



Triple LED bollard



2

Which style head would you like?

Domed



Chamfered



Pointed



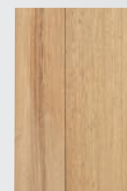
3

Which type of wood do you prefer?

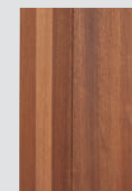
Iroko



Oak



Sapele



4

Will the bollard be recessed or surface mounted?

Recessed mount

Side cable entry is required for recess mounting.



Surface mount

Base cable entry is required for surface mounting.



When surface mounting you will also need a bracket.



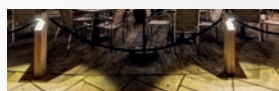
Partcode: BOL LED BRACKET

5

Which colour temperature do you need?

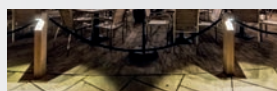
Warmest

To create inviting ambiance, use 2700K.



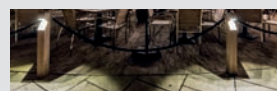
Warm

For the warmth of a halogen use 3000K.



Natural white

For a more neutral look use 4000K.



\*Bespoke bollards are made to order with a 4-6 week lead time.



# NEW PRODUCTS

## BULKHEADS

### Flexible installation

Offering a host of new and improved features, the brand new WL92 bulkhead is our best yet. Providing colour switchable technology which can be altered from inside the fitting before, during or after installation for extra flexibility. Not only this, we've ensured installation is even easier with two knockouts on the side of the product, allowing for top-to-bottom or side-to-side entry and BESA box mounting for a solution to every requirement. Lastly, two lumen levels have been added to our portfolio. With options available at both 1350lm and 2050lm, we now have a high and low lumen option to cater for all requests.

#### Emergency lighting bulkhead with microwave sensor

### WL92

Straight to mains, general purpose LED bulkhead with microwave sensor and emergency lighting



Page 340-341

### Now available with a selection of bezels

Customise your bulkheads with our range of black decorative bezels. Available in three options: eyelid, grille and ring designs. Black bezel base cover is also supplied with every bezel.



## LED STRIP KITS

### The perfect solution for one-off installations

Our LED strip is now available in convenient kits complete with driver.

#### LED strip kit, 4.8W IP20

### SP50

Constant voltage, IP20, 4.8W/m, self adhesive 5m LED strip kit with driver included.



Page 316



#### LED strip kit, 4.8W IP44

### SP54

Constant voltage, IP44 4.8W/m, self adhesive 5m LED strip kit with driver included.



Page 317



#### LED strip kit, 14.4W IP44

### SP154

Constant voltage, IP44 14.4W/m, self adhesive 5m LED strip kit with driver included.



Page 318



COMING SOON

# ARCHITECTURAL DOWNLIGHTS



## Elegant, high-quality lighting

Our ambition to offer our customers the finest lighting solutions to illuminate their spaces is the driving force behind the introduction of our newest Signature downlight collection. This family of architectural downlights can create unique installations for residential, hospitality and commercial environments.

Centered on beautiful installations, these superb lighting products utilise high quality LEDs within a beautifully simple and well-engineered low-glare baffle luminaire which can be specified in a range of beam angles, colour temperatures, housing styles and control system protocols.

Craft your interiors with a simple touch of class with the new architectural downlights, only from Collingwood.

## Round

Available as both fixed and adjustable fittings with a choice of colour temperatures, beam angles and dimming.



## Square

Available as both fixed and adjustable fittings with a choice of colour temperatures, beam angles and dimming.



## Trimless

Available as both fixed and adjustable fittings in single and twin options with a choice of colour temperatures, beam angles and dimming.

Trimless



Twin Trimless





# COMING SOON LOW GLARE LED PANELS



## **Low glare lighting for commercial applications**

We have designed our LED panel range with ultimate comfort in mind by including UGR < 19 options within the range. This rating is in keeping with CIBSE (Chartered Institute of Building Services Engineers) recommendations for office environments, meaning the lights are suitable for areas where reading, writing and computer-based work occurs.

The build quality of our panel range ensures that they are IP44 rated as standard, suiting them to damp environments such as communal kitchens and restrooms.

Our range has been designed to comply with latest regulations regarding flame spread, meeting both TPa and TPb requirements.

# COMING SOON

# SOFFIT DOWNLIGHT

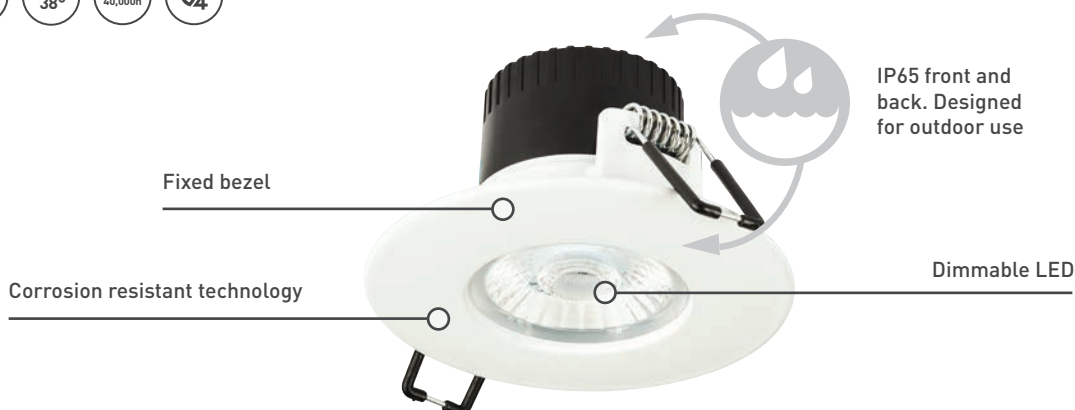


## The Collingwood all-weather downlight

Adding even more versatility to our extensive downlight range, we are excited to introduce the H2 Extreme, our all-weather soffit downlight. Providing IP65 protection from the front and back for full reassurance, this product ensures confidence in performance and aesthetics all year round. The light is suitable for use in soffits, eaves and fascia in addition to any outdoor situation where it could potentially be exposed to the elements.

## H2 Extreme

A dimmable, water resistant LED downlight with fixed bezel



# COMING SOON

# EMERGENCY LIGHTING



## Be safe, be seen

Essential for any commercial space, emergency lighting operates to illuminate a space in the event of a fire to allow all occupants a route to evacuate the premises safely. As this is imperative to commercial areas, choosing a solution that adheres to the European and British standards is hugely important. Our emergency lighting solution caters to this standard and is the perfect solution for your installation.

## Emergency Exit Bulkhead

Energy efficient LED emergency bulkhead.



## Escape route light

Discreet and attractive surface down light that switches on automatically when a building experiences a power outage.





# DRIVING PERFORMANCE

Optimise performance with Collingwood drivers



**COLLINGWOOD**  
LUMINAIRE



**COLLINGWOOD**  
DRIVER



**COLLINGWOOD**  
PERFORMANCE

## Enhance the performance of Collingwood luminaires by combining them with our **carefully selected drivers**

At Collingwood Lighting, high quality performance is at the core of everything we do. We strive for perfection and customer peace of mind not only at each stage of the installation process, but long into the future lifetime of the products.

Each of our LED lights are built with this in mind; our team of engineers spend countless hours researching and testing each one to ensure optimum performance and lifetime and a minimal failure rate. Not only are they built to make indoor and outdoor installations look incredible, but each component is rigorously engineered and tested to create a robust, quality product.

This ethos extends to our range of drivers. Our drivers are chosen based on their ability to enhance the individual fitting, after each one has undergone a stringent testing process to ensure optimum performance when used in combination with its light fitting counterparts.

When selecting lights for a project, Collingwood LED lights are chosen for their superior quality and reliable lifetime. To ensure they meet their full potential, **choose a Collingwood driver** that's been hand-selected to boost each product.

Refer to each individual product page for a list of compatible drivers or see the driver section for a full matrix of each driver and its compatible products. Alternatively when planning an installation speak to our team who'll be happy to advise a complete driver solution.

# CONTENTS

## RESIDENTIAL LIGHTING

Page 76-149

### DOWNLIGHTS

Page 78



**H2 LITE**  
Page 83



**H2 LITE 500**  
Page 84



**H2 LITE 500 CSW**  
Page 85



**H2 LITE 500 CSP**  
Page 86



**H2 PRO 550**  
Page 87



**H2 PRO 550 SPS**  
Page 88



**H2 PRO 550 CS**  
Page 89



**H2 PRO 700**  
Page 90



**H2 PRO DUSK**  
Page 91



**H2 PRO ELECT**  
Page 92



**H2 PRO ELECT TRIMLESS**  
Page 93



**H2 BEZELS**  
Page 94



**H4 PRO 550**  
Page 95



**H4 PRO 550 SPS**  
Page 96



**H4 PRO 700**  
Page 97



**H4 PRO ELECT**  
Page 98



**H4 BEZELS**  
Page 99



**H5 TRIMLESS**  
Page 100



**H5 500 SYMMETRIC**  
Page 101



**H5 500 ASYMMETRIC**  
Page 102



**H5 1000 SYMMETRIC**  
Page 103



**H5 1000 ASYMMETRIC**  
Page 104

### DOWNLIGHT ACCESSORIES

Page 105



**DLCONVERT**  
Page 105



**DM298GRID/  
DM298FP**  
Page 106



**EASY-FIT  
CONNECTOR**  
Page 107



**SPOTCLIP-III**  
Page 108



**LEDEP06**  
Page 109



**LEDEP07**  
Page 110



**LEDEM01**  
Page 111

### ARCHITECTURAL DOWNLIGHTS

Page 112



**DL201**  
Page 114



**DL SURFACE**  
Page 115



**DL PENDANT**  
Page 116



**FIRBRE LED  
LIGHT**  
Page 117



**DL329RGBW**  
Page 118



**FIRBRE LED**  
Page 119



**DL120**  
Page 120



**DL130**  
Page 121



**RL111**  
Page 122



**AR HOUSINGS**  
Page 123



**DM01**  
Page 124



**DM02**  
Page 125



**DH HOUSINGS**  
Page 126



**LL090 RGBW**  
Page 127



**LL030 CARGB**  
Page 128

# CONTENTS

## DECORATIVE WALL LIGHTS + UNDER SHELF LIGHTING

Page 130



WL80  
Page 132



MC020 S  
Page 133



MC010 S  
Page 134



MC015 S  
Page 135



MC025 S  
Page 136



MF02 IP  
Page 137



MS02 IP  
Page 138



WBM01  
Page 139



WBM02  
Page 139



WBM023  
Page 139



WBMBOX  
Page 139



WL050  
Page 140



WL050 WALL  
BOX  
Page 141



ML01  
Page 142



ML02  
Page 143



ML03  
Page 144



LEDLYTE  
SURFACE  
Page 145



LEDLYTE IP  
Page 146



LEDLYTE IP T  
Page 147



LEDLYTE  
Page 148



LEDLYTE EXT  
Page 149

## COMMERCIAL LIGHTING

Page 150-173

## COMMERCIAL DOWNLIGHTS

Page 152



DL801MW  
Page 153



CDL0112  
Page 154



CDL0116  
Page 155



CDL0124  
Page 156



CDL0132  
Page 157

## RETAIL LIGHTING

Page 158



TRACK COMPONENTS  
Page 162-163



TRACK  
LIGHTING  
Page 164-166



HONEY COMB  
BAFFLE  
Page 167



ROUND  
RECESSED  
Page 168-172



SQUARE  
RECESSED  
Page 169-173

## LANDSCAPE LIGHTING

Page 174-291

## GROUND LIGHTS

Page 180



GL09  
Page 182



GL08  
Page 183



GL008RGBW  
Page 184



GL07  
Page 185



GL007RGBW  
Page 186



GL007 FROSTED  
Page 187



GL090  
Page 188



GL090RGBW  
Page 189

## GROUND LIGHTS

Page 180



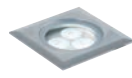
GL040  
Page 190



GL040 CARGB  
Page 191



GL040 ULTRA  
LOW GLARE  
Page 192



GL041  
Page 193



GL038A  
Page 194



GL019  
Page 195



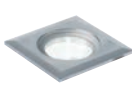
GL019 ULTRA  
LOW GLARE  
Page 196



GL019LG  
Page 197



GL019 FROSTED  
Page 198



GL019SQ  
Page 199



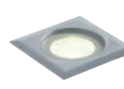
GL019ST  
Page 200



GL019STK  
Page 201



GL016  
Page 202



GL016SQ  
Page 203



GL016 F AB  
Page 204



GL016RGBW  
Page 205



GL016 FROSTED  
Page 206



GL063  
Page 207



GL064  
Page 208



GL100  
Page 209-210



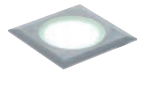
GL200  
Page 211-212



GL050  
Page 213



GL050RGBW  
Page 214



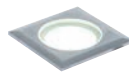
GL051  
Page 215



GL018C  
Page 216



GL018 C AB  
Page 217



GL018SQ  
Page 218



GL018T  
Page 219



TUBES  
Page 220

## STEP LIGHTS

Page 222



WL339  
Page 224



WL340  
Page 225



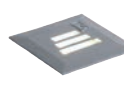
WL341  
Page 226



WL342  
Page 227



GL021  
Page 228



GL022  
Page 229



GL034A  
Page 230

## WALL LIGHTS

Page 232



WL070A  
Page 234



WL170A  
Page 235



WL370A  
Page 236



WL070RGBW  
Page 237



WL060  
Page 238



WL160  
Page 239



WL075A  
Page 240



WL175A  
Page 241



WL075CARGB  
Page 242



WL041 IP  
Page 243



WL220  
Page 244



WL140AF  
Page 245



WL240AF  
Page 246



OCTOLED  
Page 247



MC040  
Page 248



MC050  
Page 249



# CONTENTS

## WALL LIGHTS

Page 232



WL261  
Page 250



WL262  
Page 251

## POND LIGHTS

Page 252



UL030  
Page 254



UL030RGBW  
Page 255



UL010  
Page 256



UL010RGBW  
Page 257

## FAÇADE LIGHTS

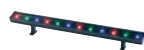
Page 258



LINE 400 110  
Page 260



LEDLINE MAINS  
400 110  
Page 261



UL345CARGB  
Page 262



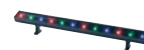
LEDLINE MAIN  
200 110  
Page 263



LINE 400 25X6  
Page 264



LEDLINE MAINS  
400 25X6  
Page 265



UL346CARGB  
Page 266



LEDLINE MAINS  
200 25X6  
Page 267



LINE40045  
Page 268



LEDLINE MAINS  
400 45  
Page 269



UL347CARGB  
Page 270



LEDLINE MAINS  
200 45  
Page 271



ULBRACKET  
Page 272

## SPIKE LIGHTS

Page 274



SL220  
Page 276



SL220A MAINS  
Page 277



GH220  
Page 287



GS220  
Page 288



SL040A  
Page 279



SL030  
Page 280



SL130  
Page 281

## BOLLARDS

Page 282



CUSTOM  
BOLLARD  
Page 285



BOL LED MAINS  
Page 286



BOL LED 1  
Page 287



BOL LED  
BRACKET  
Page 288



BOL255  
Page 289



BOL256  
Page 290



BOLRM  
Page 291

# CONTENTS

## STRIP LIGHTS

Page 292-325

## STRIP PROFILES + ACCESSORIES

Page 298



**STRIP PROFILES**  
Page 298-301



**ACCESSORIES**  
Page 302-303

## STRIP LIGHTS

Page 304



**LSV02**  
Page 304



**LSV05**  
Page 305



**LSV04**  
Page 306



**LSV06**  
Page 307



**LSV42**  
Page 308



**LSV45**  
Page 309



**LSV44**  
Page 310



**LSV46**  
Page 311



**LSV82**  
Page 312



**LSV85**  
Page 313



**LSV84**  
Page 314



**LSV86**  
Page 315



**SP50**  
Page 316



**SP54**  
Page 317



**SP154**  
Page 318



**LSC03**  
Page 319



**LSC43**  
Page 320



**LSC45**  
Page 321



**LSC83**  
Page 322



**LEDSTRIP IP**  
Page 323



**LSR05**  
Page 324

## FLOODLIGHTS

Page 326-335



**FL01**  
Page 330



**FL02**  
Page 331



**FL03**  
Page 332



**FL05**  
Page 333



**FL10**  
Page 334



**FL200**  
Page 335

## BULKHEADS

Page 336-341



**WL92BE**  
Page 339



**WL92BR**  
Page 339



**WL92BG**  
Page 339



**WL92**  
Page 340-341

# CONTENTS

## CONTROL

Page 342-371

## INTERFACES

Page 352



**HAL 104**  
Page 352



**PDCINT1-10V**  
Page 352

## WIRING + DRIVERS

Page 354



**PL/IP/350 1-9**  
Page 356



**PL/IP/350 3-12**  
Page 356



**PL/IP/700 1-3**  
Page 356



**PL/IP/700 3-9**  
Page 356



**PLDCC/350/10-28**  
Page 354



**PLDCC/700/12-24**  
Page 356



**PLDM35020**  
Page 354



**PLDM70011**  
Page 356



**PLDM/700 3**  
Page 354



**PLD UNI-DRIVE 350MA**  
Page 354



**PLD UNI-DRIVE 700MA**  
Page 356



**PLR/350 1-5**  
Page 354



**PLU/350 1-9**  
Page 354



**PLU/700 3-9**  
Page 356



**PLU/PP/350 1-9**  
Page 354



**PLU/PP/350 1-9**  
Page 354



**PS10024**  
Page 358



**PS1524**  
Page 358



**PS3024B**  
Page 358



**PS5024**  
Page 358



**PS7524**  
Page 358



**PSDAL20024**  
Page 358



**PSDAL350M**  
Page 354



**PSDAL700M**  
Page 356



**PSDAL900M**  
Page 356



**PSDIM350**  
Page 354



**PSDIM700**  
Page 356



**PSDIM900**  
Page 356



**PSDIN350M**  
Page 354



**PSDIN700M**  
Page 356



**PSDIP10024**  
Page 358



**PSDIP6024**  
Page 358



**PSIP15024**  
Page 358



**PSIP25024**  
Page 358



**PSMD35039**  
Page 354



**PSD3501324**  
Page 354



**PSMD70039**  
Page 356



**PSD700610**  
Page 354



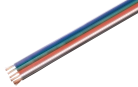
**PSMDIP10024**  
Page 358

## COLOUR CHANGE

Page 360



**C100924**  
Page 368



**CF505RGBW**  
Page 370



**COLLINGWOOD RGBW**  
Page 365



**CR575RGBW**  
Page 370



**DMX2102**  
Page 369



**DMX RS 485 CABLE**  
Page 371



**LED 3 RGB EXT**  
Page 371



**LED RGBW EXT**  
Page 370

# CONTENTS

## COLOUR CHANGE

Page 360



**LED RGB 0.75  
CABLE**  
Page 371



**PR3002**  
Page 367



**PR3011**  
Page 366



**RC2819**  
Page 364



**TR2818**  
Page 365



**WC2820**  
Page 364

## ACCESSORIES

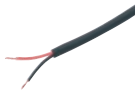
Page 372-375



**JUNCTION BOXES**  
Page 374-375



**1-10V DIMMER**  
Page 374



**CABLES**  
Page 375

# LAYERING LIGHT

By layering up light from different sources at different levels, richness and depth is added to a space. Bring together the three key types of lighting - ambient, task and accent in varying combinations to create a sophisticated and multi-dimensional scheme which will enhance any environment, bringing it to life and allowing for variations in atmosphere and making it a pleasant and exciting place to be.

These layers can be broken down into different types:

- Ambient lighting
- Task lighting
- Accent lighting
- Low-level lighting
- Mid-level lighting
- High-level lighting

It is not necessary for an installation to include all types of lighting for it to be successful. However, by using a combination of these, it is possible to create exciting environments that people really want to spend time in.

## AMBIENT LIGHTING

- General background lighting.
- Replaces natural daylight.

## ACCENT LIGHTING

- Provides points of focus, highlight and visual interest which add depth to a space.

## TASK LIGHTING

- Focussed light for specific areas where tasks are carried out

For more applications please visit [collingwoodlighting.com](http://collingwoodlighting.com)



## HIGH LEVEL LIGHTING

- Lights which illuminate higher level features such as ceilings, cornices or tall trees provide this layer of light.



## MID LEVEL LIGHTING

- Wall lights, lamps, under cupboard lights, lit niches and shelving all contribute to an intermediate layer of light. In the garden, wall lights and spiked lights highlighting shrubs work well.



## LOW LEVEL LIGHTING

- Lights at ground level or set low in walls and kickboards, shining down onto the ground or onto steps, provide a soft low level of mood lighting and can also act as an effective night light. The same is true outside, with lit paths and steps providing low-level guide lighting.

# LIGHTING DESIGN SERVICE

THE  
**STUDIO**  
AT COLLINGWOOD

At Collingwood Lighting, we have a team of professional lighting designers who offer two levels of service to our customers. Where appropriate, the designers can provide a 3D render of your lighting choices, enabling you to visualise your selection of LED products in situ. With their passion and flair for creative and effective lighting solutions, our design team is also equipped to propose and present a full lighting solution for your project, whatever the size.

Our schemes are tailored to meet all your requirements, enabling you to enhance and control your environment through the use of light. By layering light from different sources, highlighting key features of the space, ensuring that light is provided where it is most needed and that flexibility is fully catered for, our designers will help you to put in place the most effective lighting for your project.

Call the sales team on **01604 495151** to discuss your ideas.





Bradford University

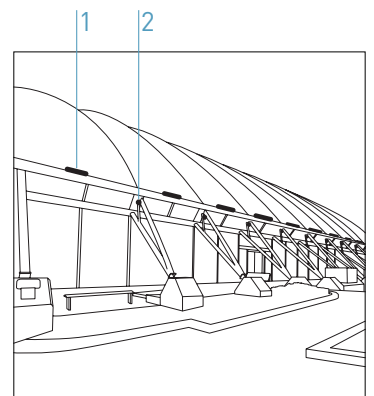
Recreate this look:



1. [Page 266](#)  
UL346CARGB



2. [Page 255](#)  
UL030RGBW







Kings Head - Spratton

Recreate this look:



1. Page 249  
MC050

Add to this look...

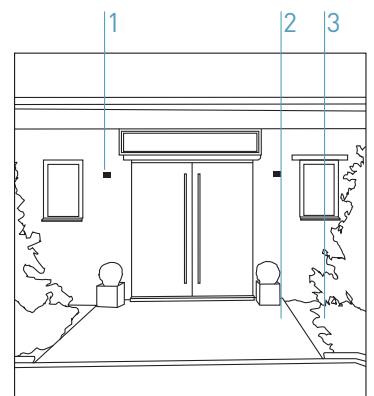


2. Page 280  
SL030



3. Page 216  
GL018 C

The **SL030** could have been planted in the beds to create an additional layer of light here. **GL018 Cs** could also have been added to draw the eye towards the entrance.



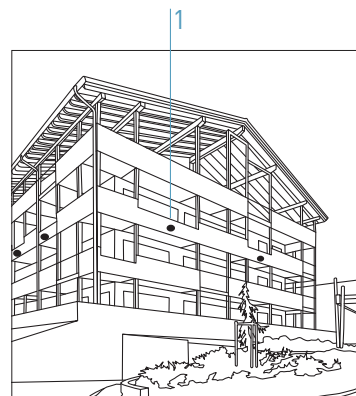




Recreate this look:



1. Page 240  
WL075A







Hotel – Ulrichshof Rimbach

Architektur- und Designstudio: noa\* - network of architecture

Recreate this look:



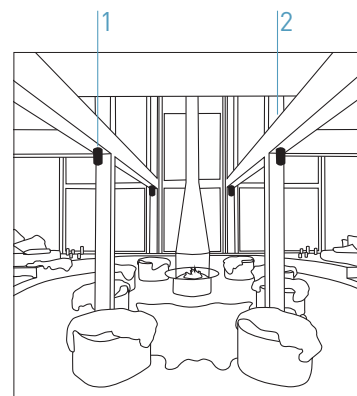
1. Page 115  
DLSURFACE

Add to this look...



2. Page 254  
UL030

Highlighting of the timber structure  
could be achieved with **UL030**.







Castle Howard - York

Recreate this look:



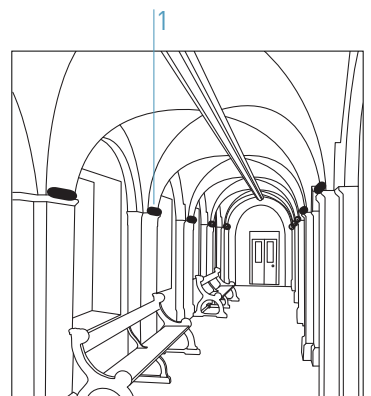
1. [Page 268](#)  
LEDLINE 400 45

Add to this look...



1. [Page 269](#)  
ULM347M40

For a straight to mains  
option use [LEDLINE MAINS](#)







University - Newcastle

Photo © Southern Green Ltd

Recreate this look:



1. Page 268  
LEDLINE 400 45



2. Page 264  
LEDLINE 400 25X6



3. Page 188  
GL090



4. Page 183  
GL08







Recreate this look:



1. [Page 324](#)  
LSR05



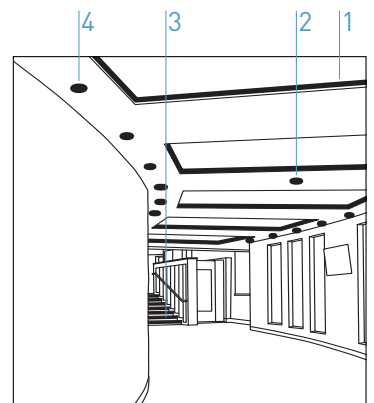
2. [Page 157](#)  
CDL0132



3. [Page 321](#)  
LSC45



4. [Page 102](#)  
H5 500 ASYM







Errol Flynn Cinema - Northampton

Recreate this look:



1. [Page 87](#)  
H2 PRO 550



2. [Page 243](#)  
WL041 IP

Add to this look...

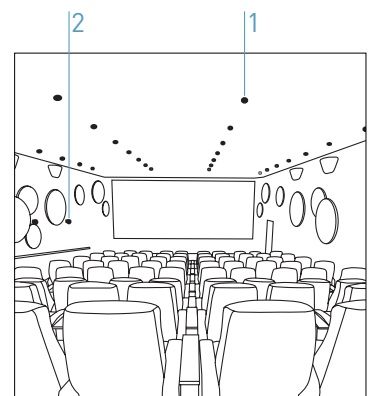


1. [Page 101](#)  
H5 500 SYM



1. [Page 115](#)  
DL SURFACE

Alternatively, consider using low glare fittings like [H5 500 SYMMETRIC](#) or surface mounted fittings such as the [DL SURFACE](#) for an additional feature.





Carbis Bay - Cornwall

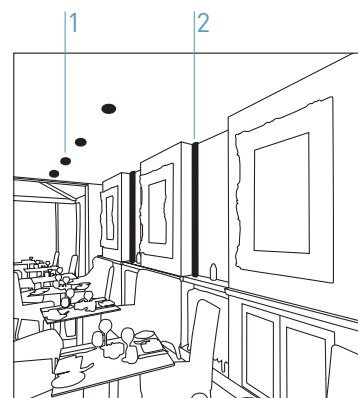
Recreate this look:



1. [Page 87](#)  
H2 PRO 550



2. [Page 319](#)  
LSC03







Aakash Restaurant - Cleckheaton

Recreate this look:



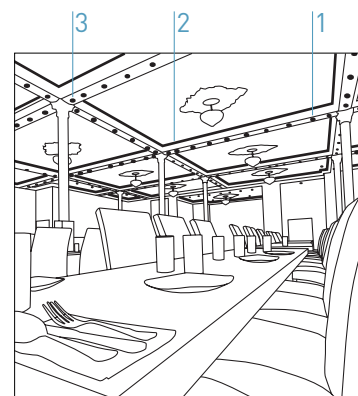
1. [Page 87](#)  
H2 PRO 550



2. [Page 324](#)  
LSR05



3. [Page 128](#)  
LL030CARGB







Porthminster - Cornwall

Recreate this look:



1. Page 101  
H5 500 SYM

Add to this look...

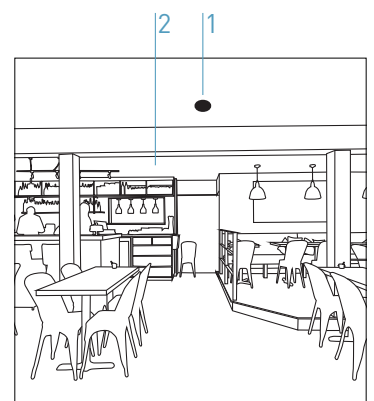


2. Page 125  
DM02



2. Page 126  
DH02WH

Dark spots, such as the chest, could be lit with the **DM02 + DH02WH**.







Lourenzos - Dumfermline - Scotland

Recreate this look:



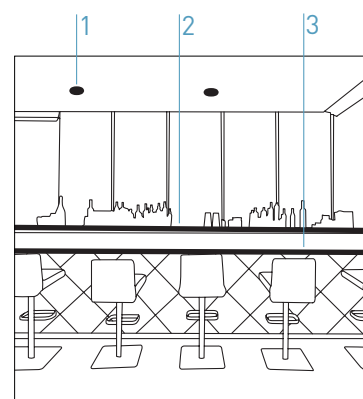
1. [Page 100](#)  
H5 TRIMLESS



2. [Page 324](#)  
LSR05



3. [Page 320](#)  
LSC43





The Halston Aparthotel - Carlisle

Recreate this look:



1. [Page 87](#)  
H2 PRO 550



2. [Page 116](#)  
DL PENDANT



3. [Page 140](#)  
WL050

Add to this look...

Add [WL050s](#) at 300mm from floor level to provide a low level layer of light







Colshaw Hall - Cheshire

Recreate this look:



1. [Page 87](#)  
H2 PRO 550



2. [Page 324](#)  
LSR05







Royal & Derngate - Northampton

Recreate this look:



1. Page 235

WL170







The Crypt - Woburn

Recreate this look:



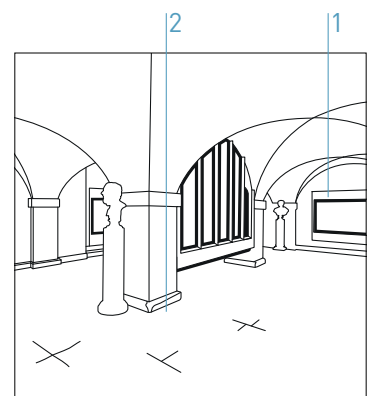
1. [Page 304](#)  
LSV02

Add to this look...



2. [Page 202](#)  
GL016 F

Use small **GL016** fittings to highlight columns and reflect light back from the vaulted ceiling.





The Barn - Suffolk

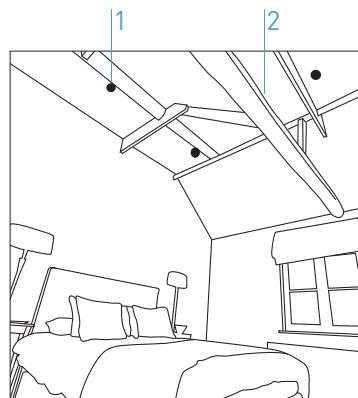
Recreate this look:



1. [Page 101](#)  
H5 500 SYM



2. [Page 304](#)  
LSV02







Private residence - The Barn, Suffolk

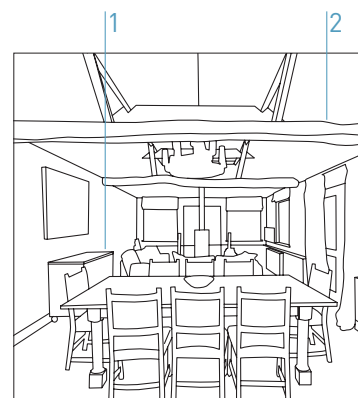
Recreate this look:



1. Page 195  
GL019 S



2. Page 244  
WL220A







Private residence

Recreate this look:



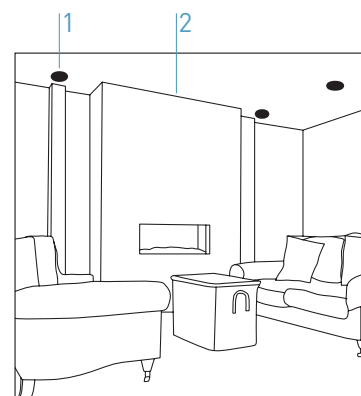
1. [Page 101](#)  
H5 500 SYM

Add to this look...



2. [Page 195](#)  
GL019 S

Add [GL019s](#) set as downlights against the rough stone wall to add another level of interest, creating shadow and highlighting texture.







Private residence - Halifax

Recreate this look:



1. Page 87  
H2 PRO 550



2. Page 195  
GL019 S

Add to this look...



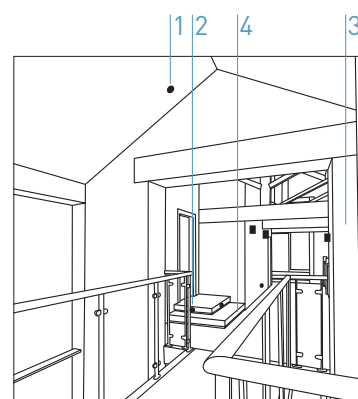
3. Page 234  
WL070A



4. Page 216  
GL018 C

Add accent lighting with **WL070s** set either side of the opening to highlight the bare stonework with flumes of light.

A low level of light could be added to the walkway by recessing **GL018s** into the wood.







Private Residence - Worcestershire

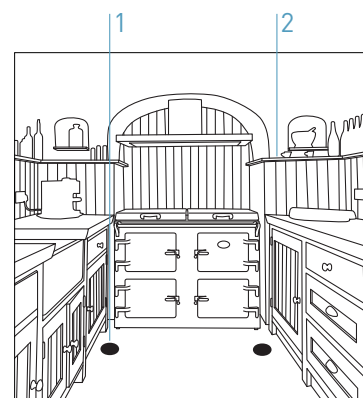
Recreate this look:



1. Page 225  
WL340



2. Page 308  
LSV42







Private residence

Recreate this look:



1. Page 254  
UL030



2. Page 308  
LSV42

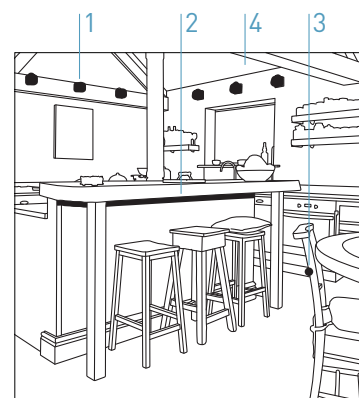


3. Page 142  
ML01



4. Page 95  
H4 PRO 550

Watch the layering light video on the YouTube channel to find out more about this project.







Private Residence

Courtesy of birchhomes.co.uk

Recreate this look:



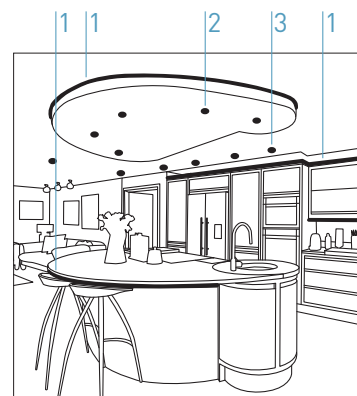
1. Page 320  
LSC43



2. Page 83  
H2 LITE



3. Page 101  
H5 500 SYM



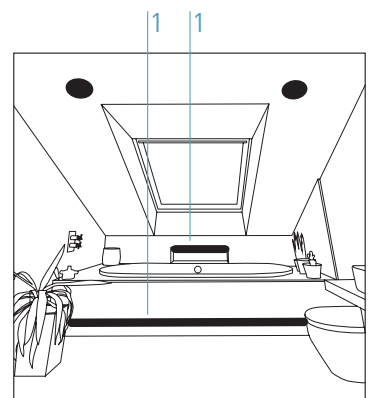


Private residence

Recreate this look:



1. [Page 323](#)  
LEDSTRIP IP







Private Residence

Recreate this look:



1. [Page 87](#)  
H2 PRO 550



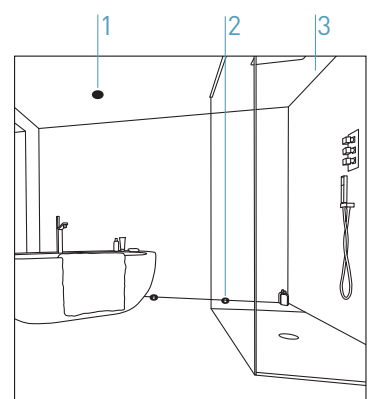
2. [Page 213](#)  
GL050

Add to this look...



3. [Page 195](#)  
GL019 F

Highlight the colour and texture of the wall tiles by setting four [GL019 Fs](#) in the ceiling behind the shower.





Private Residence

Recreate this look:



1. [Page 87](#)  
H2 PRO 550



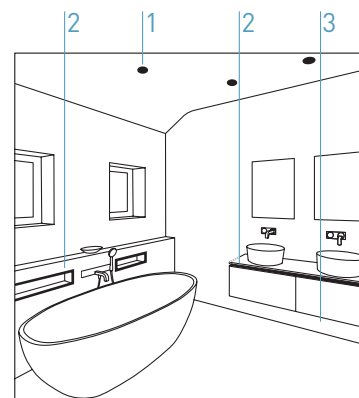
2. [Page 323](#)  
LEDSTRIP IP



3. [Page 323](#)  
LEDSTRIP IP

Add to this look...

Add another length of **LEDSTRIP IP** underneath the floating unit to provide a low level of light.







The Barn - Suffolk

Recreate this look:



1. [Page 87](#)  
H2 PRO 550



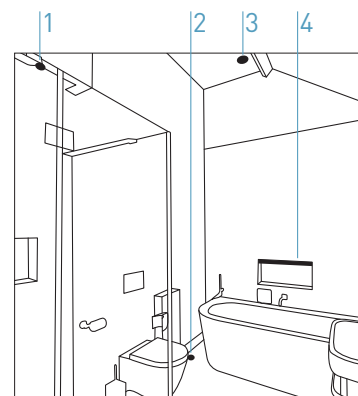
2. [Page 195](#)  
GL019 S



3. [Page 101](#)  
H5 500 SYM



4. [Page 323](#)  
LEDSTRIP IP







Private residence

Recreate this look:



1. Page 234  
WL070A



2. Page 190  
GL040



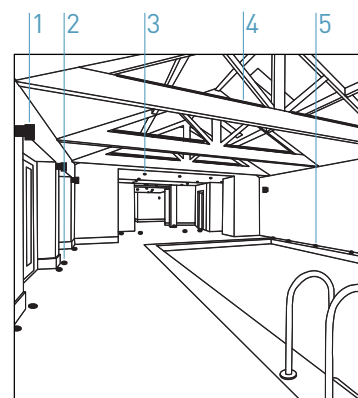
3. Page 87  
H2 PRO 550



4. Page 320  
LSC43



5. Page 202  
GL016 F







Private residence

Photo: Lumiere

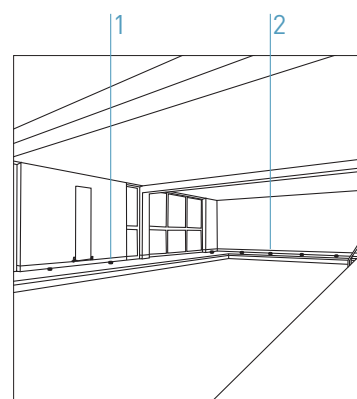
Recreate this look:



1. [Page 195](#)  
GL019 S



2. [Page 214](#)  
GL050RGBW





Hotel - Aix en Provence

Recreate this look:



1. Page 280  
SL030



2. Page 213  
GL050



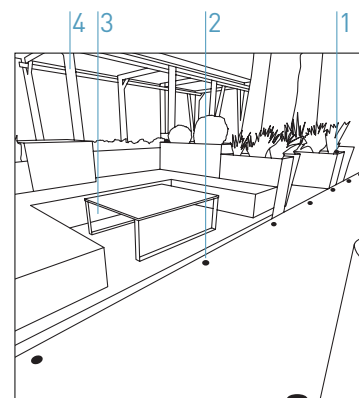
3. Page 323  
LEDSTRIP IP

Add to this look...



4. Page 240  
WL075A

WL075As could be added to the pergola as downlights to provide an additional layer of light.







Porthmeor Beach Cafe Bar - Cornwall

Recreate this look:



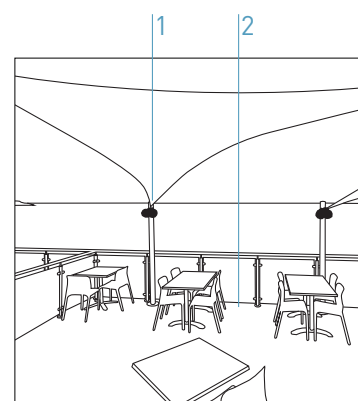
1. [Page 254](#)  
UL030

Add to this look...



2. [Page 216](#)  
GL018 C

GL018s could be added to provide a low level glow of light.







Venu Bar/Club - North Wales

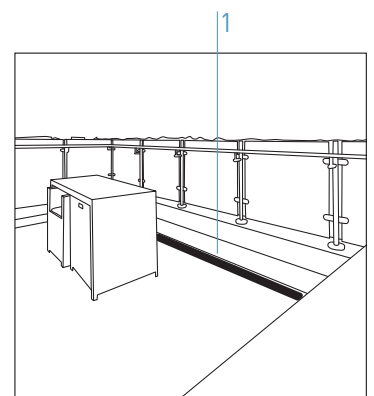
Recreate this look:



Keeping it simple is sometimes the best option. By avoiding mid-level lighting in this installation, the view of the city really stands out.

1. [Page 322](#)

LSC83







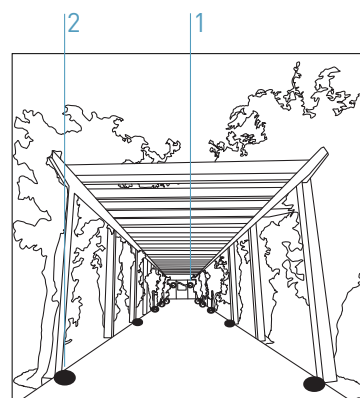
Brightwell Hall Farm - Ipswich

Recreate this look:



1. Page 234  
WL070A

2. Page 194  
GL038A







Private residence - Costa Brava

dosarquitectes | Francesc Aromir

Recreate this look:



1. Page 190  
GL040

Add to this look...

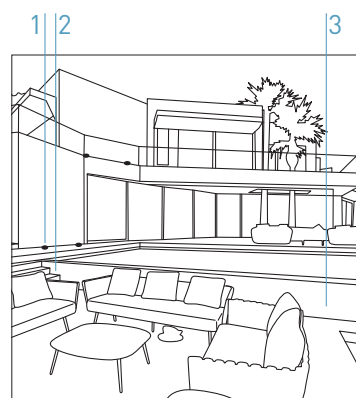


2. Page 202  
GL016 F



3. Page 287  
BOL LED 1

Add miniature ground lights such as **GL016** into the sides of steps and low retaining wall for a low layer of light which will frame the seating area. The wooden Bollard, **BOL LED 1**, would also complement this scene and provide extra light to relax by.







Private Residence - Brighton

Recreate this look:



1. Page 195  
GL019 S



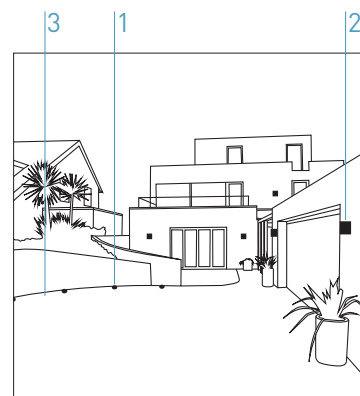
2. Page 234  
WL070A

Add to this look...



3. Page 225  
WL340

WL340 could have been used here in conjunction with the ground lights to provide a wash of light on the drive way.







The Star Inn The City - York

Recreate this look:



1. [Page 286](#)  
BOL LED 030 MAINS



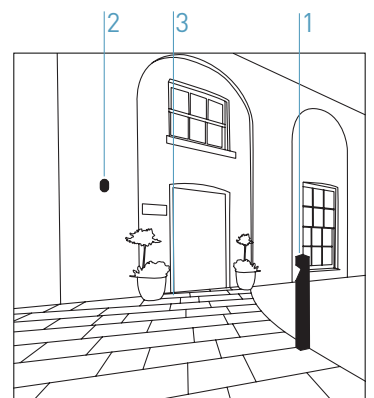
2. [Page 235](#)  
WL170A



3. [Page 194](#)  
GL038A

Add to this look...

GL038As could be placed either side of the entrance door to create a welcoming look.







Private residence - Northampton

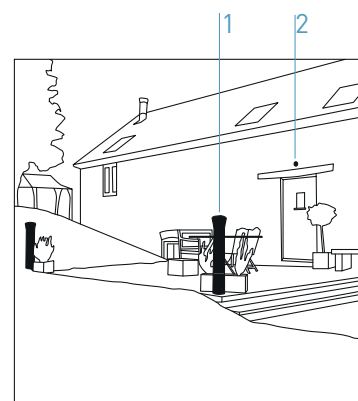
Recreate this look:



1. [Page 289](#)  
BOL255



2. [Page 240](#)  
WL075A







Private residence - Sheffield

Recreate this look:



1. [Page 236](#)  
WL370A



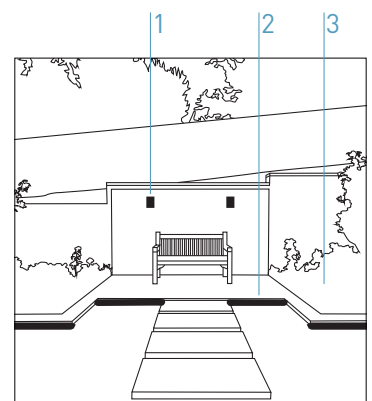
2. [Page 323](#)  
LEDSTRIP IP

Add to this look...



3. [Page 280](#)  
SL030

SL030s could be added to the beds to up-light shrubs and add another layer of light.







Private residence - Sheffield

Recreate this look:



1. Page 230  
GL034A



2. Page 323  
LEDSTRIP IP



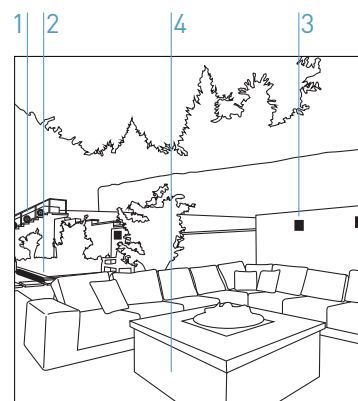
3. Page 236  
WL370A

Add to this look...



4. Page 226  
WL341

Set **WL341s** in the sides of the stone fire support to wash light down onto the floor for a low level layer of soft lighting.







Private residence

Recreate this look:



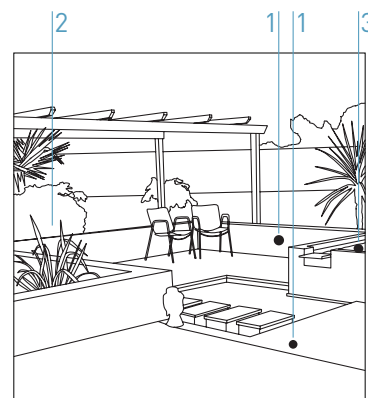
1. [Page 213](#)  
GL050



2. [Page 254](#)  
UL030



3. [Page 276](#)  
SL220A







Private residence

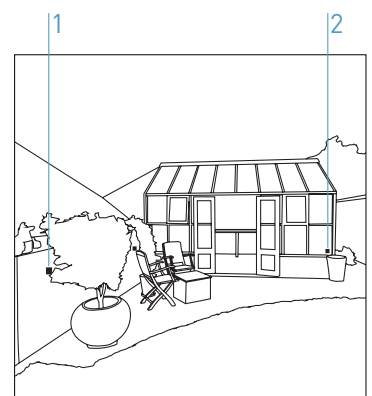
Recreate this look:



1. [Page 133](#)  
MC020 S



2. [Page 256](#)  
UL010







Private Residence

Recreate this look:



1. [Page 186](#)  
GL007A



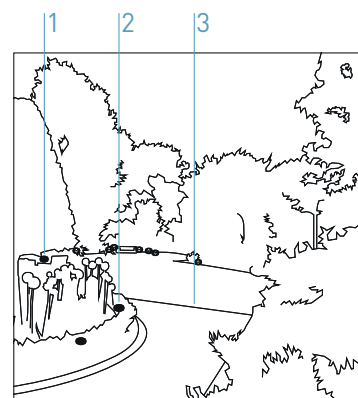
2. [Page 279](#)  
SL040A

Add to this look...



1. [Page 286](#)  
BOL LED 030 MAINS

Wooden bollards would be a good finishing touch to light this path.







Private Residence

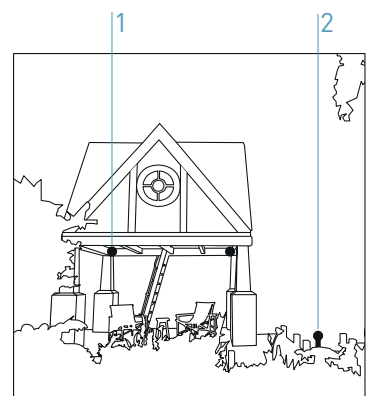
Recreate this look:



1. [Page 254](#)  
UL030



2. [Page 276](#)  
SL220A







Private residence

Courtesy of birchhomes.co.uk

Recreate this look:

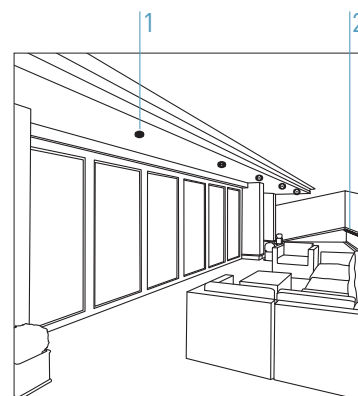


1. [Page 190](#)  
GL040



2. [Page 320](#)  
LSC43

To find out how you can recreate the interior lighting see [Page 47](#).







Private residence

Recreate this look:



1. [Page 276](#)  
SL220A



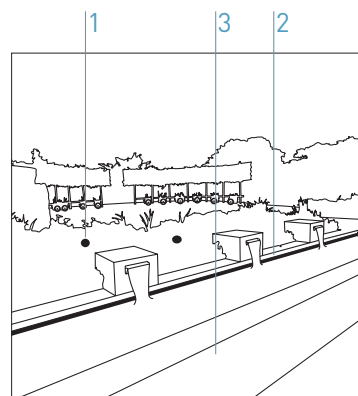
2. [Page 323](#)  
LEDSTRIP IP

Add to this look...



3. [Page 216](#)  
GL018

Marker lights such as [GL018](#) can be used to subtly light the way of the path.







Thackerays - Northampton

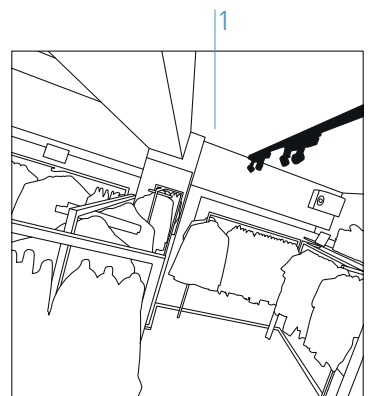
Recreate this look:



Our retail range offers total flexibility for lighting your retail store. Our range features LUXEON CrispWhite Technology on our 3000K option, to make colours pop and whites come alive.

1. [Page 165](#)

TMWH2030







Asha's Attire - Oundle

Recreate this look:

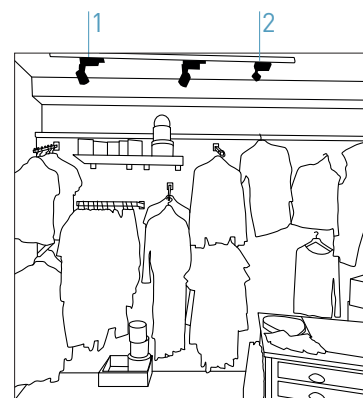


1. Page 165  
TMWH7030



2. Page 166  
TSWH5030

Our retail range offers total flexibility for lighting your retail store. Our range features LUXEON CrispWhite Technology on our 3000K option, to make colours pop and whites come alive.



# Residential.

Lighting has the ability to transform a home from dull and uninviting to inspiring and homely – a space to relax and be comfortable. Have you ever walked into a home and marvelled at how the light was diffused? No, probably not, because when lighting perfectly compliments the home, you hardly notice it. Create that striking balance of layering light that blends seamlessly together. Consider use of dimmers as they allow for flexibility depending on the time of day, event or mood you want to create, whilst also acting as a great way to reduce energy consumption.

Here at Collingwood, we understand the need to create warm and inviting spaces, which is why we have a range of colour temperatures to choose from to create the right atmosphere for the room. Whether that's 2700K for a cosy, inviting look or 6000K to replicate natural daylight, we are confident that we have the solution for you.





# RESIDENTIAL DOWNLIGHTS

## INVITING AND VERSATILE ENVIRONMENTS

Creating the perfect atmosphere with lighting can transform any space from a dull and lifeless area to a warm and inviting environment.

### LED colour options

Choosing the correct colour temperature for your scheme can really help to create the right environment. Available in 2700K, 3000K, 4000K and 6000K, we're committed to ensuring that we have colour consistency across our range, whether that's downlights, ground lights or LED strip lighting.

2700K



3000K



4000K



6000K / 6500K



### Colour switchable

Creating the ambience and mood of a room is hugely dependent on the lighting chosen. That's why we provide two colour switchable options which can alternate between three colour temperatures without any additional wiring required. Our products can be switched under the bezel but also using a standard wall switch or dimmer.

3000K



4000K



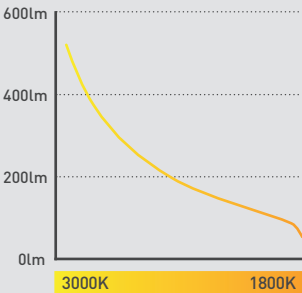
6000K / 6500K



### Dim to warm

For a warmer and more comfortable environment, our products can replicate the atmosphere typically created by a dimmed incandescent lamp with all the benefits of a Collingwood LED.

3000K (100% intensity)      2400K (50% intensity)      1800K (25% intensity)





## Bezel options

Our bezels have a slimline, flush finish with a twist and lock technology that ensures replacing these is a quick and easy process. Choose from a wide selection of round and square bezels in a range of colour options.

H2 range: Round



H2 range: Square



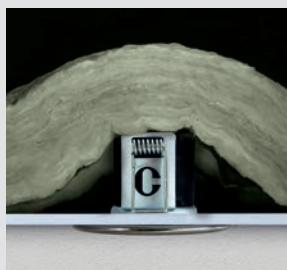
H4 range: Round



## Insulation coverable

Many of our downlights are insulation coverable, resulting in an even faster and easier installation. We can provide products suitable for both rolled and blown installation.

Rolled insulation



Blown insulation



## Low glare

Low glare lighting is ideal for creating spaces designed for comfort, relaxation and enjoyment and where light is not needed to be the focus. Our 'Elect' downlights are designed with visual comfort in mind and have a UGR rating of 14.

Low glare



Glare



## Single point source Vs Tri-LED

We offer both types of lens within our downlights range.

Single point source

Choose a single point source lens for a symmetrical design that replicated the look and feel of a traditional halogen lamp.



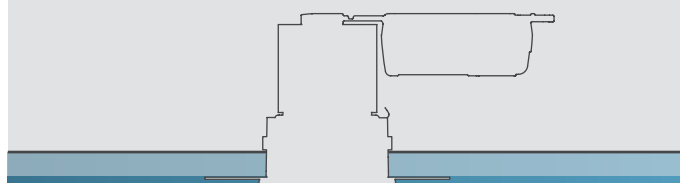
Tri-LED

The Tri-LED aesthetic has become synonymous with LED technology. Choose this lens for the perfect finish to any modern space.



## Concealed lighting

Our trimless products are designed to completely conceal the fitting. The plate is placed flush to the ceiling and plastered over, concealing the plate and offering crisp ceiling lines.



# RESIDENTIAL DOWNLIGHTS

## INVITING AND VERSATILE ENVIRONMENTS

Creating the perfect atmosphere with lighting can transform any space from a dull and lifeless area to a warm and inviting environment.

### Connectors

For quick and easy installation, a wide range of our downlights come equipped with a connector.

#### Easy-fit connector

The Easy-fit connector is designed to minimise installation time and ensure fitting the product is as easy as possible. It has a push fit connector to make wiring to the mains a less time-consuming process and the light can be attached or replaced by anyone quickly and efficiently.

- Piano key connector for ease of installation
- First fix compatible
- Retro-fit compatible
- Less risk of damaging fittings and ceiling during installation
- No tools required for installation (when already attached to product)
- Loop in loop out
- 16 amp rated

#### T-Connector

The T-Connector is a terminal connector allowing for much easier installation.

- Piano key connector for ease of installation
- Retro-fit compatible
- Less risk of damaging fittings and ceiling during installation
- No tools required for installation (when already attached to product)



### IP ratings

Our downlights range offer an IP rated product for every installation.



#### IP20

Ideal for use indoors and where there is no risk of water splashing the product



#### IP44

Ideal for use indoors, in bathrooms and other places where water might splash the product



#### IP65

Ideal for use indoors or outdoors, in bathrooms and other places where water may be sprayed onto the product

### High efficacy

We strive to ensure all of our products are as energy efficient as possible.

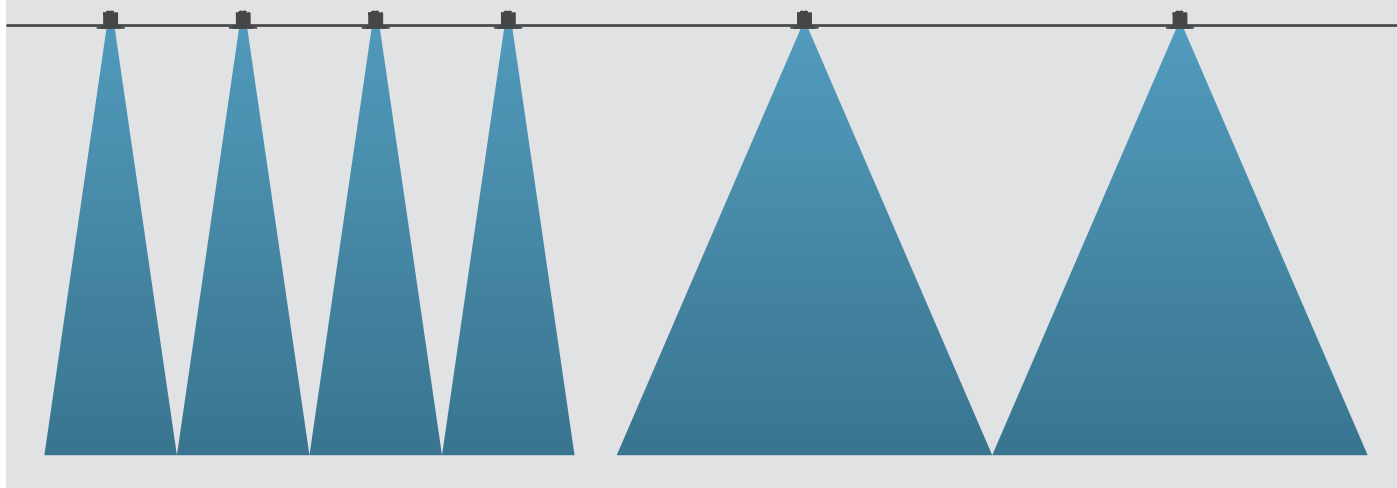
Many of our downlights have been upgraded to efficacy ratings of over 100lm/W. Not only do they feature innovation, performance and premium quality, they're also light on energy consumption and bills.





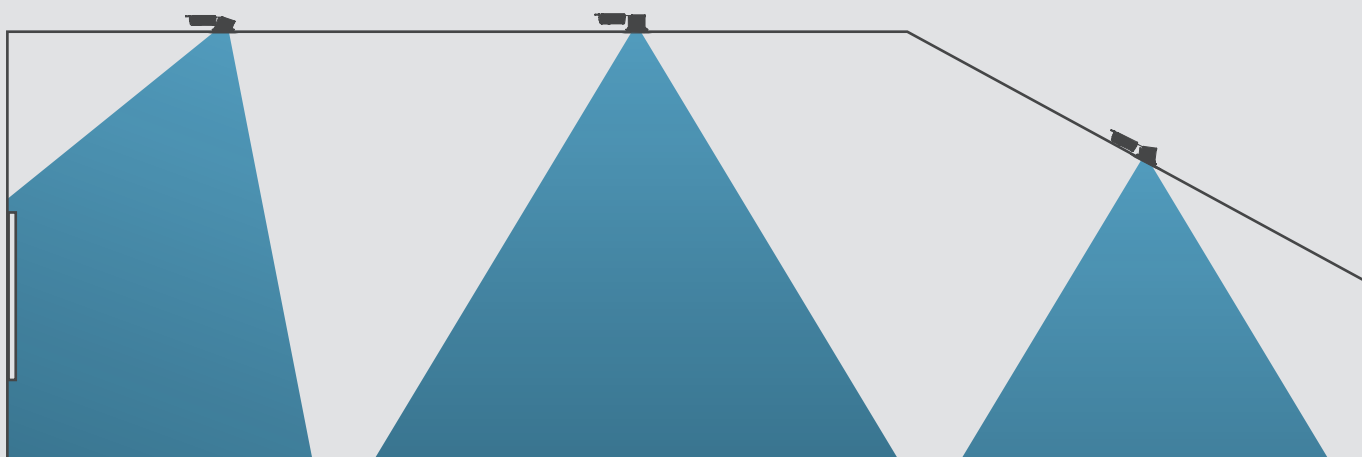
## Beam angles

Products with a wide beam angle cover a wider area with fewer lights, reducing time and cost spent on fittings. Alternatively, products with a narrow beam angle have a great light intensity and are perfect for smaller spaces.



## Adjustable fittings

The H4 adjustable range provides a versatility that's perfect for vaulted ceilings, standard ceilings and for highlighting features and artwork on walls.



## Emergency pack service

In the event of a power outage, your emergency lighting system will illuminate a safe evacuation route from commercial and high occupancy buildings such as office spaces, hospitals and hotels.

Collingwood Lighting's pre-wired emergency pack service option is available across a large selection of our downlight range offering a flexible solution to complement any lighting scheme. With this service, the wiring has already been completed so you don't have to, providing peace of mind and reducing installation time.

# CUT-OUT SIZE GUIDE

## FOR YOUR DOWNLIGHTS

Use the guide below to determine the recommended cut-out size for each Collingwood downlight.

For retro-fitting varied sizes, view our converter plate range on page 105

<div> </div> <div> </div> <div> <p><b>H2 PRO DUSK</b></p> <p>Page 91</p> </div>	<div> </div> <div> <div> </div> <div> </div> </div> <div> <p><b>H2 PRO ELECT TRIMLESS</b></p> <p>Page 93</p> <p><b>H5 TRIMLESS</b></p> <p>Page 100</p> </div>
<div> </div> <div> <div> </div> <div> </div> <div> </div> <div> </div> <div> </div> <div> </div> <div> </div> <div> </div> <div> </div> </div> <div> <p><b>H2 LITE</b></p> <p>Page 83</p> <p><b>H2 LITE 500</b></p> <p>Page 84</p> <p><b>H2 LITE 500 CSW</b></p> <p>Page 85</p> <p><b>H2 LITE 500 CSP</b></p> <p>Page 86</p> <p><b>H2 PRO 550</b></p> <p>Page 87</p> <p><b>H2 PRO 550 SPS</b></p> <p>Page 88</p> <p><b>H2 PRO 550 CS</b></p> <p>Page 89</p> <p><b>H2 PRO ELECT</b></p> <p>Page 92</p> <p><b>H2 PRO 700</b></p> <p>Page 90</p> </div>	
<div> </div> <div> <div> </div> <div> </div> <div> </div> <div> </div> </div> <div> <p><b>H4 PRO 550</b></p> <p>Page 95</p> <p><b>H4 PRO 550 SPS</b></p> <p>Page 96</p> <p><b>H4 PRO ELECT</b></p> <p>Page 98</p> <p><b>H4 PRO 700</b></p> <p>Page 97</p> </div>	
<div> </div> <div> <div> </div> <div> </div> <div> </div> <div> </div> </div> <div> <p><b>H5 500 SYM</b></p> <p>Page 101</p> <p><b>H5 500 ASYM</b></p> <p>Page 102</p> <p><b>H5 1000 SYM</b></p> <p>Page 103</p> <p><b>H5 1000 ASYM</b></p> <p>Page 104</p> </div>	





## H2 Lite

Dimmable, fire-rated LED downlight complete with bezel and Easy-fit connector

### FEATURES

Wattage	4.4W	Input	Mains AC
IP Rating	IP65	Dimmable	Yes
LED Lifetime	40,000h L70, B10	Flicker Free	Yes
SDCM	3SDCM		

### PHOTOMETRICS @ 25°C

Colour	Beam Angle	Finish	Product Code	CRI	lm	lm/W	lx at 1m
4000K	55°	B / steel	DLT388BS5540	>80Ra	460	105	527
4000K	55°	Matt white	DLT388MW5540	>80Ra	460	105	527
3000K	55°	B / steel	DLT388BS5530	>80Ra	440	100	504
3000K	55°	Matt white	DLT388MW5530	>80Ra	440	100	504

### INSTALLATION INFORMATION

Install Connector Type	Easy-fit-first fix	Weight	160g
Insulation Coverable	Rolled insulation	Inrush Current	1A 0.25ms
Cut-Out Size	Ø 64-72mm	Construction Material	Mild steel / VO rated plastic insulation protector built in
Bathroom Zone	1	Maximum Ceiling Thickness	40mm
Face Temperature	40°C	Ambient Temperature	40°C
Building Regulations	Part B (fire protection), C (moisture protection), E (acoustic protection), P (electrical safety) and L (conservation of energy - 2014 regulations)		

### WIRING INFORMATION

Cable / Flying Lead	0.15m (Class II)
Cable Required for Connector	Push-fit terminal for: Twin & Earth (6242Y 2x1.5mm <sup>2</sup> ) or 3-core cable (R02V 3x1.5mm <sup>2</sup> )
Type of Wiring Required	Parallel (mains) 220-240V AC 50/60Hz

### LED DRIVERS

Product Code	Input Voltage	Input Current	Power Factor	Dimming	Bathroom Zone
N/A (integrated SELV driver)	220-240V	-	>0.8	Yes (mains)	1 (ceiling only)

### ACCESSORIES

Product Code	Description	
DLCONVERT70	Converter plate	105
DM298GRID	LED mains grid dimmer	106
DM298FP	Faceplate dimmer	106

### GUARANTEE / WARRANTY

4 year extended warranty available

### FEATURES & BENEFITS

100lm/W+

Insulation coverable

Only 4.4W

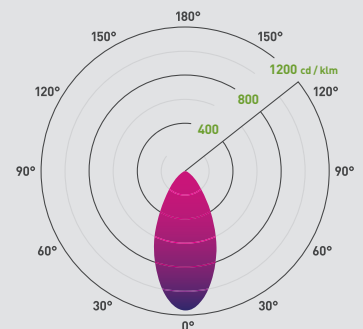
Uses single point source technology to replicate traditional halogen look

Mains dimmable

Compact integral driver for easy installation

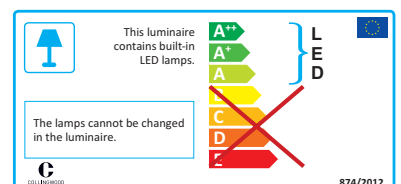
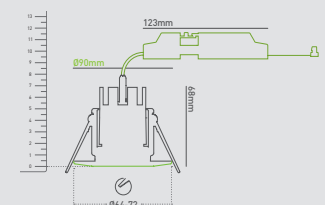
Easy-fit connector included

LED downlight complete with bezel for a straightforward fit



Beam angle: 55°

Additional diagrams available at [collingwoodlighting.com](http://collingwoodlighting.com)





## H2 Lite 500

Single point source, dimmable, fire-rated LED downlight complete with bezel and terminal connector

### FEATURES

Wattage	5W	Input	Mains AC
IP Rating	IP65	Dimmable	Yes
LED Lifetime	40,000h L70, B10	Flicker Free	Yes
SDCM	3SDCM		

### PHOTOMETRICS @ 25°C

Colour	Beam Angle	Finish	Product Code	CRI	lm	lm/W	lx at 1m
4000K	60°	B / steel	DLT469BS6040	>80Ra	500	100	460
4000K	60°	Matt white	DLT469MW6040	>80Ra	500	100	460
3000K	60°	B / steel	DLT469BS6030	>80Ra	500	100	460
3000K	60°	Matt white	DLT469MW6030	>80Ra	500	100	460

### INSTALLATION INFORMATION

Install Connector Type	Push-fit terminal connector included	Weight	230g
Insulation Coverable	Rolled insulation	Inrush Current	1.2A 0.03ms
Cut-Out Size	Ø 64-72mm	Construction Material	Mild steel / VO rated plastic insulation protector built in
Bathroom Zone	1	Maximum Ceiling Thickness	40mm
Face Temperature	50°C	Ambient Temperature	40°C
Building Regulations	Part B (fire protection), C (moisture protection), E (acoustic protection), P (electrical safety) and L (conservation of energy - 2014 regulations)		

### WIRING INFORMATION

Cable / Flying Lead	0.15m (Class II)
Cable Required for Connector	Push-fit terminal for: Twin & Earth (6242Y 2x1.5mm²) or 3-core cable (R02V 3x1.5mm²)
Type of Wiring Required	Parallel (mains) 220-240V AC 50/60Hz

### LED DRIVERS

Product Code	Input Voltage	Input Current	Power Factor	Dimming	Bathroom Zone
N/A (integrated SELV driver)	220-240V	-	>0.85	Yes (mains)	1 (ceiling only)

### ACCESSORIES

Product Code	Description	
DLCONVERT70	Converter plate	105
DM298GRID	LED mains grid dimmer	106
DM298FP	Faceplate dimmer	106

### GUARANTEE / WARRANTY

4 year extended warranty available

### FEATURES & BENEFITS

100lm/W

Only 5W

Mains dimmable

LED downlight complete with bezel for a straightforward fit

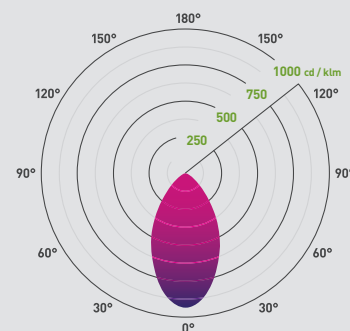
Flexible driver position for easy installation

Push-fit terminal connector included

Shallow depth of 49mm

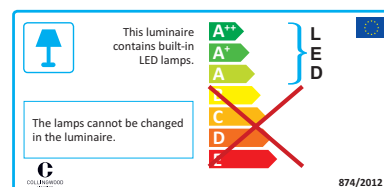
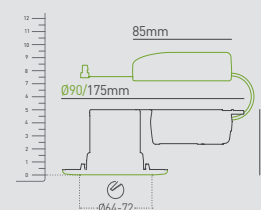
Uses single point source technology to replicate traditional halogen look

Compatible with rolled insulation



Beam angle: 60°

Additional diagrams available at [collingwoodlighting.com](http://collingwoodlighting.com)







## H2 Lite 500 CSW

Wall controlled, colour switchable, dimmable, fire-rated LED downlight complete with bezel and terminal connector

### FEATURES

Wattage	6.4W	Dimmable	Yes
Color Switchable	Yes	Input	Mains
IP Rating	IP65	LED lifetime	40,000h L70, B10

### PHOTOMETRICS @ 25°C

Colour	Beam angle	Product code	CRI	lm	lm/W	lx at 1m
6500K	65°	DLT470BS6500	>80Ra	510	80	414
4000K	65°		>80Ra	510	80	414
3000K	65°		>80Ra	490	77	397
6500K	65°	DLT470MW6500	>80Ra	510	80	414
4000K	65°		>80Ra	510	80	414
3000K	65°		>80Ra	490	77	397

CCT is chosen by switching wall dimmer / switch

### INSTALLATION INFORMATION

Easy install connector type	Push-fit terminal connector included	Weight	230g
Insulation coverable	Rolled insulation	Inrush current	1.1A 0.02ms
Cut-out size	Ø 64-72mm	Construction material	Mild steel / VO rated plastic insulation protector built in
Bathroom zone	1	Maximum ceiling thickness	40mm
Face temperature	40°C	Ambient temperature	40°C
Building regulations	Part B (fire protection), C (moisture protection), E (acoustic protection), P (electrical safety) and L (conservation of energy - 2014 regulations)		

### WIRING INFORMATION

Cable / flying lead	0.15m (Class III)
Cable required for connector	Push-fit terminal for: Twin & Earth (6242 2x1.5mm²) or 3-core cable (R02V 3x1.5mm²)
Type of wiring required	Parallel (mains) 220-240V AC 50/60Hz

### LED DRIVERS

Product code	Input	SELV	Dimming	Bathroom zone	Min	Max
N/A (integrated SELV driver)	220-240V	SELV	Yes (mains)	2 (ceiling only)	N/A	N/A

### ACCESSORIES

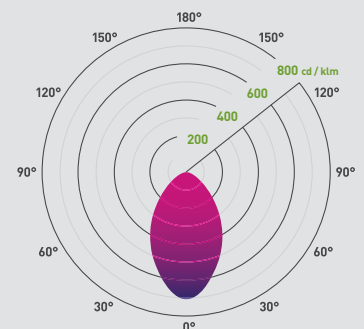
Product code	Description	
DLCONVERT	Converter plate	105
DM298GRID	LED mains grid dimmer	106
DM298FP	Faceplate dimmer	106

### GUARANTEE / WARRANTY

4 year extended warranty available

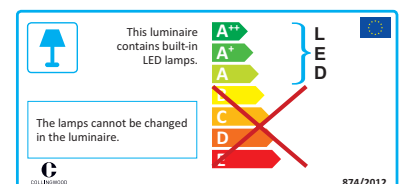
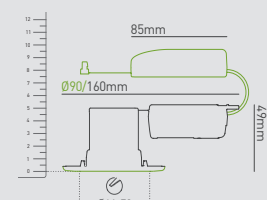
### FEATURES & BENEFITS

- 3 colour temperatures in one product
- Easily choose CCT with standard wall switch or dimmer
- High efficacy of up to 80lm/W
- Mains dimmable
- Push-fit terminal connector included
- LED downlight complete with bezel for a straightforward fit
- Flexible driver position for easy installation
- Shallow depth of 49mm
- Compatible with rolled insulation



Beam angle: 65°

Additional diagrams available at [collingwoodlighting.com](http://collingwoodlighting.com)





## GUARANTEE / WARRANTY

4 year extended warranty available

## H2 Lite 500 CSP

Colour switchable, dimmable, fire-rated LED downlight with integrated push-fit terminal connector

### FEATURES

Wattage	6.4W	Dimmable	Yes
Color Switchable	Yes	Input	Mains
IP Rating	IP65	LED lifetime	40,000h L70, B10

### PHOTOMETRICS @ 25°C

Colour	Beam angle	Product code	CRI	lm	lm/W	lx at 1m
6500K	60°	DLT4566000	>80Ra	550	86	466
4000K	60°		>80Ra	540	84	458
3000K	60°		>80Ra	525	82	445

CCT is chosen by a switch under the product bezel

### INSTALLATION INFORMATION

Easy install connector type	Push-fit terminal connector	Weight	208g
Insulation coverable	Rolled insulation	Inrush current	2.2A 0.02ms
Cut-out size	Ø 64-72mm	Construction material	Mild steel / VO rated plastic insulation protector built in
Bathroom zone	1	Maximum ceiling thickness	40mm
Face temperature	40°C	Ambient temperature	40°C
Building regulations	Part B (fire protection), C (moisture protection), E (acoustic protection), P (electrical safety) and L (conservation of energy - 2014 regulations)		

### WIRING INFORMATION

Cable / flying lead	0.15m (Class II)
Cable required for connector	Push-fit terminal for: Twin & Earth (6242 2x1.5mm²) or 3-core cable (R02V 3x1.5mm²)
Type of wiring required	Parallel (mains) 220-240V AC 50/60Hz

### LED DRIVERS

Product code	Input	SELV	Dimming	Bathroom zone	Min	Max
N/A (integrated SELV driver)	220-240V	SELV	Yes (mains)	2 (ceiling only)	N/A	N/A

### ACCESSORIES

Product code	Description	
H2 range bezels	Round & square H2 bezel options	94
DLCONVERT	Converter plate	105
DM298GRID	LED mains grid dimmer	106
DM298FP	Faceplate dimmer	106

## FEATURES & BENEFITS

3 colour temperatures in one product

Easily choose CCT with a switch under the bezel

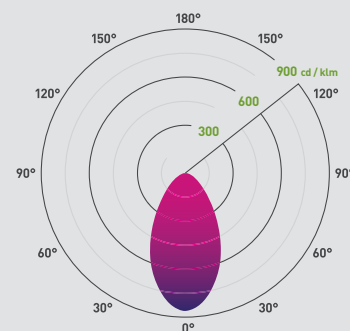
High efficacy of up to 86lm/W

Mains dimmable

Integrated loop in, loop out, push-fit terminal connector included

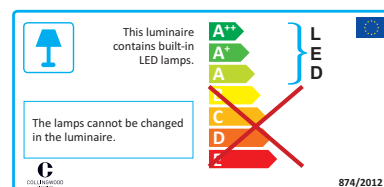
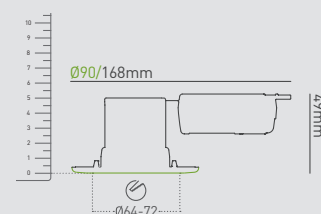
Flexible driver position for easy installation

Compatible with rolled insulation



Beam angle: 60°

Additional diagrams available at [collingwoodlighting.com](http://collingwoodlighting.com)







## H2 Pro 550

Dimmable, fire-rated LED downlight

### FEATURES

Wattage	5.2W	Input	Mains AC
IP Rating	IP65	Dimmable	Yes
LED Lifetime	70,000h L70, B10	Flicker Free	Yes
SDCM	3SDCM		
Emergency Version Available	Yes, call 01604 495 151 for more information		

### PHOTOMETRICS @ 25°C

Colour	Beam Angle	Product Code	CRI	lm	lm/W	lx at 1m
4000K	38°	DLT35638NW	>80Ra	580	112	1237
4000K	70°	DLT35660NW	>80Ra	580	112	496
3000K	38°	DLT35638WW	>80Ra	550	106	1173
3000K	70°	DLT35660WW	>80Ra	550	106	462

### INSTALLATION INFORMATION

Install Connector Type	Push-fit terminal connector available	Weight	186g
Inrush Current	0.9A 0.04ms	Cut-Out Size	Ø 64-72mm
Construction Material	Mild steel / V0 rated plastic	Bathroom Zone	1
Maximum Ceiling Thickness	40mm	Face Temperature	40°C
Ambient Temperature	40°C		
Building Regulations	Part B (fire protection), C (moisture protection), E (acoustic protection), P (electrical safety) and L (conservation of energy - 2014 regulations)		

### WIRING INFORMATION

Cable / Flying Lead	0.15m (Class II)
Type of Wiring Required	Parallel (mains) 220-240V AC 50/60Hz

### LED DRIVERS

Product Code	Input Voltage	Input Current	Power Factor	Dimming	Bathroom Zone
N/A (integrated SELV driver)	220-240V	30mA	>0.88	Yes (mains)	1 (ceiling only)

### ACCESSORIES

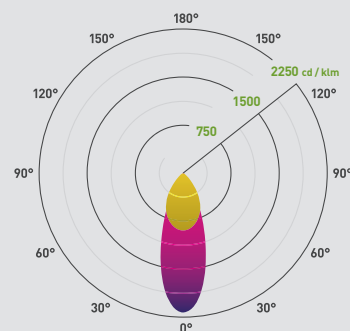
Product Code	Description	
H2 range bezels	Round & square H2 Pro bezel options	94
DLCONVERT70	Converter plate	105

### GUARANTEE / WARRANTY

7 year extended warranty available

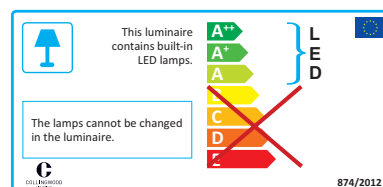
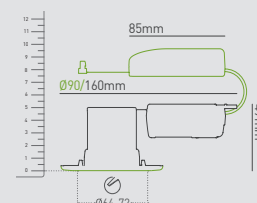
### FEATURES & BENEFITS

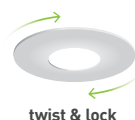
- Up to 112lm/W
- Only 5.2W
- Mains dimmable
- Slimline twist & lock bezels (sold separately)
- Flexible driver position for easy installation
- Shallow depth of 49mm
- Insulation coverable



Beam angle: 38° 70°

Additional diagrams available at [collingwoodlighting.com](http://collingwoodlighting.com)





## H2 Pro 550 SPS

Single point source, dimmable, fire-rated LED downlight

### FEATURES

Wattage	5W	Input	Mains AC
IP Rating	IP65	Dimmable	Yes
LED Lifetime	70,000h L70, B10	Flicker Free	Yes
SDCM	3SDCM		
Emergency Version Available	Yes, call 01604 495 151 for more information		

### PHOTOMETRICS @ 25°C

Colour	Beam Angle	Product Code	CRI	lm	lm/W	lx at 1m
4000K	55°	DLT4335540	>80Ra	560	112	516
3000K	55°	DLT4335530	>80Ra	550	110	506

### INSTALLATION INFORMATION

Install Connector Type	Push-fit terminal connector included	Weight	230g
Insulation Coverable	All insulation	Inrush Current	1.2A 0.03ms
Cut-Out Size	Ø 64-72mm	Construction Material	Mild steel / VO rated plastic insulation protector built in
Bathroom Zone	1	Maximum Ceiling Thickness	40mm
Face Temperature	50°C	Ambient Temperature	40°C
Building Regulations	Part B (fire protection), C (moisture protection), E (acoustic protection), P (electrical safety) and L (conservation of energy - 2014 regulations)		

### WIRING INFORMATION

Cable / Flying Lead	0.15m (Class II)
Cable Required for Connector	Push-fit terminal for: Twin & Earth (6242Y 2x1.5mm²) or 3-core cable (R02V 3x1.5mm²)
Type of Wiring Required	Parallel (mains) 220-240V AC 50/60Hz

### LED DRIVERS

Product Code	Input Voltage	Input Current	Power Factor	Dimming	Bathroom Zone
N/A (integrated SELV driver)	220-240V	-	>0.85	Yes (mains)	1 (ceiling only)

### ACCESSORIES

Product Code	Description	
H2 range bezels	Round & square H2 Pro bezel options	94
DLCONVERT70	Converter plate	105
DM298GRID	LED mains grid dimmer	106
DM298FP	Faceplate dimmer	106
LEDEP06	LED emergency pack	109

### GUARANTEE / WARRANTY

7 year extended warranty available

### FEATURES & BENEFITS

110lm/W+

Only 5W

Mains dimmable

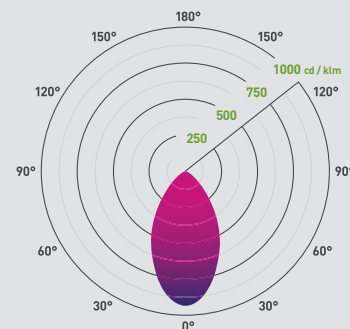
Slimline twist & lock bezels (sold separately)

Flexible driver position for easy installation

Shallow depth of 49mm

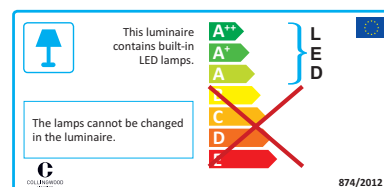
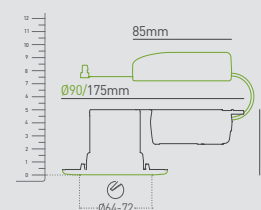
Uses single point source technology to replicate traditional halogen look

Compatible with all types of insulation

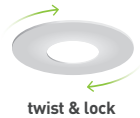


Beam angle: 55°

Additional diagrams available at [collingwoodlighting.com](http://collingwoodlighting.com)







## H2 Pro 550 CS

Colour switchable, dimmable, fire-rated LED downlight

### FEATURES

Wattage	6.4W	Dimmable	Yes
Color Switchable	Yes	Input	Mains
IP Rating	IP65	LED lifetime	70,000h L70, B10
Emergency Version Available	Yes, call 01604 495 151 for more information		

### PHOTOMETRICS

Colour	Beam angle	Product code	CRI	lm	lm/W	lx at 1m
6500K	65°	DLT470BS6500	>80Ra	510	80	414
4000K	65°		>80Ra	510	80	414
3000K	65°		>80Ra	490	77	397

CCT is chosen by switching wall dimmer / switch

### INSTALLATION INFORMATION

Easy install connector type	Push-fit terminal connector included	Weight	186g
Insulation coverable	All insulation	Inrush current	1.1A 0.02ms
Cut-out size	Ø 64-72mm	Construction material	Mild steel / VO rated plastic insulation protector built in
Bathroom zone	1	Maximum ceiling thickness	40mm
Face temperature	40°C	Ambient temperature	40°C
Building regulations	Part B (fire protection), C (moisture protection), E (acoustic protection), P (electrical safety) and L (conservation of energy - 2014 regulations)		

### WIRING INFORMATION

Cable / flying lead	0.15m (Class II)
Cable required for connector	Push-fit terminal for: Twin & Earth (6242 2x1.5mm²) or 3-core cable (R02V 3x1.5mm²)
Type of wiring required	Parallel (mains) 220-240V AC 50/60Hz

### LED DRIVERS

Product code	Input voltage	Input Current	Power Factor	Dimming	Bathroom zone
N/A (integrated SELV driver)	220-240V	-	>0.9	Yes (mains)	1 (ceiling only)

### ACCESSORIES

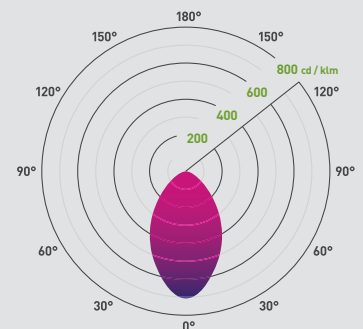
Product code	Description	
H2 range bezels	Round & square H2 Pro bezels options	94
DLCONVERT	Converter plate	105
DM298GRID	LED mains grid dimmer	106
DM298FP	Faceplate dimmer	106

### GUARANTEE / WARRANTY

7 year extended warranty available

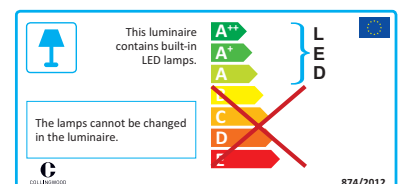
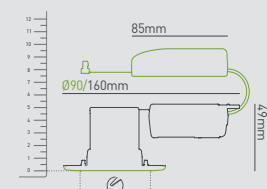
### FEATURES & BENEFITS

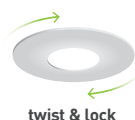
- 3 colour temperatures in one product
- Easily choose CCT with standard wall switch or dimmer
- High efficacy of up to 80lm/W
- Mains dimmable
- Push-fit terminal connector included
- LED downlight complete with bezel for a straightforward fit
- Flexible driver position for easy installation
- Shallow depth of 49mm
- Compatible with rolled insulation



Beam angle: 65°

Additional diagrams available at [collingwoodlighting.com](http://collingwoodlighting.com)





## H2 Pro 700

Dimmable, fire-rated LED downlight

### FEATURES

Wattage	7W	Input	Mains AC
IP Rating	IP65	Dimmable	Yes
LED Lifetime	70,000h L70, B10	Flicker Free	Yes
SDCM	3SDCM		
Emergency Version Available	Yes, call 01604 495 151 for more information		

### PHOTOMETRICS @ 25°C

Colour	Beam Angle	Product Code	CRI	lm	lm/W	lx at 1m
4000K	55°	DLT2425540	>80Ra	750	107	604
3000K	55°	DLT2425530	>80Ra	700	100	564
2700K	55°	DLT2425527	>80Ra	700	100	564

### INSTALLATION INFORMATION

Install Connector Type	Push-fit terminal connector included	Weight	360g
Inrush Current	0.9A 0.03ms	Cut-Out Size	Ø 64-72mm
Construction Material	Mild steel / VO rated plastic	Bathroom Zone	1
Maximum Ceiling Thickness	40mm	Face Temperature	40°C
Ambient Temperature	40°C		
Building Regulations	Part B (fire protection), C (moisture protection), E (acoustic protection), P (electrical safety) and L (conservation of energy - 2014 regulations)		

### WIRING INFORMATION

Cable Required for Connector	Push-fit terminal for: Twin & Earth (6242Y 2x1.5mm²) or 3-core cable (R02V 3x1.5mm²)
Type of Wiring Required	Parallel (mains) 220-240V AC 50/60Hz

### LED DRIVERS

Product Code	Input Voltage	Input Current	Power Factor	Dimming	Bathroom Zone
N/A (integrated SELV driver)	220-240V	33mA	>0.9	Yes (mains)	1 (ceiling only)

### ACCESSORIES

Product Code	Description	
H2 range bezels	Round & square H2 Pro bezel options	94
DLCONVERT70	Converter plate	105
14800121 (SPOTCLIP-III)	Insulation cover cap for recessed downlights	108
DM298GRID	LED mains grid dimmer	106
DM298FP	Faceplate dimmer	106
LEDEP06	LED emergency pack	109

### GUARANTEE / WARRANTY

7 year extended warranty available

### FEATURES & BENEFITS

100lm/W+

Uses single point source technology to replicate traditional halogen look

55° beam angle offers superior illumination and allows for larger spacing between downlights

High lumen output suitable for high ceilings

Shallow depth of 50mm

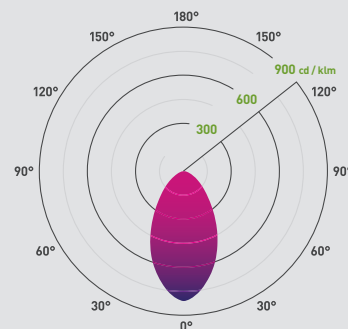
Push-fit terminal connector included

Slimline twist & lock bezels (sold separately)

Flexible driver position for easy installation

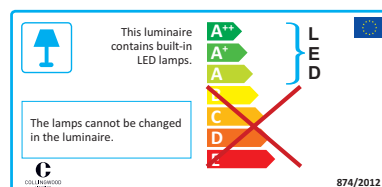
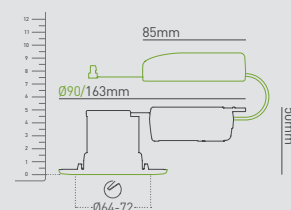
Mains dimmable

Only 7W



Beam angle: 55°

Additional diagrams available at [collingwoodlighting.com](http://collingwoodlighting.com)







## H2 Pro Dusk

Dim to warm, fire-rated LED downlight

### FEATURES

Wattage	8.2W	Dim to Warm	Yes
Input	Mains AC	IP Rating	IP65
LED Lifetime	70,000h L70, B10	Flicker Free	Yes
SDCM	3SDCM		
Emergency Version Available	Yes, call 01604 495 151 for more information		

### PHOTOMETRICS @ 25°C

Colour	Beam Angle	Product Code	CRI	lm	lm/W	lx at 1m
2800-2000K	55°	DLT2425528	>80Ra	530	65	490

Photometric data taken when product is at full brightness. Lumen output will be anything between 530 - 50 when dimmed.

### INSTALLATION INFORMATION

Install Connector Type	Push-fit terminal connector included	Weight	270g
Inrush Current	15.5A 0.2ms	Cut-Out Size	Ø 60-70mm
Construction Material	Mild steel / aluminium	Bathroom Zone	1
Maximum Ceiling Thickness	40mm	Face Temperature	<50°C
Ambient Temperature	35°C		
Building Regulations	Part B (fire protection), C (moisture protection), E (acoustic protection), P (electrical safety) and L (conservation of energy - 2014 regulations)		

### WIRING INFORMATION

Cable Required for Connector	Push-fit terminal for: Twin & Earth (6242Y 2x1.5mm²) or 3-core cable (R02V 3x1.5mm²)
Type of Wiring Required	Parallel (mains) 220-240V AC 50/60Hz

### LED DRIVERS

Product Code	Input Voltage	Input Current	Power Factor	Dimming	Bathroom Zone
N/A (integrated SELV driver)	220-240V	36mA	0.96	Yes (mains)	1 (ceiling only)

### ACCESSORIES

Product Code	Description	
H2 range bezels	Round & square H2 Pro bezel options	94
DLCONVERT70	Converter plate	105
14800121 (SPOTCLIP-III)	Insulation cover cap for recessed downlights	108
DM298GRID	LED mains grid dimmer	106
DM298FP	Faceplate dimmer	106
LEDEP06	LED emergency pack	109

### GUARANTEE / WARRANTY

7 year extended warranty available

### FEATURES & BENEFITS

Dim to warm technology creates warmer environments by reducing the colour temperature during dimming

Uses single point source technology to replicate traditional halogen look

55° beam angle offers superior illumination and allows for larger spacing between downlights

Push-fit terminal connector included

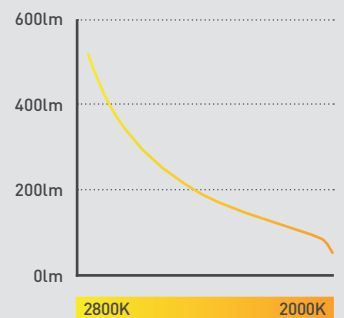
Slimline twist & lock bezels (sold separately)

Flexible driver position for easy installation

Mains dimmable

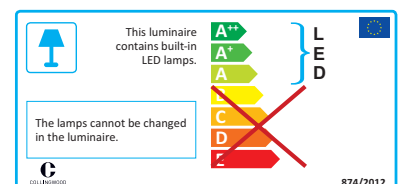
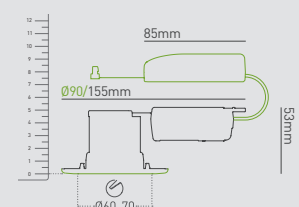
Shallow depth of 53mm

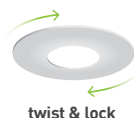
Only 8.2W



Beam angle: 55°

Additional diagrams available at [collingwoodlighting.com](http://collingwoodlighting.com)





## GUARANTEE / WARRANTY

7 year extended warranty available

## H2 Pro Elect

Low glare, dimmable, fire-rated LED downlight

### FEATURES

Wattage	8.5W	Dim to Warm	Yes
Input	Mains AC	IP Rating	IP20
Dimmable	Yes	LED Lifetime	70,000h L70, B10
UGR Rating	UGR 14	Flicker Free	Yes
SDCM	3SDCM		
Emergency Version Available	Yes, call 01604 495 151 for more information		

### PHOTOMETRICS @ 25°C

Colour	Beam Angle	Product Code	CRI	lm	lm/W	lx at 1m
4000K	45°	DLT4074540	>80Ra	640	75	1077
3000K	45°	DLT4074530	>80Ra	600	71	1009
3000-1800K	45°	DLT4074528	>80Ra	380	46	588

Dim to warm photometric data taken when product is at full brightness. Lumen output will be anything between 380 - 50 when dimmed.

### INSTALLATION INFORMATION

Install Connector Type	Push-fit terminal connector included	Weight	240g
Inrush Current	1.4A 0.04ms	Cut-Out Size	Ø 64-72mm
Construction Material	Mild steel / aluminium	Maximum Ceiling Thickness	40mm
Face Temperature	<50°C	Ambient Temperature	40°C
Building Regulations	Part B (fire protection), C (moisture protection), E (acoustic protection), P (electrical safety) and L (conservation of energy - 2014 regulations)		

### WIRING INFORMATION

Cable / Flying Lead	0.15m (Class II)
Cable Required for Connector	Push-fit terminal for: Twin & Earth (6242Y 2x1.5mm²) or 3-core cable (R02V 3x1.5mm²)
Type of Wiring Required	Parallel (mains) 220-240V AC 50/60Hz

### LED DRIVERS

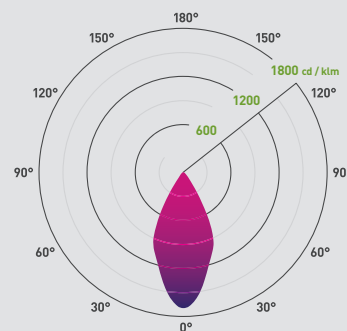
Product Code	Input Voltage	Input Current	Power Factor	Dimming	Bathroom Zone
N/A (integrated SELV driver)	220-240V	36mA	0.95	Yes (mains)	-

### ACCESSORIES

Product Code	Description	
H2 range bezels	Round & square H2 Pro bezel options	94
DLCONVERT70	Converter plate	105
14800121 (SPOTCLIP-III)	Insulation cover cap for recessed downlights	108
DM298GRID	LED mains grid dimmer	106
DM298FP	Faceplate dimmer	106
LEDEP06	LED emergency pack	109

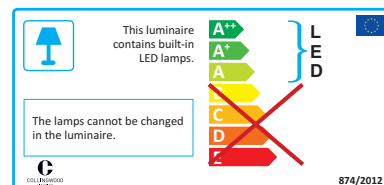
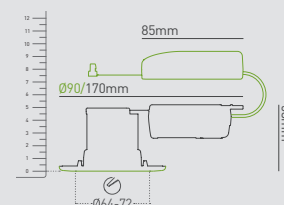
## FEATURES & BENEFITS

- Low glare downlight - UGR 14
- 45° beam angle for wide illumination
- Push-fit terminal connector included
- Slimline twist & lock bezels (sold separately)
- Shallow depth of 53mm
- Flexible driver position for easy installation
- Dim to warm option available
- Mains dimmable



Beam angle: 45°

Additional diagrams available at [collingwoodlighting.com](http://collingwoodlighting.com)







## H2 Pro Elect Trimless

Low glare, plaster-in, trimless, dimmable, fire-rated LED downlight

### FEATURES

Wattage	8.5W	Dim to Warm	Yes
Input	Mains AC	IP Rating	IP20
Dimmable	Yes	LED Lifetime	70,000h L70, B10
UGR Rating	UGR 14	Flicker Free	Yes
SDCM	3SDCM		
Emergency Version Available	Yes, call 01604 495 151 for more information		

### PHOTOMETRICS @ 25°C

Colour	Beam Angle	Product Code	CRI	lm	lm/W	lx at 1m
4000K	45°	DL4094540	>80Ra	700	82	1178
3000K	45°	DL4094530	>80Ra	650	76	1094
3000-1800K	45°	DL4094528	>90Ra	380	54	588

Dim to warm photometric data taken when product is at full brightness. Lumen output will be anything between 380 - 50 when dimmed.

### INSTALLATION INFORMATION

Weight	240g	Inrush Current	1.4A 0.04ms
Cut-Out Size	Ø 64mm	Construction Material	Mild steel / aluminium
Maximum Ceiling Thickness	40mm	Face Temperature	<50°C
Ambient Temperature	40°C		
Building Regulations	Part B (fire protection), C (moisture protection), E (acoustic protection), P (electrical safety) and L (conservation of energy - 2014 regulations)		

### WIRING INFORMATION

Cable / Flying Lead	0.15m (Class II, complete with GST first fix connector)
Type of Wiring Required	Parallel (mains) 220-240V AC 50/60Hz

### LED DRIVERS

Product Code	Input Voltage	Input Current	Power Factor	Dimming	Bathroom Zone
N/A (integrated SELV driver)	220-240V	39mA	>0.95	Yes (mains)	-

### ACCESSORIES

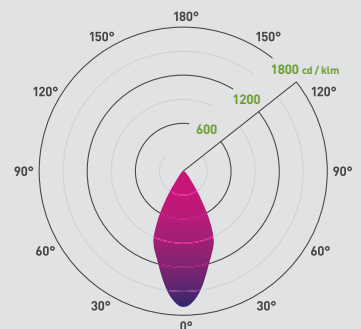
Product Code	Description	
14800121 (SPOTCLIP-III)	Insulation cover cap for recessed downlights	108
DM298GRID	LED mains grid dimmer	106
DM298FP	Faceplate dimmer	106
LEDEP06	LED emergency pack	109

### GUARANTEE / WARRANTY

7 year extended warranty available

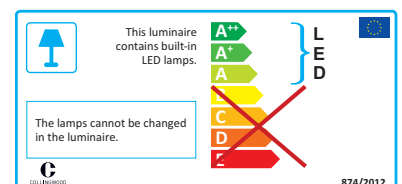
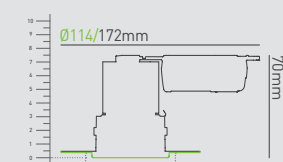
### FEATURES & BENEFITS

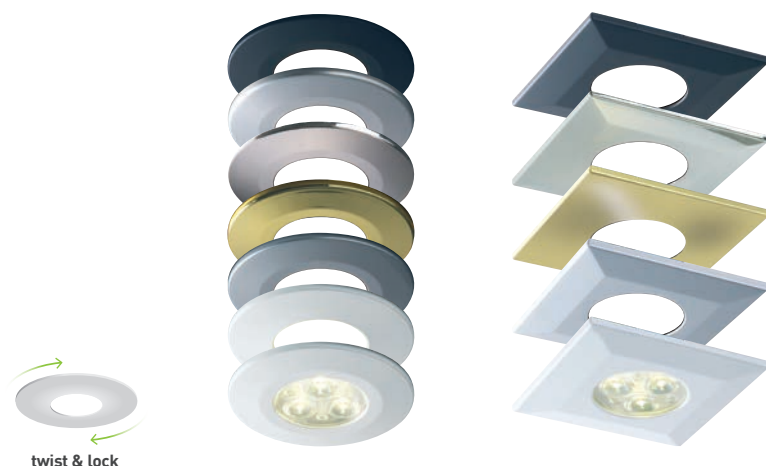
- Low glare downlight - UGR 14
- 45° beam angle for wide illumination
- Plaster-in downlight
- Flexible driver position for easy installation
- Dim to warm option available
- Mains dimmable



Beam angle: 45°

Additional diagrams available at [collingwoodlighting.com](http://collingwoodlighting.com)





## GUARANTEE / WARRANTY

7 year extended warranty available

## H2 bezels

Bezel options for H2 range

### FEATURES

Construction material Plastic

### PRODUCT DATA

Finish	Product code	Description
Black	RB359BLK	Round matt black bezel
Black	SQB360BLK	Square matt black bezel
Brushed steel	RB359BS	Round brushed steel bezel
Chrome	RB359CR	Round chrome bezel
Chrome	SQB360CR	Square chrome bezel
Polished gold	RB359PG	Round polished gold bezel
Polished gold	SQB360PG	Square polished gold bezel
Silver	RB359SIL	Round silver bezel
Silver	SQB360SIL	Square silver bezel
Matt white	RB359MW	Round matt white bezel
Matt white	SQB360MW	Square matt white bezel
Gloss white	RB359WH	Round white bezel

## FEATURES & BENEFITS

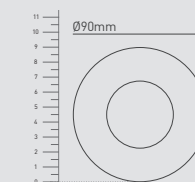
Twist & lock system makes interchanging bezels quick, clean and easy

Can be fitted after decoration is complete

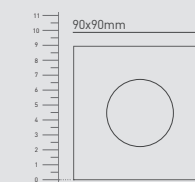
Matt white and black bezels can be painted with a wide range of paints designed for domestic ceiling use

Sold in multiples of two

### Round Bezel



### Square Bezel







## H4 Pro 550

±20° adjustable downlight to adjust direction of light

### FEATURES

Wattage	5.2W	Input	Mains AC
IP Rating	IP65	Dimmable	Yes
Tilttable	20°	LED Lifetime	70,000h L70, B10
Flicker Free	Yes	SDCM	3SDCM
Emergency Version Available	Yes, call 01604 495 151 for more information		

### PHOTOMETRICS @ 25°C

Colour	Beam Angle	Product Code	CRI	lm	lm/W	lx at 1m
4000K	38°	DLT4353840	>80Ra	580	112	1237
4000K	70°	DLT4357040	>80Ra	580	112	496
3000K	38°	DLT4353830	>80Ra	550	106	1173
3000K	70°	DLT4357030	>80Ra	550	106	462

### INSTALLATION INFORMATION

Install Connector Type	Push-fit terminal connector included	Weight	250g
Insulation Coverable	All insulation	Inrush Current	0.9A 0.04ms
Cut-Out Size	Ø 69-72mm	Construction Material	Mild steel / VO rated plastic insulation protector built in
Bathroom Zone	1	Maximum Ceiling Thickness	40mm
Face Temperature	40°C	Ambient Temperature	40°C
Building Regulations	Part B (fire protection), C (moisture protection), E (acoustic protection), P (electrical safety) and L (conservation of energy - 2014 regulations)		

### WIRING INFORMATION

Cable / Flying Lead	0.15m (Class II)
Cable Required for Connector	Push-fit terminal for: Twin & Earth (6242Y 2x1.5mm²) or 3-core cable (R02V 3x1.5mm²)
Type of Wiring Required	Parallel (mains) 220-240V AC 50/60Hz

### LED DRIVERS

Product Code	Input Voltage	Input Current	Power Factor	Dimming	Bathroom Zone
N/A (integrated SELV driver)	220-240V	30mA	>0.88	Yes (mains)	1 (ceiling only)

### ACCESSORIES

Product Code	Description	
H4 Pro range bezels	Round H4 Pro bezel options	99
DLCONVERT70	Converter plate	105
DM298GRID	LED mains grid dimmer	106
DM298FP	Faceplate dimmer	106

### GUARANTEE / WARRANTY

7 year extended warranty available

### FEATURES & BENEFITS

106lm/W+

Slimline twist & lock bezels (sold separately)

Shallow depth of 50mm

Insulation coverable

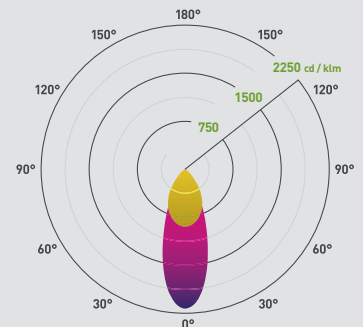
Push-fit terminal connector included

Only 5.2W

Flexible driver position for easy installation

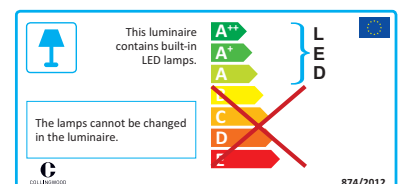
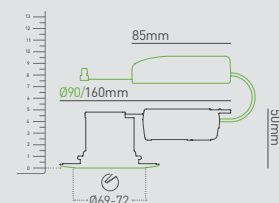
Mains dimmable

±20° adjustable downlight to adjust direction of light



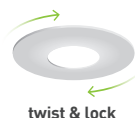
Beam angle: 38° 70°

Additional diagrams available at [collingwoodlighting.com](http://collingwoodlighting.com)





COLLINGWOOD  
LIGHTING



## H4 Pro 550 SPS

±20° adjustable, single point source, dimmable, fire-rated LED downlight

### FEATURES

Wattage	5W	Input	Mains AC
IP Rating	IP65	Dimmable	Yes
Tiltable	20°	LED Lifetime	70,000h L70, B10
Flicker Free	Yes	SDCM	3SDCM
Emergency Version Available	Yes, call 01604 495 151 for more information		

### PHOTOMETRICS @ 25°C

Colour	Beam Angle	Product Code	CRI	lm	lm/W	lx at 1m
4000K	55°	DLT4365540	>80Ra	560	112	516
3000K	55°	DLT4365530	>80Ra	550	110	506

### INSTALLATION INFORMATION

Install Connector Type	Push-fit terminal connector included	Weight	240g
Insulation Coverable	All insulation	Inrush Current	1.2A 0.03ms
Cut-Out Size	Ø 69-72mm	Construction Material	Mild steel / VO rated plastic insulation protector built in
Bathroom Zone	1	Maximum Ceiling Thickness	40mm
Face Temperature	50°C	Ambient Temperature	40°C
Building Regulations	Part B (fire protection), C (moisture protection), E (acoustic protection), P (electrical safety) and L (conservation of energy - 2014 regulations)		

### WIRING INFORMATION

Cable / Flying Lead	0.15m (Class II)
Cable Required for Connector	Push-fit terminal for: Twin & Earth (6242Y 2x1.5mm²) or 3-core cable (R02V 3x1.5mm²)
Type of Wiring Required	Parallel (mains) 220-240V AC 50/60Hz

### LED DRIVERS

Product Code	Input Voltage	Input Current	Power Factor	Dimming	Bathroom Zone
N/A (integrated SELV driver)	220-240V	25mA	>0.86	Yes (mains)	1 (ceiling only)

### ACCESSORIES

Product Code	Description	
H4 Pro range bezels	Round H4 Pro bezel options	99
DLCONVERT70	Converter plate	105
DM298GRID	LED mains grid dimmer	106
DM298FP	Faceplate dimmer	106
LEDEP06	LED emergency pack	109

### GUARANTEE / WARRANTY

7 year extended warranty available

### FEATURES & BENEFITS

±20° adjustable downlight to adjust direction of light

110lm/W+

Slimline twist & lock bezels (sold separately)

Shallow depth of 50mm

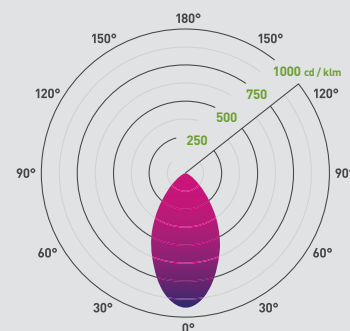
Insulation coverable

Uses single point source technology to replicate traditional halogen look

Flexible driver position for easy installation

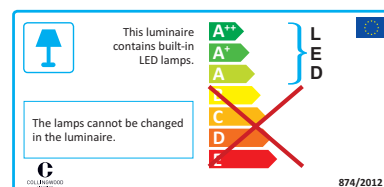
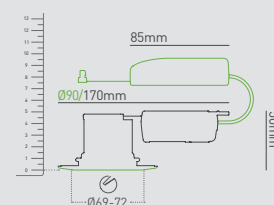
Only 5W

Mains dimmable

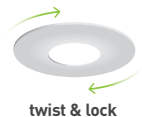


Beam angle: 55°

Additional diagrams available at [collingwoodlighting.com](http://collingwoodlighting.com)







## H4 Pro 700

±20° adjustable, dimmable, fire-rated LED downlight

### FEATURES

Wattage	7W	Input	Mains AC
IP Rating	IP65	Dimmable	Yes
Tilttable	20°	LED Lifetime	70,000h L70, B10
Flicker Free	Yes	SDCM	3SDCM
Emergency Version Available	Yes, call 01604 495 151 for more information		

### PHOTOMETRICS @ 25°C

Colour	Beam Angle	Product Code	CRI	lm	lm/W	lx at 1m
4000K	55°	DLT4435540	>80Ra	750	107	604
3000K	55°	DLT4435530	>80Ra	700	100	564
2700K	55°	DLT4435527	>80Ra	700	100	564

### INSTALLATION INFORMATION

Install Connector Type	Push-fit terminal connector included	Weight	240g
Inrush Current	0.9A 0.03ms	Cut-Out Size	Ø 69-72mm
Construction Material	Mild steel / V0 rated plastic	Bathroom Zone	1
Maximum Ceiling Thickness	40mm	Face Temperature	40°C
Ambient Temperature	40°C		
Building Regulations	Part B (fire protection), C (moisture protection), E (acoustic protection), P (electrical safety) and L (conservation of energy - 2014 regulations)		

### WIRING INFORMATION

Cable / Flying Lead	0.15m (Class II)
Cable Required for Connector	Push-fit terminal for: Twin & Earth (6242Y 2x1.5mm²) or 3-core cable (R02V 3x1.5mm²)
Type of Wiring Required	Parallel (mains) 220-240V AC 50/60Hz

### LED DRIVERS

Product Code	Input Voltage	Input Current	Power Factor	Dimming	Bathroom Zone
N/A (integrated SELV driver)	220-240V	33mA	>0.9	Yes (mains)	1 (ceiling only)

### ACCESSORIES

Product Code	Description	
H4 Pro range bezels	Round H4 Pro bezel options	99
DLCONVERT70	Converter plate	105
DM298GRID	LED mains grid dimmer	106
DM298FP	Faceplate dimmer	106
LEDEP06	LED emergency pack	109

### GUARANTEE / WARRANTY

7 year extended warranty available

### FEATURES & BENEFITS

±20° adjustable downlight to adjust direction of light

100lm/W+

Uses single point source technology to replicate traditional halogen look

55° beam angle offers superior illumination and allows for larger spacing between downlights

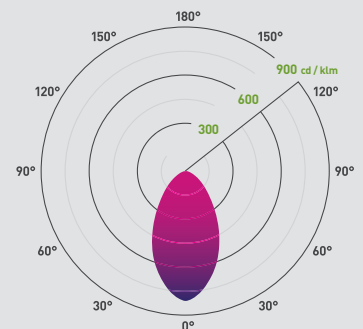
High lumen output suitable for high ceilings

Shallow depth of 50mm

Push-fit terminal connector included

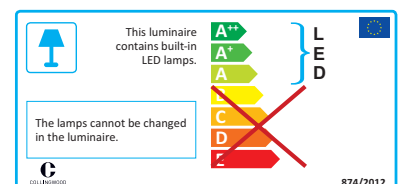
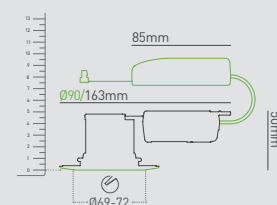
Slimline twist & lock bezels (sold separately)

Mains dimmable



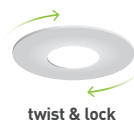
Beam angle: 55°

Additional diagrams available at [collingwoodlighting.com](http://collingwoodlighting.com)





COLLINGWOOD  
LIGHTING



twist & lock

## H4 Pro Elect

±20° adjustable, low glare, dimmable, fire-rated LED downlight

### FEATURES

Wattage	8.5W	Dim to Warm	Yes
Input	Mains AC	IP Rating	IP20
Dimmable	Yes	Tilttable	20°
LED Lifetime	70,000h L70, B10	UGR Rating	UGR 14
Flicker Free	Yes	SDCM	3SDCM
Emergency Version Available	Yes, call 01604 495 151 for more information		

### PHOTOMETRICS @ 25°C

Colour	Beam Angle	Product Code	CRI	lm	lm/W	lx at 1m
4000K	45°	DLT4414540	>80Ra	700	82	1178
3000K	45°	DLT4414530	>80Ra	650	76	1094
3000-1800K	45°	DLT4414528	>90Ra	380	54	588

Dim to warm photometric data taken when product is at full brightness. Lumen output will be anything between 380 - 50 when dimmed.

### INSTALLATION INFORMATION

Install Connector Type	Push-fit terminal connector included	Weight	275g
Inrush Current	1.4A 0.04ms	Cut-Out Size	Ø 69-72mm
Construction Material	Mild steel / aluminium	Maximum Ceiling Thickness	40mm
Face Temperature	<50°C	Ambient Temperature	40°C
Building Regulations	Part B (fire protection), C (moisture protection), E (acoustic protection), P (electrical safety) and L (conservation of energy - 2014 regulations)		

### WIRING INFORMATION

Cable / Flying Lead	0.15m (Class II)
Cable Required for Connector	Push-fit terminal for: Twin & Earth (6242Y 2x1.5mm²) or 3-core cable (R02V 3x1.5mm²)
Type of Wiring Required	Parallel (mains) 220-240V AC 50/60Hz

### LED DRIVERS

Product Code	Input Voltage	Input Current	Power Factor	Dimming	Bathroom Zone
N/A (integrated SELV driver)	220-240V	40mA	0.95	Yes (mains)	-

### ACCESSORIES

Product Code	Description	
H4 Pro range bezels	Round H4 Pro bezel options	99
DLCONVERT70	Converter plate	105
DM298GRID	LED mains grid dimmer	106
DM298FP	Faceplate dimmer	106
LEDEP06	LED emergency pack	109

### GUARANTEE / WARRANTY

7 year extended warranty available

### FEATURES & BENEFITS

±20° adjustable downlight to adjust direction of light

Low glare downlight - UGR 14

45° beam angle for wide illumination

Push-fit terminal connector included

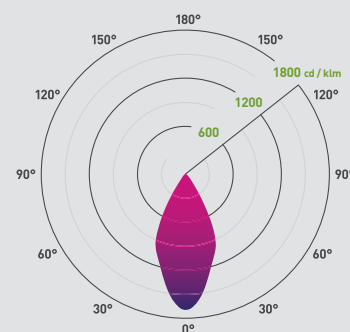
Slimline twist & lock bezels (sold separately)

Dim to warm option available

Shallow depth of 56mm

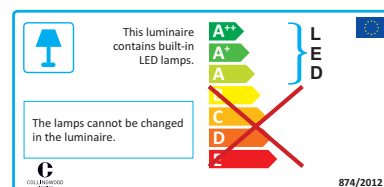
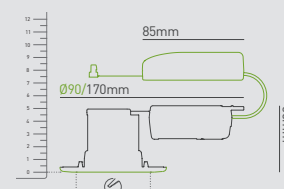
Flexible driver position for easy installation

Mains dimmable



Beam angle: 45°

Additional diagrams available at [collingwoodlighting.com](http://collingwoodlighting.com)







GUARANTEE / WARRANTY

7 year extended warranty available

H4 Pro bezels

Bezel options for H4 Pro range

FEATURES

Construction material Plastic

PRODUCT DATA

Finish	Product code	Description
Brushed steel	RB442BS	Round brushed steel bezel
Chrome	RB442CR	Round chrome bezel
Gloss white	RB442WH	Round white bezel
Matt white	RB442MW	Round matt white bezel

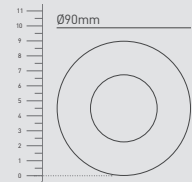
FEATURES & BENEFITS

Twist & lock system makes  
interchanging bezels quick,  
clean and easy

Can be fitted after decoration is  
complete

Matt white bezels can be painted with  
a wide range of paints designed for  
domestic ceiling use

Sold in multiples of two





COLLINGWOOD  
LIGHTING



## GUARANTEE / WARRANTY

7 year extended warranty available

# H5 Trimless

Plaster-in, trimless, dimmable, fire-rated LED downlight

## FEATURES

Wattage	5.5W	Input	Mains AC
IP Rating	IP65	Dimmable	Yes
LED Lifetime	70,000h L70, B10	Flicker Free	Yes
SDCM	3SDCM		

## PHOTOMETRICS @ 25°C

Colour	Beam Angle	Product Code	CRI	lm	lm/W	lx at 1m
4000K	38°	DL282WHNWDIM	>80Ra	580	105	1241
3000K	38°	DL282WHWWDIM	>80Ra	550	100	1177

## INSTALLATION INFORMATION

Weight	240g	Inrush Current	0.9A 0.05ms
Cut-Out Size	Ø 64mm	Construction Material	Mild steel / VO rated plastic
Bathroom Zone	1	Maximum Ceiling Thickness	40mm
Face Temperature	40°C	Ambient Temperature	40°C
Building Regulations	Part B (fire protection), C (moisture protection), E (acoustic protection), P (electrical safety) and L (conservation of energy - 2014 regulations)		

## WIRING INFORMATION

Cable / Flying Lead	0.15m (Class II, complete with GST first fix connector)
Type of Wiring Required	Parallel (mains) 220-240V AC 50/60Hz

## LED DRIVERS

Product Code	Input Voltage	Input Current	Power Factor	Dimming	Bathroom Zone
N/A (integrated SELV driver)	220-240V	-	>0.88	Yes (mains)	1 (ceiling only)

## ACCESSORIES

Product Code	Description	
DM298GRID	LED mains grid dimmer	106
DM298FP	Faceplate dimmer	106

## FEATURES & BENEFITS

100lm/W+

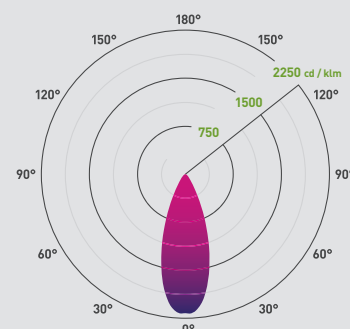
Only 5.5W

Mains dimmable

Plaster-in downlight

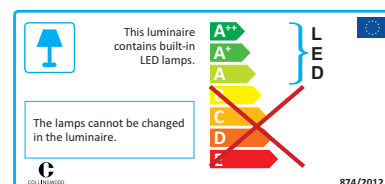
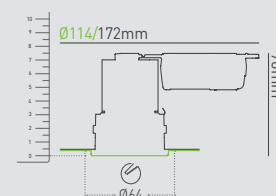
Recessed fitting for lower glare rating

Flexible driver position for easy installation



Beam angle: 38°

Additional diagrams available at [collingwoodlighting.com](http://collingwoodlighting.com)







## H5 500 Symmetric

Low glare, fire-rated LED downlight

### GUARANTEE / WARRANTY

7 year extended warranty available

### FEATURES & BENEFITS

- Low glare
- Only 8.5W
- Flexible driver position for easy installation
- Mains dimmable

#### FEATURES

Wattage	8.5W	Input	Mains AC
IP Rating	IP65	Dimmable	Yes
LED Lifetime	70,000h L70, B10	Flicker Free	Yes
SDCM	3SDCM		
Emergency Version Available	Yes, call 01604 495 151 for more information		

#### PHOTOMETRICS @ 25°C

Colour	Beam Angle	Finish	Product Code	CRI	lm	lm/W	lx at 1m
4000K	40°	B / steel	DL284BSNWDIM	>80Ra	565	66	1600
4000K	40°	Gloss white	DL284WHNWDIM	>80Ra	565	66	1600
3000K	40°	B / steel	DL284BSWWDIM	>80Ra	530	62	1300
3000K	40°	Gloss white	DL284WHWWDIM	>80Ra	530	62	1300
4000K	40°	B / steel	DLT284BSNWDIM	>80Ra	565	66	1600
4000K	40°	Gloss white	DLT284WHNWDIM	>80Ra	565	66	1600
3000K	40°	B / steel	DLT284BSWWDIM	>80Ra	530	62	1300
3000K	40°	Gloss white	DLT284WHWWDIM	>80Ra	530	62	1300

#### INSTALLATION INFORMATION

Install Connector Type	Push-fit terminal connector available	Weight	480g
Inrush Current	15A 0.5ms	Cut-Out Size	Ø 95-115mm
Construction Material	Mild steel / aluminium	Bathroom Zone	1
Maximum Ceiling Thickness	40mm	Face Temperature	40°C
Ambient Temperature	40°C		
Building Regulations	Part B (fire protection), C (moisture protection), E (acoustic protection), P (electrical safety) and L (conservation of energy - 2014 regulations)		

#### WIRING INFORMATION

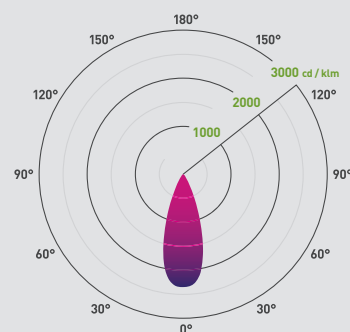
Cable / Flying Lead	0.15m (Class II)
Type of Wiring Required	Parallel (mains) 220-240V AC 50/60Hz

#### LED DRIVERS

Product Code	Input Voltage	Input Current	Power Factor	Dimming	Bathroom Zone
N/A (integrated SELV driver)	220-240V	-	>0.95	Yes (mains)	1 (ceiling only)

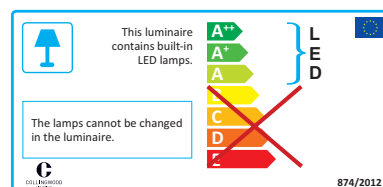
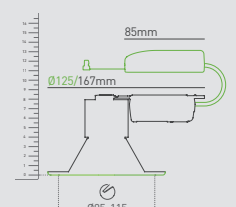
#### ACCESSORIES

Product Code	Description	
DLCONVERT98	Converter plate	105
14800121 (SPOTCLIP-III)	Insulation cover cap for recessed downlights	108
DM298GRID	LED mains grid dimmer	106



Beam angle: 40°

Additional diagrams available at [collingwoodlighting.com](http://collingwoodlighting.com)





COLLINGWOOD  
LIGHTING



## GUARANTEE / WARRANTY

7 year extended warranty available

## H5 500 Asymmetric

Low glare, fire-rated LED downlight

### FEATURES

Wattage	8.5W	Input	Mains AC
IP Rating	IP65	Dimmable	Yes
LED Lifetime	70,000h L70, B10	Flicker Free	Yes
SDCM	3SDCM		
Emergency Version Available	Yes, call 01604 495 151 for more information		

### PHOTOMETRICS @ 25°C

Colour	Beam Angle	Finish	Product Code	CRI	lm	lm/W	lx at 1m
4000K	40°	B / steel	DL283BSNWDIM	>80Ra	565	66	1300
4000K	40°	Gloss white	DL283WHNWDIM	>80Ra	565	66	1300
3000K	40°	B / steel	DL283BSWWDIM	>80Ra	530	62	1220
3000K	40°	Gloss white	DL283WHWWDIM	>80Ra	530	62	1220
4000K	40°	B / steel	DLT283BSNWDIM	>80Ra	565	66	1300
4000K	40°	Gloss white	DLT283WHNWDIM	>80Ra	565	66	1300
3000K	40°	B / steel	DLT283BSWWDIM	>80Ra	530	62	1220
3000K	40°	Gloss white	DLT283WHWWDIM	>80Ra	530	62	1220

### INSTALLATION INFORMATION

Install Connector Type	Push-fit terminal connector available	Weight	460g
Inrush Current	15A 0.5ms	Cut-Out Size	Ø 95-115mm
Construction Material	Mild steel / aluminium	Bathroom Zone	1
Maximum Ceiling Thickness	40mm	Face Temperature	40°C
Ambient Temperature	40°C		
Building Regulations	Part B (fire protection), C (moisture protection), E (acoustic protection), P (electrical safety) and L (conservation of energy - 2014 regulations)		

### WIRING INFORMATION

Cable / Flying Lead	0.15m (Class II)
Type of Wiring Required	Parallel (mains) 220-240V AC 50/60Hz

### LED DRIVERS

Product Code	Input Voltage	Input Current	Power Factor	Dimming	Bathroom Zone
N/A (integrated SELV driver)	220-240V	-	>0.95	Yes (mains)	1 (ceiling only)

### ACCESSORIES

Product Code	Description	
DLCONVERT98	Converter plate	105
14800121 (SPOTCLIP-III)	Insulation cover cap for recessed downlights	108
DM298GRID	LED mains grid dimmer	106
DM298FP	Faceplate dimmer	106

## FEATURES & BENEFITS

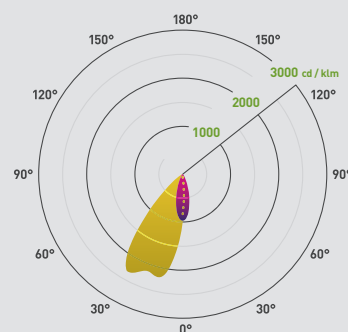
Low glare

Only 8.5W

20° fixed tilt

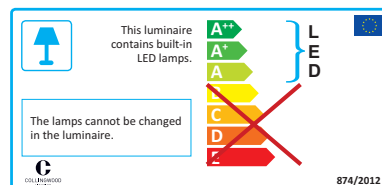
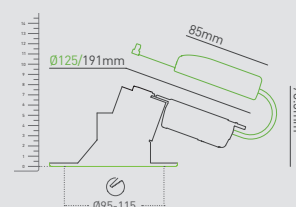
Flexible driver position for easy installation

Mains dimmable



Beam angle: 40°

Additional diagrams available at [collingwoodlighting.com](http://collingwoodlighting.com)







## H5 1000 Symmetric

Low glare, fire-rated LED downlight

### FEATURES

Wattage	16W	Input	Mains AC
IP Rating	IP65	Dimmable	Yes
LED Lifetime	70,000h L70, B10	Flicker Free	Yes
SDCM	3SDCM		
Emergency Version Available	Yes, call 01604 495 151 for more information		

### PHOTOMETRICS @ 25°C

Colour	Beam Angle	Finish	Product Code	CRI	lm	lm/W	lx at 1m
4000K	80°	B / steel	DL292BSNW	>80Ra	980	61	1030
4000K	80°	Gloss white	DL292WHNW	>80Ra	980	61	1030
3000K	80°	B / steel	DL292BSWW	>80Ra	960	60	970
3000K	80°	Gloss white	DL292WHWW	>80Ra	960	60	970
4000K	80°	B / steel	DLT292BSNW	>80Ra	980	61	1030
4000K	80°	Gloss white	DLT292WHNW	>80Ra	980	61	1030
3000K	80°	B / steel	DLT292BSWW	>80Ra	960	60	970
3000K	80°	Gloss white	DLT292WHWW	>80Ra	960	60	970

### INSTALLATION INFORMATION

Install Connector Type	Push-fit terminal connector available	Weight	300g
Inrush Current	20A 0.05ms	Cut-Out Size	Ø 95-115mm
Construction Material	Mild steel / aluminium	Bathroom Zone	1
Maximum Ceiling Thickness	40mm	Face Temperature	40°C
Ambient Temperature	40°C		
Building Regulations	Part B (fire protection), C (moisture protection), E (acoustic protection), P (electrical safety) and L (conservation of energy - 2014 regulations)		

### WIRING INFORMATION

Cable / Flying Lead	0.15m (Class II)
Type of Wiring Required	Parallel (mains) 220-240V AC 50/60Hz

### LED DRIVERS

Product Code	Input Voltage	Input Current	Power Factor	Dimming	Bathroom Zone
N/A (integrated SELV driver)	220-240V	-	>0.95	Yes (mains)	1 (ceiling only)

### ACCESSORIES

Product Code	Description	
DLCONVERT98	Converter plate	105
14800121 (SPOTCLIP-III)	Insulation cover cap for recessed downlights	108
DM298GRID	LED mains grid dimmer	106

### GUARANTEE / WARRANTY

7 year extended warranty available

### FEATURES & BENEFITS

Low glare

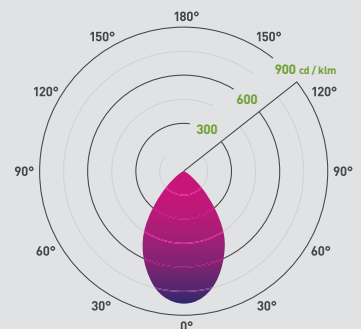
Only 16W

Flexible driver position for easy installation

Brighter than a 75W AR111 halogen and 50W halogen. Ideal for high ceilings

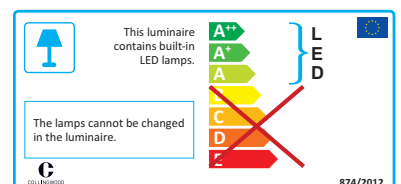
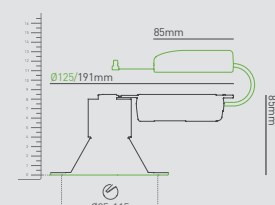
Wide 80° beam angle for even illumination. Allows for greater spacing between luminaires

Mains dimmable



Beam angle: 80°

Additional diagrams available at [collingwoodlighting.com](http://collingwoodlighting.com)



874/2012



**COLLINGWOOD  
LIGHTING**



## H5 1000 Asymmetric

Low glare, fire-rated LED downlight

### FEATURES

Wattage	16W	Input	Mains AC
IP Rating	IP65	Dimmable	Yes
LED Lifetime	70,000h L70, B10	Flicker Free	Yes
SDCM	3SDCM		
Emergency Version Available	Yes, call 01604 495 151 for more information		

### PHOTOMETRICS @ 25°C

Colour	Beam Angle	Finish	Product Code	CRI	lm	lm/W	lx at 1m
4000K	80°	B / steel	DL291BSNW	>80Ra	980	61	870
4000K	80°	Gloss white	DL291WHNW	>80Ra	980	61	870
3000K	80°	B / steel	DL291BSWW	>80Ra	960	60	800
3000K	80°	Gloss white	DL291WHWW	>80Ra	960	60	800
4000K	80°	B / steel	DLT291BSNW	>80Ra	980	61	870
4000K	80°	Gloss white	DLT291WHNW	>80Ra	980	61	870
3000K	80°	B / steel	DLT291BSWW	>80Ra	960	60	800
3000K	80°	Gloss white	DLT291WHWW	>80Ra	960	60	800

### INSTALLATION INFORMATION

Install Connector Type	Push-fit terminal connector available	Weight	300g
Inrush Current	20A 0.05ms	Cut-Out Size	Ø 95-115mm
Construction Material	Mild steel / aluminium	Bathroom Zone	1
Maximum Ceiling Thickness	40mm	Face Temperature	40°C
Ambient Temperature	40°C		
Building Regulations	Part B (fire protection), C (moisture protection), E (acoustic protection), P (electrical safety) and L (conservation of energy - 2014 regulations)		

### WIRING INFORMATION

Cable / Flying Lead	0.15m (Class II)
Type of Wiring Required	Parallel (mains) 220-240V AC 50/60Hz

### LED DRIVERS

Product Code	Input Voltage	Input Current	Power Factor	Dimming	Bathroom Zone
N/A (integrated SELV driver)	220-240V	-	>0.95	Yes (mains)	1 (ceiling only)

### ACCESSORIES

Product Code	Description	
DLCONVERT98	Converter plate	105
14800121 (SPOTCLIP-III)	Insulation cover cap for recessed downlights	108
DM298GRID	LED mains grid dimmer	106

### GUARANTEE / WARRANTY

7 year extended warranty available

### FEATURES & BENEFITS

Low glare

Only 16W

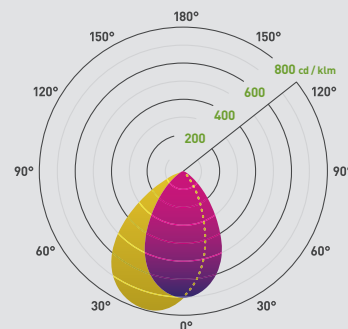
Flexible driver position for easy installation

Brighter than a 75W AR111 halogen and 50W halogen. Ideal for high ceilings

Wide 80° beam angle for even illumination. Allows for greater spacing between luminaires

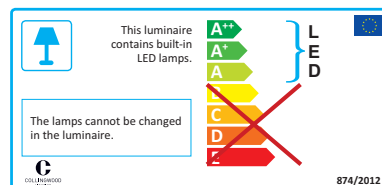
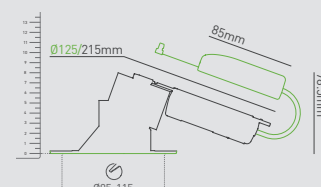
Mains dimmable

20° fixed tilt



Beam angle: 80°

Additional diagrams available at [collingwoodlighting.com](http://collingwoodlighting.com)





# RESIDENTIAL DOWNLIGHTS SPECIFICATION SHEET

DL/CONVERT | DLCONVERT70  
H2 Pro / H4 Pro / H2 Lite sold separately



DLCONVERT98  
H5 500 / H5 1000 sold separately



DL801  
CDL0124 and CDL0132 sold separately



**C**  
COLLINGWOOD  
LIGHTING

## GUARANTEE / WARRANTY

1 year guarantee

## DLCONVERT

Hole converter plates for the downlight range

### FEATURES

Construction material	Mild steel
Maximum ceiling thickness	DL/CONVERT, DLCONVERT70 & DLCONVERT98: 35mm DL801: 20mm

NOTE: Downlight fire and IP ratings will not apply if used in conjunction with DLCONVERT range

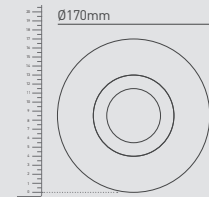
### PRODUCT DATA

Finish	Product code	Description	Cut-out (mm)
Black	DL/CONVERTBLK	Retrofit of H2 Pro 550 into holes up to Ø150mm	60 - 150
Brushed steel	DLCONVERT70BS	Retrofit of H2 Pro / H4 Pro / H2 Lite into holes up to Ø150mm	70 - 150
Brushed steel	DLCONVERT98BS	Retrofit of H4 Eyeball / H5 500 / H5 1000 into holes up to Ø150mm	98 - 150
Chrome	DL/CONVERTCR	Retrofit of H2 Pro 550 into holes up to Ø150mm	60 - 150
Chrome	DLCONVERT70CR	Retrofit of H2 Pro / H4 Pro / H2 Lite into holes up to Ø150mm	70 - 150
Chrome	DLCONVERT98CR	Retrofit of H4 Eyeball / H5 500 / H5 1000 into holes up to Ø150mm	98 - 150
Polished gold	DLCONVERT70PG	Retrofit of H2 Pro / H4 Pro / H2 Lite into holes up to Ø150mm	60 - 150
Silver	DL/CONVERTSIL	Retrofit of H2 Pro 550 into holes up to Ø150mm	60 - 150
Gloss white	DLCONVERT70WH	Retrofit of H2 Pro / H4 Pro / H2 Lite into holes up to Ø150mm	70 - 150
Gloss white	DLCONVERT98WH	Retrofit of H4 Eyeball / H5 500 / H5 1000 into holes up to Ø150mm	98 - 150
Matt white	DLCONVERT70MW	Retrofit of H2 Pro / H4 Pro / H2 Lite into holes up to Ø150mm	70 - 150
Matt white	DL801MW	Retrofit of CDL0124 and CDL0132 into holes up to Ø290mm	240 - 290

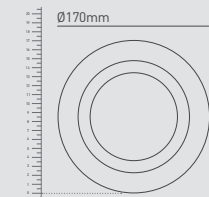
## FEATURES & BENEFITS

DL/CONVERT / DLCONVERT70 / DLCONVERT98 supplied with additional springs for holes up to 150mm

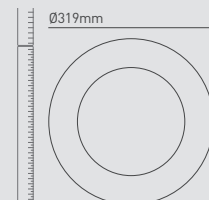
### DL/CONVERT | DLCONVERT70



### DLCONVERT98



### DL801





8 x grid adaptors



## DM298GRID

LED mains grid dimmer

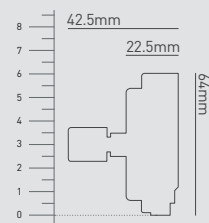
### FEATURES

Product code	DM298GRID
Construction material	Plastic
Dimmer type	Push on / off, rotary dial dim
Grid plate adaptors	White adaptors for Hamilton, MK, BG, Crabtree, Schneider, DETA, Hager & Wandsworth grid ranges
Mains supply voltage	240V AC
Mains supply voltage range	230V AC - 240V AC
Mains supply frequency	50Hz
Load type	LED dimmable driver only
Minimum load capacity	5W
Maximum load capacity	100W / 10 LED units max.
Phase firing	Trailing edge dimming
Connection terminals	3mm <sup>2</sup> max.
Back box depth	35mm min.
Surface temperature	40°C

### USE IN CONJUNCTION WITH

H2 Lite	83
H2 Lite 500	84
H2 Lite 500 CSW	85
H2 Lite 500 CSP	86
H2 Pro 550 (T)	87
H2 Pro 550 SPS	88
H2 Pro 550 CS	89
H2 Pro 700	90
H2 Pro Dusk	91
H2 Pro Elect	92
H2 Pro Elect Trimless	93
H4 Pro 550	95
H4 Pro 550 SPS	96
H4 Pro 700	97
H4 Pro Elect	98
H5 Trimless	100
H5 500 Symmetric	101
H5 500 Asymmetric	102
H5 1000 Symmetric	103
H5 1000 Asymmetric	104
DL201	114
DL120 / DL130	120
FIBRE LED LIGHT	117
RL111	122
DM02	125

Compatible with the downlight range  
Minimum brightness can be adjusted  
Minimum depth of pattress box:  
35mm  
Complete with ring nut and white  
plastic dimmer knob  
Complete with white plastic grid  
plates  
BS EN 60669-2-1  
10 LED units max.



## DM298FP

Faceplate dimmer

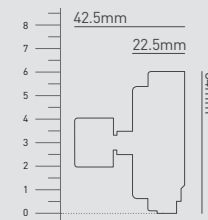
### FEATURES

Product Code	DM298FP
Construction material	Plastic
Dimmer type	Push on / off, rotary dial dim
Grid plate adaptors	-
Mains supply voltage	240V AC
Mains supply voltage range	230V AC - 240V AC
Mains supply frequency	50Hz
Load type	LED dimmable driver only
Minimum load capacity	5W
Maximum load capacity	100W / 10 LED units max.
Phase firing	Trailing edge dimming
Connection terminals	3mm <sup>2</sup> max.
Back box depth	35mm min.
Surface temperature	40°C

### USE IN CONJUNCTION WITH

H2 Lite	83
H2 Lite 500	84
H2 Lite 500 CSW	85
H2 Lite 500 CSP	86
H2 Pro 550 (T)	87
H2 Pro 550 SPS	88
H2 Pro 550 CS	89
H2 Pro 700	90
H2 Pro Dusk	91
H2 Pro Elect	92
H2 Pro Elect Trimless	93
H4 Pro 550	95
H4 Pro 550 SPS	96
H4 Pro 700	97
H4 Pro Elect	98
H5 Trimless	100
H5 500 Symmetric	101
H5 500 Asymmetric	102
H5 1000 Symmetric	103
H5 1000 Asymmetric	104
DL201	114
DL120 / DL130	120
FIBRE LED LIGHT	117
RL111	122
DM02	125

Compatible with the downlight range  
Minimum brightness can be adjusted  
Minimum depth of pattress box:  
35mm  
Complete with ring nut, white plastic  
dimmer knob and faceplate  
BS EN 60669-2-1  
10 LED units max.







GUARANTEE / WARRANTY

1 year guarantee

Easy-fit connector

Push fit connector ideal for first-fix

FEATURES

Product code	EFC3P
Construction material	PC

INSTALLATION INFORMATION

Mains Supply	2 x Twin & Earth (6242Y 3x1.5mm <sup>2</sup> ) or 3-core cable (R02V 3x1.5mm <sup>2</sup> )
Load	0.75-1.5 mm <sup>2</sup> 3 core flexible cable, or Twin & Earth
Conforms to EN61535	

USE IN CONJUNCTION WITH

Product	Description
Residential Downlights	Can be used in conjunction with Collingwood Residential Downlights range*
16A rated	Can be used with other lighting applications rated up to 16 amps

\*Excluding H2 Lite 500 CSP

FEATURES & BENEFITS

Piano key push in wire connectors

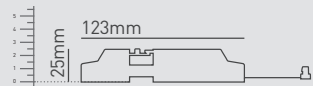
Mains loop in loop out

Translucent design for showing installation is wired correctly

16A rated

Plug and play

Minimises risk of damage to fittings during installation





## SPOTCLIP-III

Insulation cover cap for recessed downlights

### FEATURES

Product code	14800121
Construction material	Polyamide 6.6, heat stabilised (PA66HS)

### USE IN CONJUNCTION WITH

Product	Description	
H2 Pro 700	Dimmable, fire-rated LED downlight	90
H2 Pro Dusk	Dim to warm, fire-rated LED downlight with push-fit terminal connector	91
H2 Pro Elect	Low glare, dimmable, fire-rated LED downlight with push-fit terminal connector	92
H2 Pro Elect Trimless	Low glare, plaster-in, trimless, dimmable, fire-rated LED downlight	93
H4 Pro 700	Adjustable, dimmable, fire-rated LED downlight with push-fit terminal connector	97
H4 Pro Elect	±20° adjustable, low glare, dimmable, fire-rated LED downlight	98
H5 500 Symmetric	Low glare, fire-rated LED downlight	101
H5 500 Asymmetric	Low glare, fire-rated LED downlight	102
H5 1000 Symmetric	Low glare, fire-rated LED downlight	103
H5 1000 Asymmetric	Low glare, fire-rated LED downlight	104

### GUARANTEE / WARRANTY

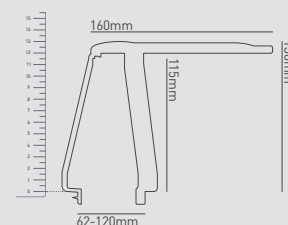
1 year guarantee

### FEATURES & BENEFITS

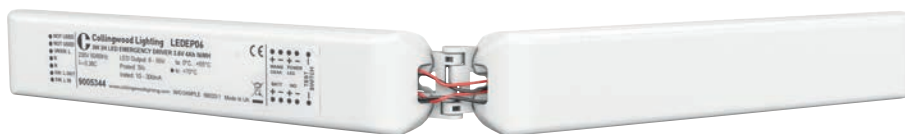
Ensures safety distance between the downlight and insulation material

Improves life span and reliability of downlights

Sold in packs of 5







## LEDEP06

LED emergency pack for maintained lighting assembly - 3hr minimum emergency lighting

### FEATURES

Double insulation	Yes
IP rating	IP20
Case temperature	70°C
Inrush current	20A 0.012ms

### ELECTRICAL CHARACTERISTICS

Product code	W	Input (mA)	Input (V)	Output (mA)	Output (V)
LEDEP06	3	40 maximum	220V-240V 50-60Hz	4 - 470	6 - 55

### WIRING

Connection output	Terminals
Input cable required	0.2 - 1.5mm <sup>2</sup>

### EMERGENCY PACK SERVICE OPTION

Approx. 25% light output compared to normal running

For full product codes of pre-wired emergency pack service option see relevant specification sheet

Product	Description	
H2 Pro 550 SPS	Single point source, dimmable, fire-rated LED downlight	88
H2 Pro 550 CS*	Colour switchable, dimmable, fire-rated LED downlight	89
H2 Pro 700	Dimmable, fire-rated LED downlight	90
H2 Pro Dusk	Dim to warm, fire-rated LED downlight	91
H2 Pro Elect	Low glare, dimmable, fire-rated LED downlight	92
H2 Pro Elect Trimless	Low glare, plaster-in, trimless, dimmable, fire-rated LED downlight	93
H4 Pro 550 SPS	Adjustable, single point source, dimmable, fire-rated LED downlight	96
H4 Pro 700	Adjustable, dimmable fire-rated LED downlight	97
H4 Pro Elect	Adjustable, low glare, dimmable, fire-rated LED downlight	98
H5 500 Symmetric	Low glare, fire-rated LED downlight	101
H5 500 Asymmetric	Low glare, fire-rated LED downlight	102

\*3000K when operating in emergency mode

### GUARANTEE / WARRANTY

3 year guarantee on LED driver, 1 year guarantee on battery

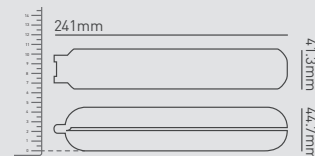
### FEATURES & BENEFITS

Provides minimum of 3 hours of emergency lighting

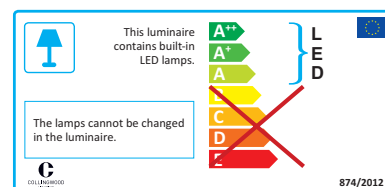
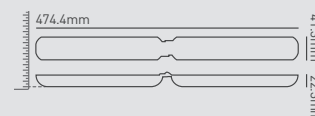
Green light indicates charging of batteries

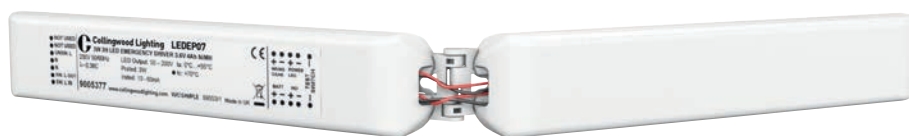
Pre-wired service offers peace of mind and reduces installation time

#### LEDEP06 folded



#### LEDEP06 unfolded





## GUARANTEE / WARRANTY

3 year guarantee on LED driver, 1 year guarantee on battery

## LEDEP07

LED emergency pack for maintained lighting assembly - 3hr minimum emergency lighting

### FEATURES

Double insulation	Yes
IP rating	IP20
Case temperature	70°C
Inrush current	20A 0.012ms

### ELECTRICAL CHARACTERISTICS

Product code	W	Input (mA)	Input (V)	Output (mA)	Output (V)
LEDEP07*	3	40 maximum	220V-240V 50-60Hz	8 - 60	50 - 200

\* Must be purchased as part of Collingwood's pre-assembled emergency pack service, see relevant product page

### WIRING

Connection output	Terminals
Flying leads	300mm 2-core 0.75mm²

### EMERGENCY PACK SERVICE

Approx. 25% light output compared to normal running

For full product codes of pre-wired emergency pack service see relevant specification sheet

Product	Description	
H2 Pro 550	Dimmable, fire-rated LED downlight	87
H4 Pro 550	Adjustable, dimmable fire-rated LED downlight	95

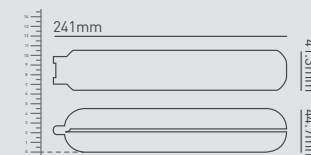
## FEATURES & BENEFITS

Provides minimum of 3 hours of emergency lighting

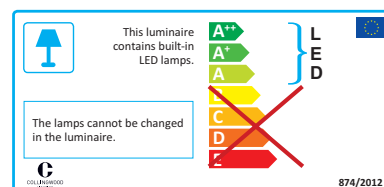
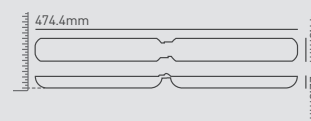
Green light indicates charging of batteries

Pre-wired service offers peace of mind and reduces installation time

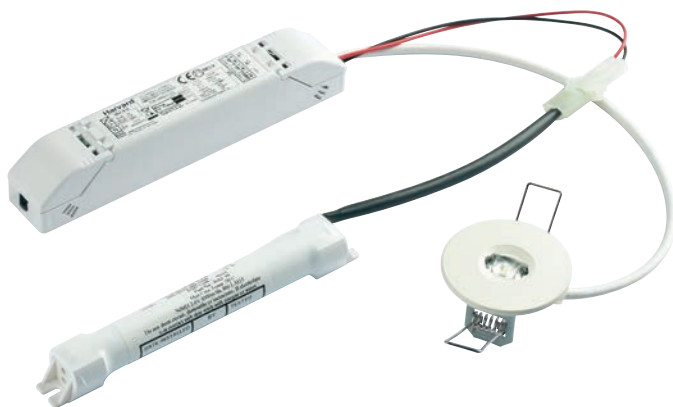
### LEDEP07 folded



### LEDEP07 unfolded







## LEDEM01

LED emergency module

### FEATURES

Wattage	2W	Construction material	Aluminium
Ceiling cut-out	044-50	SELV	Yes
IP Rating	IP 20	Finish	White
Building	Part P	Maximum ceiling thickness (mm)	18mm

### PHOTOMETRICS @ 25°C

Colour	Beam angle	Finish	Product code	CRI	lm	lm/W	lx at 1m
6500K	Axial: 50° Transverse: 118°	White	LEDEM01	>80Ra	120	60	60

	A	B	C	D	E
Mounting height (m)					
2.00	1.62	4.50	3.93	2.27	0.93
2.50	1.88	4.58	4.05	2.55	1.01
3.00	2.18	4.86	4.52	2.67	1.03
3.50	2.36	5.47	5.04	2.83	1.00
4.00	2.70	6.03	5.57	2.91	1.07

- A Distance from LED unit to wall - unit mounted transversely.
- B Distance between LED units - both units mounted transversely.
- C Distance between LED units - one mounted transversely, the other mounted axially.
- D Distance between LED units - both units mounted axially.
- E Distance from LED unit to wall - unit mounted axially.

**NOTE:** All distances in the chart are the maximum allowable.

### WIRING INFORMATION

Inrush current	17A 0.1ms
Input cable required	0.5 - 1.5mm², 3-core
Type of wiring required	Parallel (mains) 220-240V AC 50/60Hz

### GUARANTEE / WARRANTY

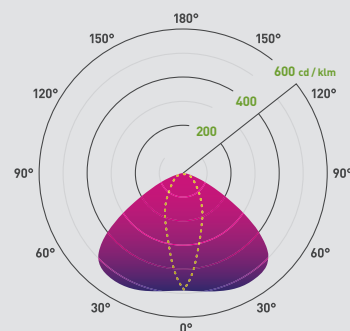
5 year guarantee on LED driver, 1 year guarantee on battery

### FEATURES & BENEFITS

Light distribution ideally designed for corridors

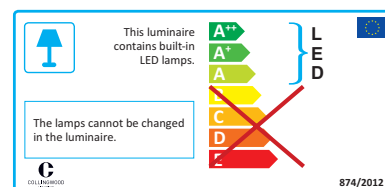
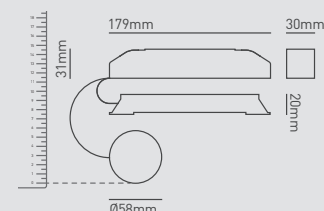
Integral driver with 3hr emergency battery pack

Single LED module



Transverse / Axial

Additional diagrams available at [collingwoodlighting.com](http://collingwoodlighting.com)



# ARCHITECTURAL DOWNLIGHTS

## ELEGANT AND FLEXIBLE

Created with ultimate style and function in mind, our range of contemporary architectural downlights are suited for a variety of interiors.

### LED colour options

Choosing the correct colour temperature for your scheme can really help to create the right environment. Available in 2700K, 3000K and 4000K, we're committed to ensuring that we have colour consistency across our range, whether that's downlights, ground lights or LED strip lighting.

#### 2700K



#### 3000K



#### 4000K



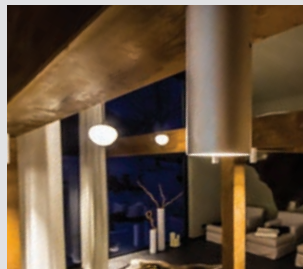
### Surface mounted

Surface mounted LED downlights are perfect for when recessing is not an option. The DL Surface is equivalent to 35W halogen and comes complete with an integral driver and fixing kit, ensuring ease of install and a functional light output. Available in two colour temperatures, the DL surface and DL201 make for a great alternative to traditional downlights.

#### DLSURFACE



#### DL201



### Mini adjustable spot lights

Small and discreet LED downlights provide style and function when used as part of a bigger lighting scheme or when lighting specific spaces. Made from machined aluminium, the mini adjustable lights are both sleek and functional. The mini adjustable LED spot lights can be adjusted by 20 degrees to direct the light, are designed with plug and play connectivity and are available in two ambient LED colours.

#### DL120



#### DL130

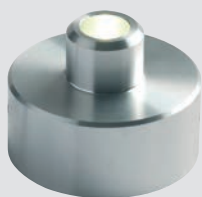




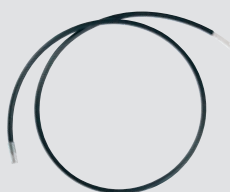
## Fibre LED light

Historically, fibre optic lights have faced a lot of reluctance due to their cost, noise and heavy drivers which are unsuitable for installing above many ceilings. However, our fibre optic system uses just 1W of LED power to light up 30 strands and is hugely cost and time efficient. The flexibility in positioning the fibre LED light also allows for far shorter lengths of fibre optic cable.

### FIBRE LED LIGHT



### FIBRE LED



## Upgrade AR111 halogens to LED

Ideal for restaurants and other hospitality spaces, this powerful alternative for AR111 lamps utilises the latest LED technology to create efficient and interesting lighting schemes. The RL111 can be retrofitted into existing housing or our own range of AR housings for easy installation.

### RL111



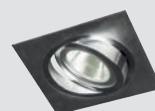
## AR Housings

Complete with lamp retaining clip and fully adjustable, choose from three quality machined aluminium housings. Choose from single round, single square and double rectangular designs.

### AR119



### AR120



### AR220



## Upgrade MR16 halogens to LED

This compact and powerful LED module is ideal for replacing halogen lamps in existing housings. Compatible with MR16 housings and available in three LED colours, you can use with our adjustable DH housings to create discreet and low glare installations.

### DM01



### DM02



## DH Housings

Pick from a range of four adjustable downlight housings to create stunning effects. Choose from pinhole, baffled, highlights and wall wash designs.

### DH02WH



### DH03WH



### DH04WH



### DH05WH





**COLLINGWOOD  
LIGHTING**

DL201



DLSURFACE  
for size reference only



## DL201

Large, straight to mains, surface-mount LED downlight

### FEATURES

Wattage	22W	Input	Mains AC
IP Rating	IP65	LED Lifetime	70,000h L70, B10
SDCM	3SDCM		

### PHOTOMETRICS @ 25°C

Colour	Beam Angle	Product Code	CRI	lm	lm/W	lx at 1m
4000K	38°	DL201FNW	>80Ra	1500	68	3786
4000K	18°	DL201SNW*	>80Ra	1500	68	11695
3000K	38°	DL201FWW	>80Ra	1350	61	3315
3000K	18°	DL201SWW*	>80Ra	1350	61	9154

\*Spot version to order only. 90 day lead time

### INSTALLATION INFORMATION

Weight	4.3kg	Inrush Current	5A 0.05ms
Construction Material	Anodised aluminium	Face Temperature	40°C
Ambient Temperature	40°C		
Building Regulations	Part P (electrical safety) and L (conservation of energy - 2014 regulations)		

### WIRING INFORMATION

Cable / Flying Lead	Supplied with 2pc male / female IP65 connector, outside diameter: 5-9mm
Type of Wiring Required	Parallel (mains) 220-240V AC, 50/60Hz

### LED DRIVERS

Product Code	mA	Dimming	Bathroom Zone	Min	Max
N/A (integrated SELV driver)	-	No	-	-	-

### ACCESSORIES

Product Code	Description	
DM298GRID	LED mains grid dimmer	106
DM298FP	Faceplate dimmer	106

### GUARANTEE / WARRANTY

7 year extended warranty available

### FEATURES & BENEFITS

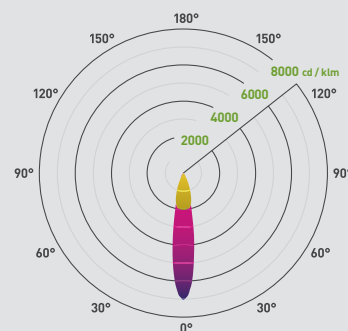
Ideal for high exposed ceilings

IP mains connector included

Ceiling fitting kit included

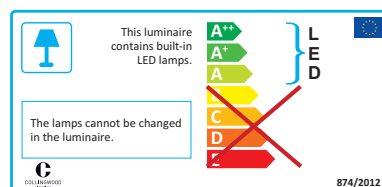
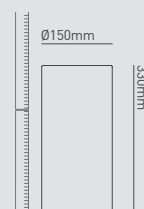
Sand-blasted, anodised silver finish ensures longevity

Low glare



Beam angle: 18° 38°

Additional diagrams available at [collingwoodlighting.com](http://collingwoodlighting.com)







## DL SURFACE

Surface-mount, dimmable LED downlight

### FEATURES

Wattage	8W	Input	Mains AC
IP Rating	IP44	LED Lifetime	70,000h L70, B10
SDCM	3SDCM		

### PHOTOMETRICS @ 25°C

Colour	Beam Angle	Product Code	CRI	lm	lm/W	lx at 1m
4000K	38°	DL SURFACE F NW	>70Ra	455	57	657
3000K	38°	DL SURFACE F WW	>80Ra	340	43	491

### INSTALLATION INFORMATION

Weight	600g	Inrush Current	15A 0.5ms
Construction Material	Anodised aluminium	Bathroom Zone	2
Face Temperature	40°C	Ambient Temperature	40°C

### WIRING INFORMATION

Type of Wiring Required	Parallel (mains) 220-240V AC 50/60Hz
-------------------------	--------------------------------------

### LED DRIVERS

Product Code	mA	Dimming	Bathroom Zone	Min	Max
N/A (integrated SELV driver)	-	Yes (mains)	2	-	-

### ACCESSORIES

Product Code	Description
Dimming options	Contact us on 01604 495 151 for more information

### GUARANTEE / WARRANTY

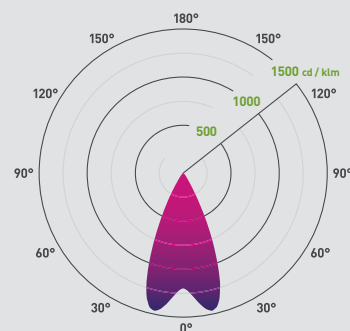
7 year extended warranty available

### FEATURES & BENEFITS

Equivalent to 35W Halogen

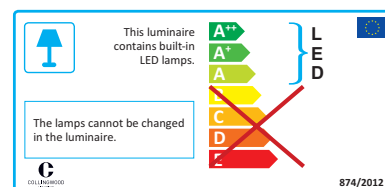
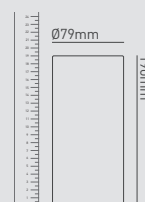
Ceiling fitting kit included

Fit between 3-10 products per 500W mains dimmer



Beam angle: 38°

Additional diagrams available at [collingwoodlighting.com](http://collingwoodlighting.com)





## GUARANTEE / WARRANTY

7 year extended warranty available

# DL PENDANT

Dimmable, pendant LED downlight

## FEATURES

Wattage	8W	Input	Mains AC
IP Rating	IP20	LED Lifetime	70,000h L70, B10
SDCM	3SDCM		

## PHOTOMETRICS @ 25°C

Colour	Beam Angle	Product Code	CRI	lm	lm/W	lx at 1m
4000K	38°	DL PENDANT F NW	>70Ra	455	57	657
3000K	38°	DL PENDANT F WW	>80Ra	340	43	491

## INSTALLATION INFORMATION

Weight	1kg	Inrush Current	15A 0.5ms
Construction Material	Anodised aluminium	Face Temperature	40°C
Ambient Temperature	40°C		

## WIRING INFORMATION

Type of Wiring Required	Parallel (mains) 220-240V AC 50/60Hz
-------------------------	--------------------------------------

## LED DRIVERS

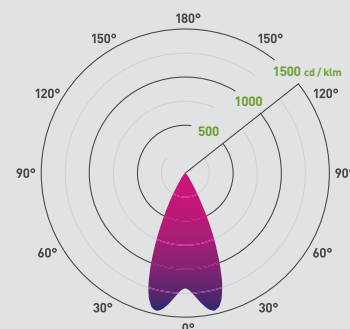
Product Code	mA	Dimming	Bathroom Zone	Min	Max
N/A (integrated SELV driver)	-	Yes (mains)	-	-	-

## ACCESSORIES

Product Code	Description
Dimming options	Contact us on 01604 495 151 for more information

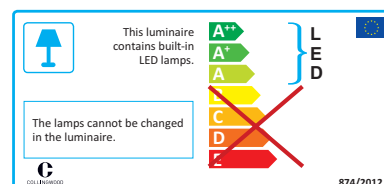
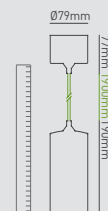
## FEATURES & BENEFITS

- Ceiling fitting kit included
- Equivalent to 35W halogen
- Fits between 3-10 units per dimmer
- Cable length can be adjusted



Beam angle: 38°

Additional diagrams available at [collingwoodlighting.com](http://collingwoodlighting.com)







### GUARANTEE / WARRANTY

7 year extended warranty available

## FIBRE LED LIGHT

Fibre optic LED light injector

### FEATURES

Wattage	1W	IP Rating	IP20
LED Lifetime	70,000h L70, B10	SDCM	3SDCM

### PHOTOMETRICS @ 25°C

Colour	Beam Angle	Product Code	CRI	lm	lm/W	lx at 1m
4000K	-	FIBRE LED LIGHT NW	>80Ra	-	-	-

### INSTALLATION INFORMATION

Weight	40g	Construction Material	Aluminium
Face Temperature	41°C	Ambient Temperature	35°C

### WIRING INFORMATION

Cable / Flying Lead	1m (0.205mm² red & black PTFE)
Type of Wiring Required	Series

### LED DRIVERS

Product Code	mA	SELV	Dimming	Bathroom Zone	Min	Max
PLU/350 1-9	350	Yes	No	2	1	9
PLR/350 1-5	350	Yes	No	1	1	5
PLD UNI-DRIVE 350mA	350	Yes	Yes (1-10V)	2	1	10

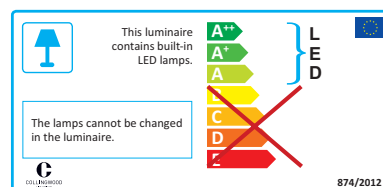
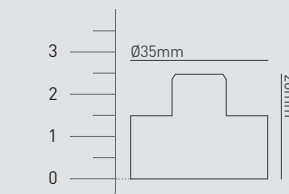
### ACCESSORIES

Product Code	Description	
FIBRE LED 1/30	Fibre optic strands	119
FIBRE LED 2/30	Fibre optic strands	119
UY2 CONNECTOR	Quick waterproof connector	374
DM298GRID	LED mains grid dimmer	106
DM298FP	Faceplate dimmer	106

### FEATURES & BENEFITS

Easy to install compared to halogen

Runs cool - no need for a fan





## DL329RGBW

Colour change fibre optic injector with white LED (5W max.)

### FEATURES

Construction material Aluminium

### PHOTOMETRICS @ 25°C

Colour	Beam angle	Product code	W	CRI	lm	lm/W	lx at 1m
4000K	-	DL329RGBW	1.1	>80Ra	14	13	-
Red	-		1	-	-	-	-
Green	-		1.1	-	-	-	-
Blue	-		1.1	-	-	-	-

### WIRING INFORMATION

Cable / flying lead 2x 1m Plug &amp; Play 5-core ribbon cable

Type of wiring required Series (Plug &amp; Play)

NB: Removal of plugs will render this product non-returnable

### LED DRIVERS (power repeaters)

Bathroom zone applicable to fitting only

Product code	mA	SELV	Dimming	Bathroom zone	Min	Max
PR3011	350	-	Yes	-	1	6

For LED driver bathroom zone &amp; additional LED drivers see page 352-359

### ACCESSORIES

Product code	Description	
LEDRGBWEXT	Colour change Plug & Play 1m extension lead	370
FIBRE LED 1/30	Fibre optics 1m	119
FIBRE LED 2/30	Fibre optics 2m	119

### GUARANTEE / WARRANTY

5 year guarantee

### FEATURES & BENEFITS

Low weight for mounting in ceiling voids

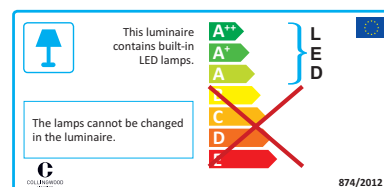
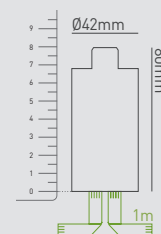
Requires no fan to cool down

Projects light down 1m &amp; 2m lengths of fibre

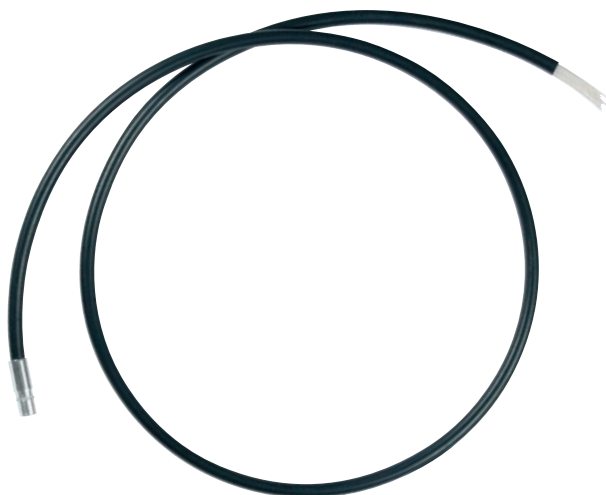
Full RGBW colour range

Separate white LED for permanent use

Compatible with a large range of controllers







### GUARANTEE / WARRANTY

1 year guarantee

## FIBRE LED

Fibre optic strands

### FEATURES

Product code	FIBRE LED 1/30 (1m) FIBRE LED 2/30 (2m)
Construction material	Plastic
Cut-Out Size	Ø 1mm
Weight	6g (1m) 12g (2m)

### WIRING INFORMATION

Cable / flying lead	-
Type of wiring required	-

### USE IN CONJUNCTION WITH

Product code	Description	
FIBRE LED LIGHT	Fibre optic LED light injector	117
DL329RGBW	Colour change fibre optic injector with white LED	118

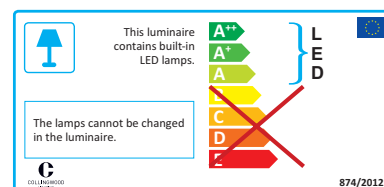
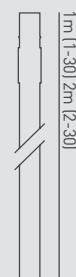
### FEATURES & BENEFITS

1m (1/30) 2m (2/30) length of fibre optic

30 strands x 1mm fibres

Plug & Play with FIBRE LED LIGHT

7.5mm





**COLLINGWOOD  
LIGHTING**



## DL120

Mini adjustable LED spot light

### FEATURES

Wattage	1W	IP Rating	IP20
Tiltable	20°	LED Lifetime	70,000h

### PHOTOMETRICS @ 25°C

Colour	Beam Angle	Product Code	CRI	lm	lm/W	lx at 1m
4000K	15°	DL120 NW	>70Ra	82	82	703
3000K	15°	DL120 WW	>80Ra	69	69	591
2700K	15°	DL120 27	>80Ra	67	67	574

### INSTALLATION INFORMATION

Weight	40g	Cut-Out Size	Ø 44mm
Construction Material	Aluminium	Face Temperature	40°C
Ambient Temperature	35°C		

### WIRING INFORMATION

Cable / Flying Lead	300mm (0.205mm² red & black PTFE)
Type of Wiring Required	Series (Plug & Play)

NB: Removal of plugs will render this product non-returnable

### LED DRIVERS

Product Code	mA	SELV	Dimming	Bathroom Zone	Min	Max
PLU/PP/350 1-9 (Plug & Play)	350	Yes	No	-	1	9
PLR/350 1-5	350	Yes	No	-	1	5
PLD UNI-DRIVE 350mA	350	Yes	Yes (1-10V)	-	1	10

### ACCESSORIES

Product Code	Description	
LED LYTE 1M EXT	1m Plug & Play extension lead	149
LED LYTE 6 WAY EXT	6 way 1m Plug & Play extension lead	149
PDC/GRID DIMMER	Grid dimmer kit for multiple fitting types	374
DM298GRID	LED mains grid dimmer	106
DM298FP	Faceplate dimmer	106

### GUARANTEE / WARRANTY

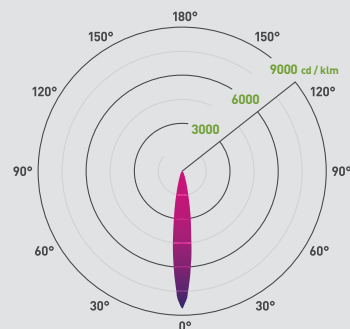
1 year guarantee

### FEATURES & BENEFITS

Small and discreet adjustable LED spot lights

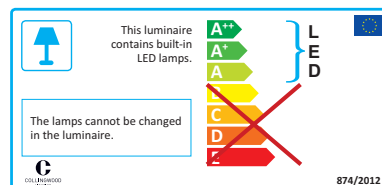
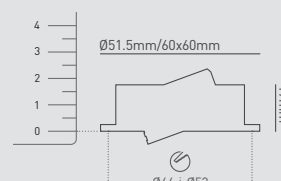
High quality machined aluminium

Easy plug and play installation



Beam angle: 15°

Additional diagrams available at [collingwoodlighting.com](http://collingwoodlighting.com)





## DL130

Mini adjustable LED spot light

### GUARANTEE / WARRANTY

1 year guarantee

### FEATURES & BENEFITS

Small and discreet adjustable LED spot lights

High quality machined aluminium

Easy plug and play installation

#### FEATURES

Wattage	1W	IP Rating	IP20
Tilttable	20°	LED Lifetime	70,000h

#### PHOTOMETRICS @ 25°C

Colour	Beam Angle	Product Code	CRI	lm	lm/W	lx at 1m
4000K	15°	DL130 NW	>70Ra	82	82	703
3000K	15°	DL130 WW	>80Ra	69	69	591
2700K	15°	DL130 27	>80Ra	67	67	574

#### INSTALLATION INFORMATION

Weight	40g	Cut-Out Size	Ø 53mm
Construction Material	Aluminium	Face Temperature	40°C
Ambient Temperature	35°C		

#### WIRING INFORMATION

Cable / Flying Lead	300mm (0.205mm² red & black PTFE)
Type of Wiring Required	Series (Plug & Play)

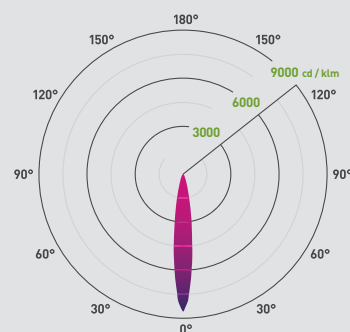
NB: Removal of plugs will render this product non-returnable

#### LED DRIVERS

Product Code	mA	SELV	Dimming	Bathroom Zone	Min	Max
PLU/PP/350 1-9 (Plug & Play)	350	Yes	No	-	1	9
PLR/350 1-5	350	Yes	No	-	1	5
PLD UNI-DRIVE 350mA	350	Yes	Yes (1-10V)	-	1	10

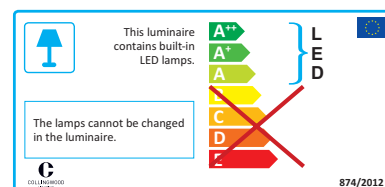
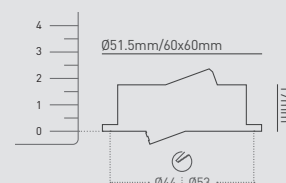
#### ACCESSORIES

Product Code	Description	
LED LYTE 1M EXT	1m Plug & Play extension lead	149
LED LYTE 6 WAY EXT	6 way 1m Plug & Play extension lead	149
PDC/GRID DIMMER	Grid dimmer kit for multiple fitting types	374
DM298GRID	LED mains grid dimmer	106
DM298FP	Faceplate dimmer	106



Beam angle: 15°

Additional diagrams available at [collingwoodlighting.com](http://collingwoodlighting.com)







COLLINGWOOD  
LIGHTING



## RL111

LED AR111 replacement for 75W halogen

### FEATURES

Wattage	12W	IP Rating	IP40
Tilttable	Housing Dependant	Rotatable	Housing Dependant
LED Lifetime	60,000h L70, B10	SDCM	3SDCM

### PHOTOMETRICS @ 25°C

Colour	Beam Angle	Product Code	CRI	lm	lm/W	lx at 1m
4000K	20°	RL1112040	>80Ra	1200	100	5993
4000K	40°	RL1114040	>80Ra	1200	100	2371
3000K	20°	RL1112030	>80Ra	1200	100	5993
3000K	40°	RL1114030	>80Ra	1200	100	2371
2700K	20°	RL1112027	>80Ra	950	80	4744
2700K	40°	RL1114027	>80Ra	950	80	1877

### INSTALLATION INFORMATION

Weight	280g	Cut-Out Size	Housing Dependant
Construction Material	Aluminium	Bathroom Zone	Housing Dependant
Face Temperature	<60°C	Ambient Temperature	35°C

### WIRING INFORMATION

Cable / Flying Lead	0.35m (0.205mm² red & black PTFE)
Type of Wiring Required	Series

### LED DRIVERS

Product Code	mA	SELV	Power Factor	Dimming	Bathroom Zone	Min	Max
PLDM35020	350	Yes	>0.95	Yes (mains)	-	1	1
PLD UNI-DRIVE 350MA	350	Yes	>0.95	Yes (1-10V)	-	1	1
PSDAL350M	350	Yes	>0.95	Yes (1-10V/DALI)	-	1	2

### ACCESSORIES

Product Code	Description	
AR119/120/220	Adjustable housing	123
HAL 104	DALI interface	354
DM298GRID	LED mains grid dimmer	106
DM298FP	Faceplate dimmer	106

### GUARANTEE / WARRANTY

7 year extended warranty available

### FEATURES & BENEFITS

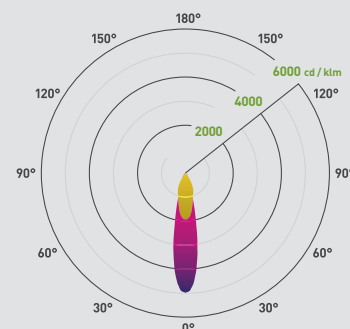
High lumen output

Retrofits into existing AR111 housings

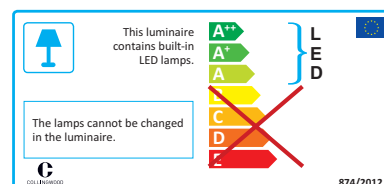
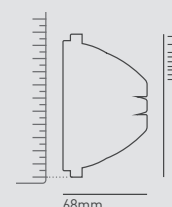
Ideal for retail and hospitality spaces

Dimmable with mains, 1-10V & DALI LED drivers

Innovative low glare design



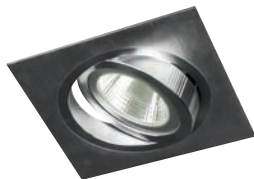
Beam angle: 20° 40°  
Additional diagrams available at [collingwoodlighting.com](http://collingwoodlighting.com)



AR119



AR120



AR220



## GUARANTEE / WARRANTY

1 year guarantee

## AR119 | AR120 | AR220

Adjustable housing

### FEATURES

Product code	AR119 SIL	(Round)
	AR120 SIL	(Square)
	AR220 SIL	(Double fitting)

### INSTALLATION INFORMATION

Construction material	Machined aluminium
Ceiling cut-out	AR119 SIL - Ø165 mm AR120 SIL - 145x145 mm AR220 SIL - 315x145 mm
Weight	AR119 SIL - 300g AR120 SIL - 360g AR220 SIL - 700g

### WIRING INFORMATION

Cable	-
Series / Parallel	-

### USE IN CONJUNCTION WITH

Product code	Description	
RL111	LED AR111 replacement for 75W halogen	122

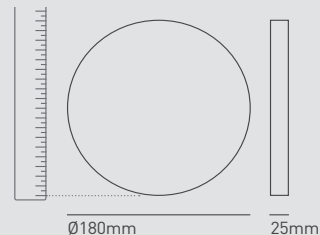
## FEATURES & BENEFITS

Complete with lamp retaining clip

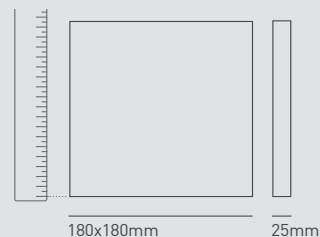
Fully adjustable

Machined from aluminium for a quality finish

AR119



AR120



AR220





COLLINGWOOD  
LIGHTING



## DM01

MR16 high output single source LED replacement

### FEATURES

Wattage	9W	IP Rating	IP40
Tilttable	Housing Dependant	Rotatable	Housing Dependant
LED Lifetime	70,000h L70, B10	SDCM	3SDCM

### PHOTOMETRICS @ 25°C

Colour	Beam Angle	Product Code	CRI	lm	lm/W	lx at 1m
4000K	25°	DM012540	>80Ra	680	76	1774
2700K	25°	DM012527	>80Ra	600	67	1565

### INSTALLATION INFORMATION

Weight	100g	Cut-Out Size	Housing Dependant
Construction Material	Aluminium	Bathroom Zone	Housing Dependant
Face Temperature	45°C	Ambient Temperature	40°C
Building Regulations	Product is not fire-rated		

### WIRING INFORMATION

Cable / Flying Lead	Plug & Play into driver
Type of Wiring Required	Plug & Play

NB: Removal of plugs will render this product non-returnable

### LED DRIVERS

Product Code	mA	SELV	Dimming	Bathroom Zone	Min	Max
PLDM70011	700	Yes	Yes (mains)	2	1	1
PLD-UNIDRIVE 700	700	Yes	Yes (1-10V)	1	1	2
PSDAL700M	700	Yes	Yes (DALI)	2	1	5

### ACCESSORIES

Product Code	Description	
DH02WH	Adjustable MR16 pinhole housing	126
DH03WH	Adjustable MR16 baffled housing	126
DH04WH	Adjustable MR16 highlight housing	126
DH05WH	Adjustable MR16 wall wash housing	126
PDC/GRID DIMMER	Grid dimmer kit for multiple fitting types	374
DM298GRID	LED mains grid dimmer	106
DM298FP	Faceplate dimmer	106

### GUARANTEE / WARRANTY

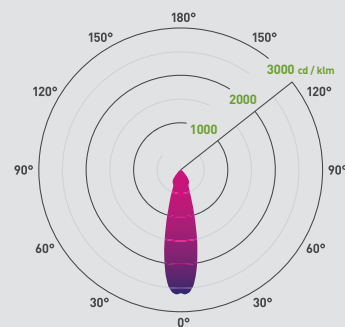
7 year extended warranty available

### FEATURES & BENEFITS

Equivalent to 50W halogen

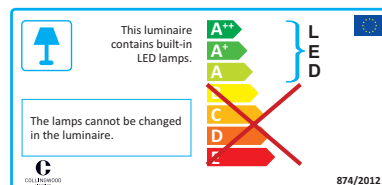
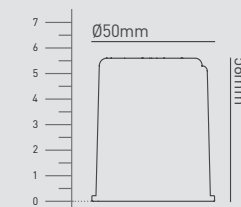
MR16 for retrofit into existing housings

Plug and Play connector for quick installation



Beam angle: 25°

Additional diagrams available at [collingwoodlighting.com](http://collingwoodlighting.com)







## DM02

MR16 high output single source LED replacement

### GUARANTEE / WARRANTY

3 year extended warranty available

### FEATURES & BENEFITS

Equivalent to 50W halogen

MR16 for retrofit into existing housings

Plug and Play connector for quick installation

#### FEATURES

Wattage	6.3W	IP Rating	IP40
Tilttable	Housing Dependant	Rotatable	Housing Dependant
LED Lifetime	40,000h	SDCM	3SDCM

#### PHOTOMETRICS @ 25°C

Colour	Beam Angle	Product Code	CRI	lm	lm/W	lx at 1m
3000K	24°	DM022430	>80Ra	580	92	1997

#### INSTALLATION INFORMATION

Weight	100g	Cut-Out Size	Housing Dependant
Construction Material	Aluminium	Bathroom Zone	Housing Dependant
Face Temperature	45°C	Ambient Temperature	40°C
Building Regulations	Product is not fire-rated		

#### WIRING INFORMATION

Cable / Flying Lead	Plug & Play into driver
Type of Wiring Required	Plug & Play

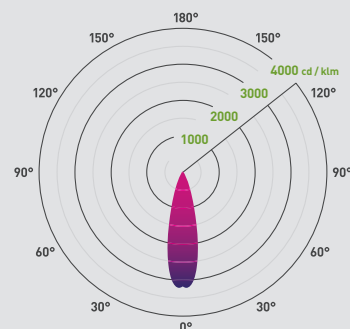
NB: Removal of plugs will render this product non-returnable

#### LED DRIVERS

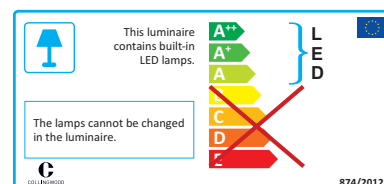
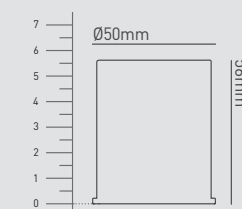
Product Code	mA	SELV	Dimming	Bathroom Zone	Min	Max
PSDIM180	180	Yes	Yes (mains)	-	1	1

#### ACCESSORIES

Product Code	Description	
DH02WH	Adjustable MR16 pinhole housing	126
DH03WH	Adjustable MR16 baffled housing	126
DH04WH	Adjustable MR16 highlight housing	126
DH05WH	Adjustable MR16 wall wash housing	126
PDC/GRID DIMMER	Grid dimmer kit for multiple fitting types	374
DM298GRID	LED mains grid dimmer	106
DM298FP	Faceplate dimmer	106



Beam angle: 24°

Additional diagrams available at [collingwoodlighting.com](http://collingwoodlighting.com)




## DH02WH

Adjustable, white, pinhole housing for the DM01 &amp; DM02

### FEATURES

Product Code	DH02WH
Construction material	Aluminium
IP Rating	IP20
Tilt angle	30°
Ceiling cut-out	Ø78-Ø83mm
Guarantee	1 year

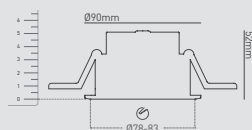
#### DM01 WITH DH02WH Page 124

Colour	lm	lx at 1m
4000K	330	1051
2700K	270	860

#### DM02 WITH DH02WH Page 125

Colour	lm	lx at 1m
3000K	320	1760

#### Pin hole attachment



## DH03WH

Adjustable, white, baffled housing for the DM01 &amp; DM02

### FEATURES

Product Code	DH03WH
Construction material	Aluminium
IP Rating	IP20
Tilt angle	30°
Ceiling cut-out	Ø78-Ø83mm
Guarantee	1 year

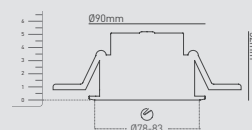
#### DM01 WITH DH03WH Page 124

Colour	lm	lx at 1m
4000K	480	1027
2700K	420	899

#### DM02 WITH DH03WH Page 125

Colour	lm	lx at 1m
3000K	480	2258

#### Black tube for ultra low glare downlighting



## DH04WH

Adjustable, white, highlight housing for the DM01 &amp; DM02

### FEATURES

Product Code	DH04WH
Construction material	Aluminium
IP Rating	IP20
Tilt angle	30°
Ceiling cut-out	Ø78-Ø83mm
Guarantee	1 year

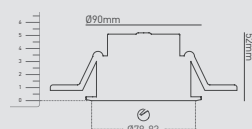
#### DM01 WITH DH04WH Page 124

Colour	lm	lx at 1m
4000K	330	1078
2700K	270	882

#### DM02 WITH DH04WH Page 125

Colour	lm	lx at 1m
3000K	320	1759

#### Oval hole, for highlighting vertical surfaces



## DH05WH

Adjustable, white, wall wash housing for the DM01 &amp; DM02

### FEATURES

Product Code	DH05WH
Construction material	Aluminium
IP Rating	IP20
Tilt angle	30°
Ceiling cut-out	Ø78-Ø83mm
Guarantee	1 year

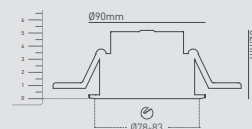
#### DM01 WITH DH5WH Page 124

Colour	lm	lx at 1m
4000K	330	1028
2700K	270	841

#### DM02 WITH DH04WH Page 125

Colour	lm	lx at 1m
3000K	320	1577

#### Semi-circle, for wall washing





## LL090RGBW

Colour change LED unit with white LED (13W max.)

### FEATURES

Colour Switchable	No	Input	Mains
IP Rating	IP40 (Housing dependant)	Dimmable	Yes
Tilttable	20°	LED lifetime	50,000h
RGBW	Yes		

### PHOTOMETRICS @ 25°C

Colour	Beam angle	Product code	W	CRI	lm	lm/W	lx at 1m
4000K	25°	LL090RGBW	3.3	>80Ra	253	77	1099
Red	25°		2.4	-	140	58	292
Green	25°		3.3	-	275	83	831
Blue	25°		3.3	-	46	14	15

### INSTALLATION INFORMATION

Cut-out size	78-83mm	Construction material	Aluminium
Bathroom zone	1	Weight	200g
Face temperature	54°C	Ambient temperature	35°C

### WIRING INFORMATION

Cable / flying lead	2x 1m Plug & Play 5-core ribbon cable
Type of wiring required	Series (Plug & Play)

NB: Removal of plugs will render this product non-returnable

### LED DRIVERS

Product code	mA	SELV	Dimming	Bathroom zone	Min	Max
PR3011	350	-	Yes (mains)	-	1	2

### ACCESSORIES

Product code	Description
LEDRGBWEXT	Colour change Plug & Play 1m extension lead <b>370</b>

### GUARANTEE / WARRANTY

5 year guarantee

### FEATURES & BENEFITS

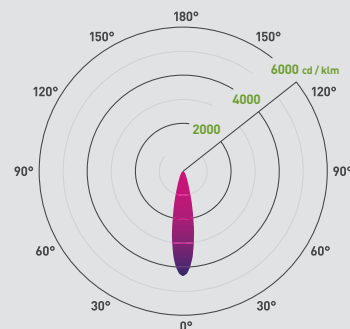
MR16 for retrofit into existing housings

Plug and Play connectors for quick installation

Separate white LED for permanent use

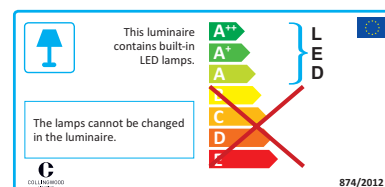
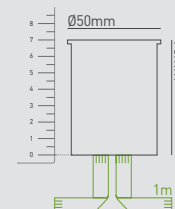
Full RGBW colour range

Compatible with a large range of controllers



### 4000K 25°

Additional diagrams available at [collingwoodlighting.com](http://collingwoodlighting.com)







## LL030CARGB

Colour change LED unit (4W max.)

### FEATURES

Colour Switchable	No	Input	Mains
IP Rating	IP40 (Housing dependant)	Dimmable	Yes
Tilttable	20°	LED lifetime	50,000h L50, B50
RGB	Yes		

### PHOTOMETRICS @ 25°C

Colour	Beam angle	Product code	W	CRI	lm	lm/W	lx at 1m
Red	18°	LL030CARGB	1	-	38	38	319
Green	18°		1.2	-	75	63	774
Blue	18°		1.2	-	11	9	9

### INSTALLATION INFORMATION

Cut-out size	Ø 78-83mm	Construction material	Aluminium
Bathroom zone	1	Weight	50g
Face temperature	58°C	Ambient temperature	35°C

### WIRING INFORMATION

Cable / flying lead	2x 1m Plug & Play 4-core ribbon cable
Type of wiring required	Series (Plug & Play)

NB: Removal of plugs will render this product non-returnable

### LED DRIVERS

Product code	mA	SELV	Dimming	Bathroom zone	Min	Max
PR3011	350	-	Yes (mains)	-	1	6

### ACCESSORIES

Product code	Description	
LED 3 RGB EXT	Colour change Plug & Play 1m extension lead	371

### GUARANTEE / WARRANTY

5 year guarantee

### FEATURES & BENEFITS

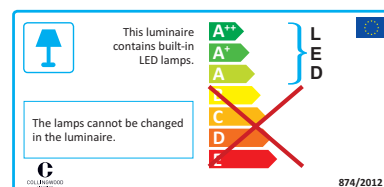
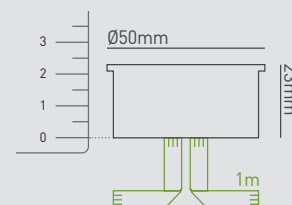
MR16 for retrofit into existing housings

Plug and Play connectors for quick installation

Short heatsink for shallow housings

Full RGB colour range

Compatible with a large range of controllers





# DECORATIVE WALL LIGHTS & UNDER SHELF LIGHTING

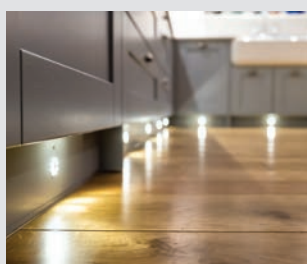
## DISCREET AND INTERESTING

Our extensive range of decorative and under shelf lighting has a multitude of attractive options which are suitable for any installation.

### Choose your effect and how to create it

Highlight architectural features or illuminate specific objects with discreet lighting. The images below demonstrate how to create various effects.

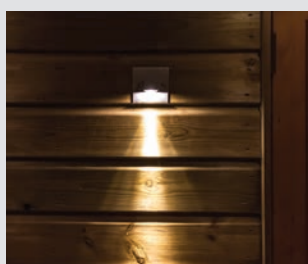
#### Choose your effect



**Low-level decorative lighting**



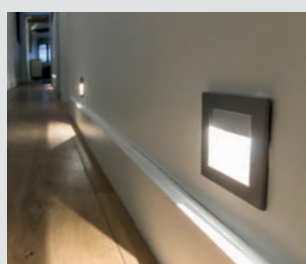
Invigorate ordinary spaces or dark corners with a mini decorative light. The ML family are a superb solution for this due to their small, recessed profiles. It is particularly effective when used for kick-boards or illuminating steps.



**Mid-level wall lighting**



Use wall lights to illuminate your space without creating overhead shadow. Highlighting walls is a great way to create ambiance and atmosphere through the soft light, whilst also utilising reflection to make small spaces feel larger.



**Low-level wall lighting**



Delivering light directly onto the floor, this technique is great for creating low glare, ambient lighting in any room, whilst also aiding occupants to navigate their way around when overhead lighting is switched off.



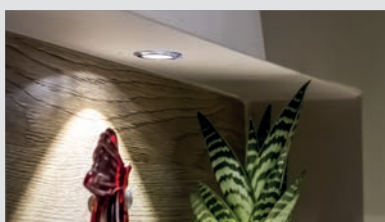
**Backdrop/feature lighting**



Integrating discreet lighting into furniture, under cupboards or in small spaces provides the user with an elegant, contemporary and perfectly lit space. The LED LYTE is perfect for this type of installation.

### LED LYTE family

This flush-mounted mini LED family adds a touch of detail that has the ability to transform a room. With a wide beam angle of 110°, they create a subtle yet atmospheric accent of light. With a threaded version perfect for fitting within a cabinet or in an alcove, it couldn't be easier to showcase objects or features. Also available in an IP65 version for added versatility. The plug and play connector makes this product versatile and easy to install.





## Decorative mini spot lights

Great for highlighting pictures and focal items or for reading and adding style to the walls, obtain a functional and stylish finish using our mini wall lights. These products are made using marine grade stainless steel and are IP rated to 65, allowing for installation both indoors and outdoors. Choose from three colour temperatures and three wall mounting brackets to suit any lighting scheme.



**MS02 IP**

This spot lens creates an atmospheric environment, especially when lit onto tall ceilings and columns.



**MF02 IP**

Use this adjustable LED mini light with flood lens to wash light across walls or ceilings.

## Mounting brackets

Adding flexibility and functionality to the mini wall lights couldn't be easier with three mounting bracket options available suit any scheme. Choose from a single, stainless steel bracket or two double mounting options, allowing for ultimate flexibility. All brackets come complete with wall fixings.



**WB/M 01**



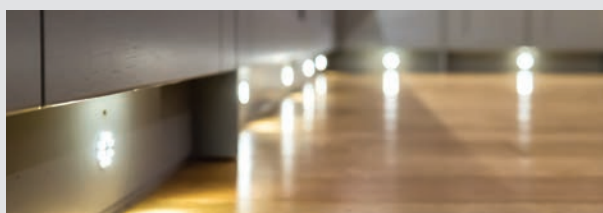
**WB/M 02/30°**



**WB/M 02**

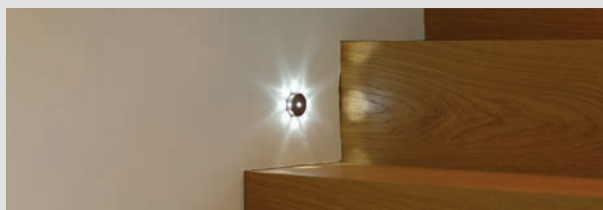
## Decorative mini wall lights

The selection of decorative marker light products are highly discreet, highly decorative and highly effective, available in a range of white and coloured light. Choose from flush or raised mounted, radial or halo lit effect for stylish and contemporary lighting in both interior and exterior spaces.



**ML01**

Designed to add style to floors, walls and ceilings, these lights can be walked over and are IP68 rated, allowing for installation in any environment. Due to the clever design of the product, no glare will be felt, even when looking directly at the light.



**ML02**

Contemporary and chic yet understatedly rugged, ML02 mini light adds style to floors, walls and ceilings. Made using marine grade stainless steel and IP rated to 68, this product is acceptable for use in or outdoors.

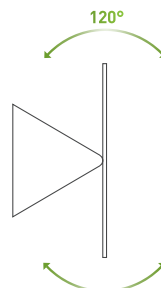


**ML03**

Emitting a 'halo' effect, this elegant design adds instant impact to any area. Finished in high quality anodised aluminium, this classic design will fit perfectly in superior establishments and residential environments.



**COLLINGWOOD  
LIGHTING**



## GUARANTEE / WARRANTY

3 year guarantee

## WL80

Straight to mains, tiltable LED wall light

### FEATURES

Wattage	7.1W (4000K) 5.4W (3000K)	Input	Mains AC
IP Rating	IP20	Tilttable	120°
LED Lifetime	30,000h		

### PHOTOMETRICS @ 25°C

Colour	Beam Angle	Product Code	CRI	lm	lm/W	lx at 1m
4000K	Adjustable	WL80GX0X40	>85Ra	385*	54	49*
3000K	Adjustable	WL80GX0X30	>85Ra	325*	60	49*

\*Combined total from both sets of LED | + Per module

### INSTALLATION INFORMATION

Weight	500g	Inrush Current	0.7A, 0.025ms
Construction Material	Aluminium	Face Temperature	25°C
Ambient Temperature	40°C		

### WIRING INFORMATION

Cable / Flying Lead	-
Type of Wiring Required	Parallel (mains) 220-240V AC, 50-60Hz

### LED DRIVERS

Product Code	mA	SELV	Dimming	Bathroom Zone	Min	Max
N/A (integrated SELV driver)	-	-	No	-	-	-

### ACCESSORIES

Product Code	Description
N/A	No accessories required

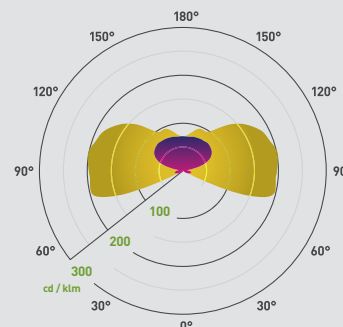
## FEATURES & BENEFITS

Tiltable LED wall light

Direct light towards the ceiling to flood the room with light

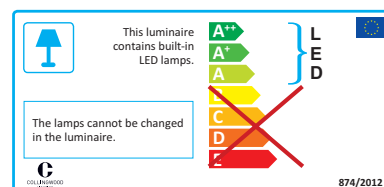
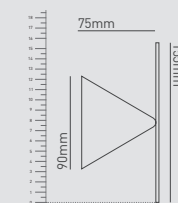
Direct light towards the floor for low level lighting

Direct light evenly up and down



Beam angle: C0/C180 C90/C270

Additional diagrams available at [collingwoodlighting.com](http://collingwoodlighting.com)





## MC020 S

Up / down mini cuboid LED wall light

### FEATURES

Wattage	2W	IP Rating	IP65
Rotatable	360°	LED Lifetime	70,000h L70, B10
SDCM	3SDCM		

### PHOTOMETRICS @ 25°C

Colour	Beam Angle	Product Code	CRI	lm	lm/W	lx at 1m
4000K	12°	MC020 S NW	>70Ra	140	70	1485
3000K	12°	MC020 S WW	>80Ra	110	55	1466
2700K	12°	MC020 S 27*	>80Ra	107	54	1425
Amber	12°	MC020 S AMBER	-	-	-	-
Blue	12°	MC020 S BLUE	-	-	-	-
Green	12°	MC020 S GREEN	-	-	-	-
Red	12°	MC020 S RED	-	-	-	-

\*Available on request, please call our team for lead times and MOQ on 01604 495 151

### INSTALLATION INFORMATION

Weight	150g	Cut-Out Size	Ø 20mm
Construction Material	Anodised aluminium	Bathroom Zone	1
Face Temperature	39°C	Ambient Temperature	35°C

### WIRING INFORMATION

Cable / Flying Lead	0.15m [0.205mm² red & black PTFE]
Type of Wiring Required	Series

### LED DRIVERS

Product Code	mA	SELV	Dimming	Bathroom Zone	Min	Max
PLU/350 1-9	350	Yes	No	1	1	4
PLR/350 1-5	350	Yes	No	1	1	2
PLD UNI-DRIVE 350MA	350	Yes	Yes (1-10V)	2	1	5

### ACCESSORIES

Product Code	Description	
CR135	PTFE cable	375
PDC/GRID DIMMER	Grid dimmer kit for multiple fitting types	374
UY2 CONNECTOR	Quick waterproof connector	374

### GUARANTEE / WARRANTY

7 year extended warranty available

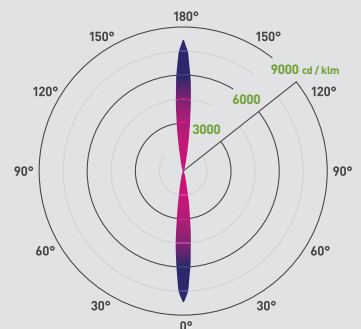
### FEATURES & BENEFITS

Bi-directional mini cube for discreet accent lighting of interior and exterior spaces

Bespoke wall plug for easy installation

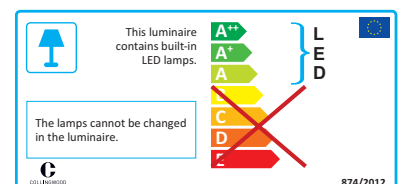
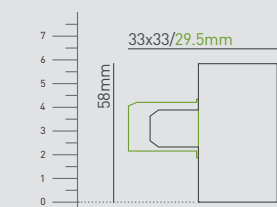
Quality brushed aluminium finish

Requires 20mm drill bit



Beam angle: 12°

Additional diagrams available at [collingwoodlighting.com](http://collingwoodlighting.com)







## GUARANTEE / WARRANTY

7 year extended warranty available

## MC010 S

Mini cube LED wall light

## FEATURES

Wattage	1W	IP Rating	IP65
Rotatable	360°	LED Lifetime	70,000h L70, B10
SDCM	3SDCM		

## PHOTOMETRICS @ 25°C

Colour	Beam Angle	Product Code	CRI	lm	lm/W	lx at 1m
4000K	12°	MC010 S NW	>70Ra	70	70	1485
3000K	12°	MC010 S WW	>80Ra	55	55	1466
2700K	12°	MC010 S 27*	>80Ra	53	53	1425
Amber	12°	MC010 S AMBER	-	-	-	-
Blue	12°	MC010 S BLUE	-	-	-	-
Green	12°	MC010 S GREEN	-	-	-	-
Red	12°	MC010 S RED	-	-	-	-

\*Available on request, please call our team for lead times and MOQ on 01604 495 151

## INSTALLATION INFORMATION

Weight	100g	Cut-Out Size	Ø 20mm
Construction Material	Anodised aluminium	Bathroom Zone	1
Face Temperature	34°C	Ambient Temperature	35°C

## WIRING INFORMATION

Cable / Flying Lead	0.15m (0.205mm² red & black PTFE)
Type of Wiring Required	Series

## LED DRIVERS

Product Code	mA	SELV	Dimming	Bathroom Zone	Min	Max
PLU/350 1-9	350	Yes	No	1	1	9
PLR/350 1-5	350	Yes	No	1	1	5
PLD UNI-DRIVE 350MA	350	Yes	Yes (1-10V)	2	1	10

## ACCESSORIES

Product Code	Description	
CR135	PTFE cable	375
PDC/GRID DIMMER	Grid dimmer kit for multiple fitting types	374
UY2 CONNECTOR	Quick waterproof connector	374

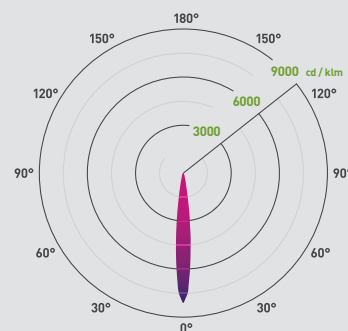
## FEATURES &amp; BENEFITS

Mini cube spot light for discreet accent lighting of interior and exterior spaces

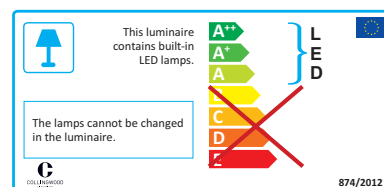
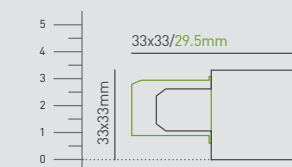
Bespoke wall plug for easy installation

Quality brushed aluminium finish

Requires 20mm drill bit



Beam angle: 12°

Additional diagrams available at [collingwoodlighting.com](http://collingwoodlighting.com)



## MC015 S

Straight to mains mini LED cube wall light

### FEATURES

Wattage	1.5W	Input	Mains AC
IP Rating	IP20	LED Lifetime	70,000h L70, B10
SDCM	3SDCM		

### PHOTOMETRICS @ 25°C

Colour	Beam Angle	Product Code	CRI	lm	lm/W	lx at 1m
4000K	12°	MC015 S NW	>80Ra	70	47	1485
3000K	12°	MC015 S WW	>80Ra	55	37	1466
2700K	12°	MC015 S 27*	>80Ra	53	35	1425

\*Available on request, please call our team for lead times and MOQ on 01604 495 151

### INSTALLATION INFORMATION

Weight	200g	Inrush Current	9A 0.8ms
Construction Material	Anodised aluminium	Face Temperature	38°C
Ambient Temperature	35°C		

### WIRING INFORMATION

Cable / Flying Lead	-
Type of Wiring Required	Parallel (mains) 220-240V AC, 50-60Hz

### LED DRIVERS

Product Code	mA	SELV	Dimming	Bathroom Zone	Min	Max
N/A (integrated SELV driver)	-	-	No	-	-	-

### ACCESSORIES

Product Code	Description
N/A	No accessories required

### GUARANTEE / WARRANTY

7 year extended warranty available

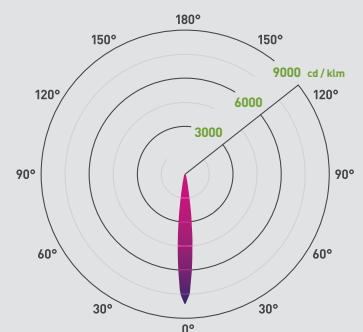
### FEATURES & BENEFITS

Straight to mains mini cube spot lights for discreet accent lighting of interior spaces.

Quality brushed aluminium finish

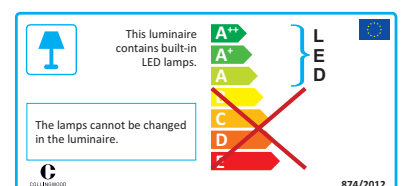
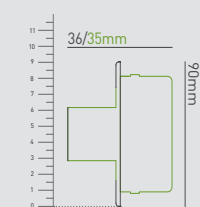
Complete with wall fixings and waterproof crimp connectors

Pattress box included



Beam angle: 12°

Additional diagrams available at [collingwoodlighting.com](http://collingwoodlighting.com)





COLLINGWOOD  
LIGHTING



## MC025 S

Straight to mains, up / down mini LED cube wall light

### FEATURES

Wattage	2.3W	Input	Mains AC
IP Rating	IP20	LED Lifetime	70,000h L70, B10
SDCM	3SDCM		

### PHOTOMETRICS @ 25°C

Colour	Beam Angle	Product Code	CRI	lm	lm/W	lx at 1m
4000K	12°	MC025 S NW	>80Ra	140	61	1485
2700K	12°	MC025 S 27*	>80Ra	107	47	1425

\*Available on request, please call our team for lead times and MOQ on 01604 495 151

### INSTALLATION INFORMATION

Weight	200g	Inrush Current	9A 0.8ms
Construction Material	Anodised aluminium	Face Temperature	30°C
Ambient Temperature	35°C		

### WIRING INFORMATION

Cable / Flying Lead	-
Type of Wiring Required	Parallel (mains) 220-240V AC, 50-60Hz

### LED DRIVERS

Product Code	mA	SELV	Dimming	Bathroom Zone	Min	Max
N/A (integrated SELV driver)	-	-	No	-	-	-

### ACCESSORIES

Product Code	Description
N/A	No accessories required

### GUARANTEE / WARRANTY

7 year extended warranty available

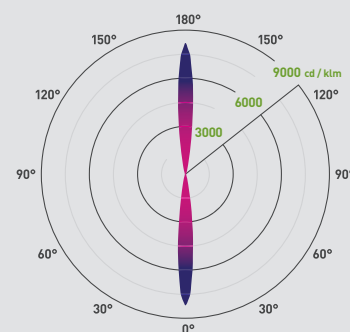
### FEATURES & BENEFITS

Straight to mains mini cube spot lights for discreet accent lighting of interior spaces.

Quality brushed aluminium finish

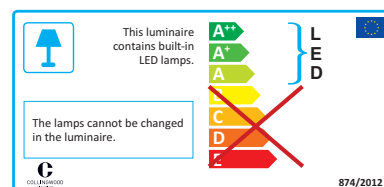
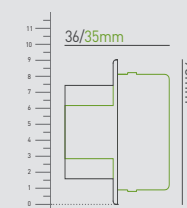
Complete with wall fixings and waterproof crimp connectors

Pattress box included



Beam angle: 12°

Additional diagrams available at [collingwoodlighting.com](http://collingwoodlighting.com)







## MF02 IP

Adjustable LED mini light

### FEATURES

Wattage	1W	IP Rating	IP65
Tilttable	45°	Rotatable	360°
LED Lifetime	70,000h L70, B10	SDCM	3SDCM

### PHOTOMETRICS @ 25°C

Colour	Beam Angle	Product Code	CRI	lm	lm/W	lx at 1m
4000K	16°	MF02 IP NW	>70Ra	66	66	452
3000K	16°	MF02 IP WW	>80Ra	53	53	252
2700K	16°	MF02 IP 27*	>80Ra	52	52	245
Amber	16°	MF02 IP AMBER	-	-	-	-
Blue	16°	MF02 IP BLUE	-	-	-	-
Green	16°	MF02 IP GREEN	-	-	-	-
Red	16°	MF02 IP RED	-	-	-	-

\*Available on request, please call our team for lead times and MOQ on 01604 495 151

### INSTALLATION INFORMATION

Weight	90g	Construction Material	Stainless steel (316)
Bathroom Zone	1	Face Temperature	<35°C
Ambient Temperature	35°C		

### WIRING INFORMATION

Cable / Flying Lead	0.15m (0.205mm² red & black PTFE)
Type of Wiring Required	Series

### LED DRIVERS

Product Code	mA	SELV	Dimming	Bathroom Zone	Min	Max
PLU/350 1-9	350	Yes	No	1	1	9
PLR/350 1-5	350	Yes	No	1	1	5
PLD UNI-DRIVE 350MA	350	Yes	Yes (1-10V)	2	1	10

### ACCESSORIES

Product Code	Description	
WB/M 01 / WB/M 02	Single bracket / double bracket	139
CR135	PTFE cable	375
PDC/GRID DIMMER	Grid dimmer kit for multiple fitting types	374
UY2 CONNECTOR	Quick waterproof connector	374

### GUARANTEE / WARRANTY

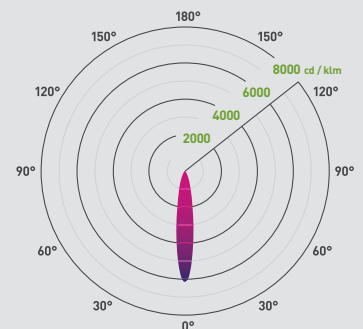
7 year extended warranty available

### FEATURES & BENEFITS

Mini spot light for discreet illumination

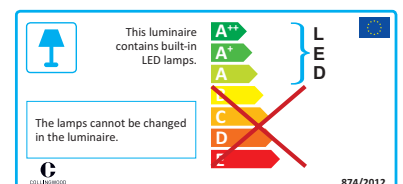
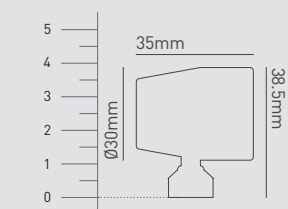
Can be used for interior and exterior applications

Can be rotated and angled to direct light



Beam angle: 16°

Additional diagrams available at [collingwoodlighting.com](http://collingwoodlighting.com)



874/2012



COLLINGWOOD  
LIGHTING



## MS02 IP

Adjustable LED mini light

### FEATURES

Wattage	1W	IP Rating	IP65
Tilttable	45°	Rotatable	360°
LED Lifetime	70,000h L70, B10	SDCM	3SDCM

### PHOTOMETRICS @ 25°C

Colour	Beam Angle	Product Code	CRI	lm	lm/W	lx at 1m
4000K	12°	MS02 IP NW	>70Ra	73	73	2160
3000K	12°	MS02 IP WW	>80Ra	50	50	2000
2700K	12°	MS02 IP 27*	>80Ra	49	49	1944
Amber	12°	MS02 IP AMBER	-	-	-	-
Blue	12°	MS02 IP BLUE	-	-	-	-
Green	12°	MS02 IP GREEN	-	-	-	-
Red	12°	MS02 IP RED	-	-	-	-

\*Available on request, please call our team for lead times and MOQ on 01604 495 151

### INSTALLATION INFORMATION

Weight	90g	Construction Material	Stainless steel (316)
Bathroom Zone	1	Face Temperature	<35°C
Ambient Temperature	35°C		

### WIRING INFORMATION

Cable / Flying Lead	0.15m (0.205mm² red & black PTFE)
Type of Wiring Required	Series

### LED DRIVERS

Product Code	mA	SELV	Dimming	Bathroom Zone	Min	Max
PLU/350 1-9	350	Yes	No	1	1	9
PLR/350 1-5	350	Yes	No	1	1	5
PLD UNI-DRIVE 350MA	350	Yes	Yes (1-10V)	2	1	10

### ACCESSORIES

Product Code	Description	
WB/M 01 / WB/M 02	Single bracket / double bracket	139
CR135	PTFE cable	375
PDC/GRID DIMMER	Grid dimmer kit for multiple fitting types	374
UY2 CONNECTOR	Quick waterproof connector	374

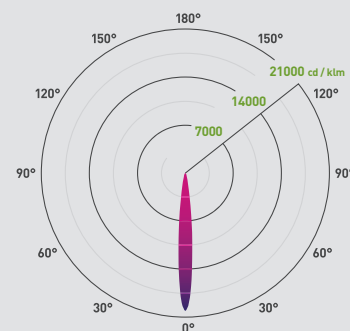
### GUARANTEE / WARRANTY

7 year extended warranty available

### FEATURES & BENEFITS

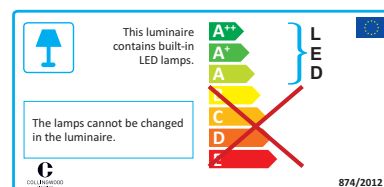
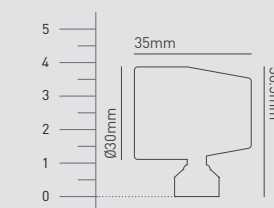
Mounting plates available

Can be rotated and angled to direct light



Beam angle: 12°

Additional diagrams available at [collingwoodlighting.com](http://collingwoodlighting.com)





## WB/M 01

Bracket for MF02 IP & MS02 IP

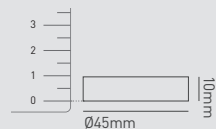
### FEATURES

Product Code	WB/M01
Construction material	Stainless steel 316
Guarantee	1 year guarantee

### USE IN CONJUNCTION WITH

MF02 IP	137
MS02 IP	138

Complete with wall fixings



## WB/M 02

Bracket for MF02 IP & MS02 IP

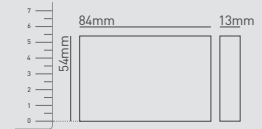
### FEATURES

Product Code	WB/M02
Construction material	Stainless steel 316
Guarantee	1 year guarantee

### USE IN CONJUNCTION WITH

MF02 IP	137
MS02 IP	138

Complete with wall fixings



## WB/M 02/30°

Angled double bracket for MF02 IP & MS02 IP

### FEATURES

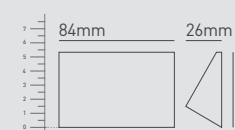
Product Code	WB/M 02/30 DEGREE
Construction material	Stainless steel 316
Guarantee	1 year guarantee

### USE IN CONJUNCTION WITH

MF02 IP	137
MS02 IP	137
WB/M BOX	139

Complete with wall fixings

30° angle



## WB/M BOX

Back box for WB/M 02/30°

### FEATURES

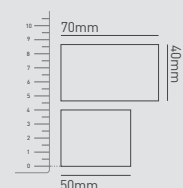
Product Code	WB/M BOX
Construction material	Steel
Guarantee	1 year guarantee

### USE IN CONJUNCTION WITH

WB/M 02/30°	139
-------------	-----

Pattern box wall bracket

Contains earth connector to house LED Driver







**COLLINGWOOD**  
LIGHTING



## WL050

LED wall / step light

### FEATURES

Wattage	1W	IP Rating	IP20
LED Lifetime	50,000h	SDCM	3SDCM

### PHOTOMETRICS @ 25°C

Colour	Beam Angle	Product Code	CRI	lm	lm/W	lx at 1m
4000K	84°	WL050 NW	>80Ra	62	52	23
3000K	84°	WL050 WW	>80Ra	29	24	13
2700K	84°	WL050 27*	>80Ra	28	23	13
Blue	84°	WL050 BLUE	-	-	-	-

\*Available on request, please call our team for lead times and MOQ on 01604 495 151

### INSTALLATION INFORMATION

Weight	100g	Cut-Out Size	77x77mm
Construction Material	Aluminium	Face Temperature	28°C
Ambient Temperature	35°C		

### WIRING INFORMATION

Cable / Flying Lead	0.3m (0.205mm² red & black PTFE)
Type of Wiring Required	Series (Plug & Play)

NB: Removal of plugs will render this product non-returnable

### LED DRIVERS

Product Code	mA	SELV	Dimming	Bathroom Zone	Min	Max
PLU/PP/350 1-9 (Plug & Play)	350	Yes	No	-	1	9
PLR/350 1-5	350	Yes	No	-	1	5
PLD UNI-DRIVE 350MA	350	Yes	Yes (1-10V)	-	1	10

### ACCESSORIES

Product Code	Description	
WL050 WALL BOX	Wall box for WL050	141
LED LYTE 1M EXT	1m Plug & Play extension lead	149
LED LYTE 6 WAY EXT	6-way 1m Plug & Play extension lead	149
PDC/GRID DIMMER	Grid dimmer kit for multiple fitting types	374

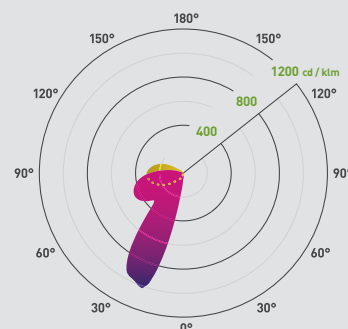
### GUARANTEE / WARRANTY

1 year guarantee

### FEATURES & BENEFITS

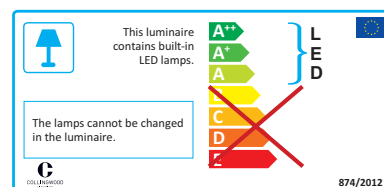
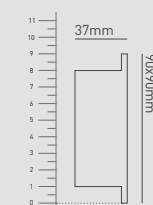
Plug and Play connector for quick installation

Wall box available



Beam angle: 84° C0/C180 84° C90/C270

Additional diagrams available at [collingwoodlighting.com](http://collingwoodlighting.com)





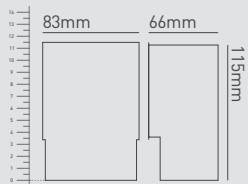
GUARANTEE / WARRANTY

1 year guarantee

FEATURES & BENEFITS

Wall box does not contain an earth terminal, therefore you should not place LED driver into bottom of unit

Steel construction for durability



WL050 WALL BOX

Wall box for WL050

FEATURES		
Product code	WL050 WALL BOX	
INSTALLATION INFORMATION		
Construction material	Steel	
IP Rating	IP20	
Cut-out size	77x77mm	
USE IN CONJUNCTION WITH		
Product code	Description	
WL050	LED wall / step light	140



COLLINGWOOD  
LIGHTING



## ML01

Decorative LED mini light

### FEATURES

Wattage	1W	IP Rating	IP68
LED Lifetime	70,000h L70, B10	SDCM	3SDCM

### PHOTOMETRICS @ 25°C

Colour	Beam Angle	Product Code	CRI	lm	lm/W	lx at 1m
4000K	-	ML01 NW	>70Ra	4	4	0
3000K	-	ML01 WW	>80Ra	3.6	3	0
2700K	-	ML01 27*	>80Ra	3.5	3.5	0
Amber	-	ML01 AMBER	-	-	-	-
Blue	-	ML01 BLUE	-	-	-	-
Green	-	ML01 GREEN	-	-	-	-
Red	-	ML01 RED	-	-	-	-

\*Available on request, please call our team for lead times and MOQ on 01604 495 151

### INSTALLATION INFORMATION

Weight	50g	Cut-Out Size	Ø 26mm
Construction Material	Stainless steel [316]	Bathroom Zone	0
Face Temperature	46°C	Ambient Temperature	35°C

### WIRING INFORMATION

Cable / Flying Lead	1m (0.205mm² red & black PTFE)
Type of Wiring Required	Series

### LED DRIVERS

Product Code	mA	SELV	Dimming	Bathroom Zone	Min	Max
PLU/350 1-9	350	Yes	No	1	1	9
PLR/350 1-5	350	Yes	No	1	1	5
PLD UNI-DRIVE 350MA	350	Yes	Yes (1-10V)	2	1	10

### ACCESSORIES

Product Code	Description	
CR135	PTFE cable	375
PDC/GRID DIMMER	Grid dimmer kit for multiple fitting types	374
UY2 CONNECTOR	Quick waterproof connector	374

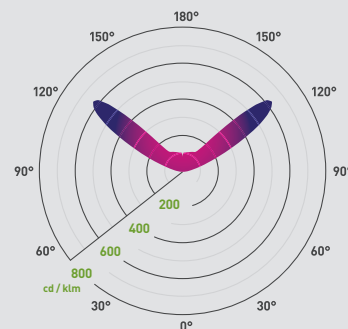
### GUARANTEE / WARRANTY

7 year extended warranty available

### FEATURES & BENEFITS

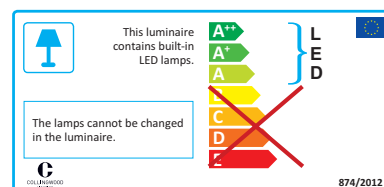
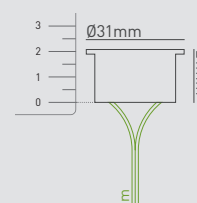
Small and discreet decorative recessed LED light

Perfect for discreet decorative light in interior and exterior applications



### Beam angle:

Additional diagrams available at [collingwoodlighting.com](http://collingwoodlighting.com)







## ML02

Decorative LED mini light

### FEATURES

Wattage	1W	IP Rating	IP68
LED Lifetime	70,000h L70, B10	SDCM	3SDCM

### PHOTOMETRICS @ 25°C

Colour	Beam Angle	Product Code	CRI	lm	lm/W	lx at 1m
4000K	-	ML02 NW	>70Ra	35	35	4
3000K	-	ML02 WW	>80Ra	24	24	3
2700K	-	ML02 27*	>80Ra	23	23	3
Amber	-	ML02 AMBER	-	-	-	-
Blue	-	ML02 BLUE	-	-	-	-
Green	-	ML02 GREEN	-	-	-	-
Red	-	ML02 RED	-	-	-	-

\*Available on request, please call our team for lead times and MOQ on 01604 495 151

### INSTALLATION INFORMATION

Weight	90g	Cut-Out Size	Ø 26mm
Construction Material	Stainless steel (316)	Bathroom Zone	0
Face Temperature	41°C	Ambient Temperature	35°C

### WIRING INFORMATION

Cable / Flying Lead	1m (0.205mm <sup>2</sup> red & black PTFE)
Type of Wiring Required	Series

### LED DRIVERS

Product Code	mA	SELV	Dimming	Bathroom Zone	Min	Max
PLU/350 1-9	350	Yes	No	1	1	9
PLR/350 1-5	350	Yes	No	0	1	5
PLD UNI-DRIVE 350MA	350	Yes	Yes (1-10V)	2	1	10

### ACCESSORIES

Product Code	Description	
CR135	PTFE cable	375
PDC/GRID DIMMER	Grid dimmer kit for multiple fitting types	374
UY2 CONNECTOR	Quick waterproof connector	374

### GUARANTEE / WARRANTY

7 year extended warranty available

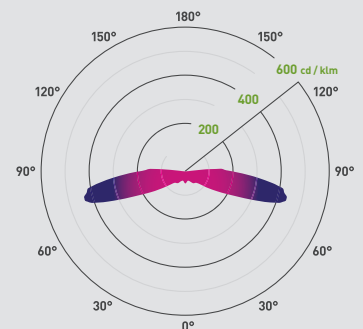
### FEATURES & BENEFITS

Great for guidance lighting

Can be used in interior and exterior applications

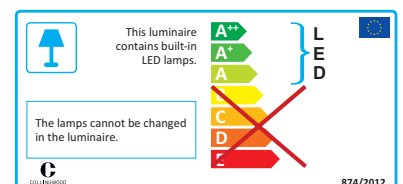
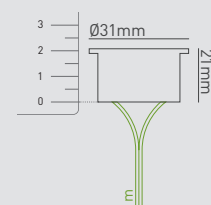
Small and discreet decorative LED light

Raised profile creates diffused glow effect on surrounding surface



#### Beam angle:

Additional diagrams available at [collingwoodlighting.com](http://collingwoodlighting.com)





COLLINGWOOD  
LIGHTING



## ML03

Mini halo LED wall light

### FEATURES

Wattage	1W	IP Rating	IP65
LED Lifetime	70,000h L70, B10	SDCM	3SDCM

### PHOTOMETRICS @ 25°C

Colour	Beam Angle	Product Code	CRI	lm	lm/W	lx at 1m
4000K	-	ML03 NW	>70Ra	40	40	4
3000K	-	ML03 WW	>80Ra	28	28	3
2700K	-	ML03 27*	>80Ra	27	27	3
Amber	-	ML03 AMBER	-	-	-	-
Blue	-	ML03 BLUE	-	-	-	-
Green	-	ML03 GREEN	-	-	-	-
Red	-	ML03 RED	-	-	-	-

\*Available on request, please call our team for lead times and MOQ on 01604 495 151

### INSTALLATION INFORMATION

Weight	50g	Cut-Out Size	Ø 26mm
Construction Material	Anodised aluminium	Bathroom Zone	1
Face Temperature	36°C	Ambient Temperature	30°C

### WIRING INFORMATION

Cable / Flying Lead	1m (0.205mm² red & black PTFE)
Type of Wiring Required	Series

### LED DRIVERS

Product Code	mA	SELV	Dimming	Bathroom Zone	Min	Max
PLU/350 1-9	350	Yes	No	1	1	9
PLR/350 1-5	350	Yes	No	1	1	5
PLD UNI-DRIVE 350MA	350	Yes	Yes (1-10V)	2	1	10

### ACCESSORIES

Product Code	Description	
CR135	PTFE cable	375
PDC/GRID DIMMER	Grid dimmer kit for multiple fitting types	374
UY2 CONNECTOR	Quick waterproof connector	374

### GUARANTEE / WARRANTY

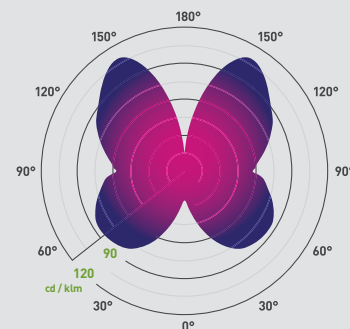
7 year extended warranty available

### FEATURES & BENEFITS

Raised profile creates diffused glow effect on surrounding surface

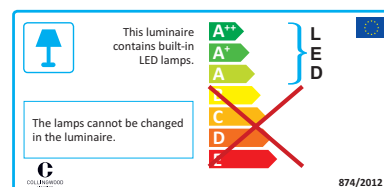
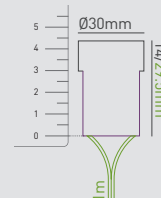
Can be used for interior and exterior applications

Small, discreet and low glare decorative LED light



### Beam angle:

Additional diagrams available at [collingwoodlighting.com](http://collingwoodlighting.com)





## LED LYTE SURFACE

Surface-mount LED mini light

### FEATURES

Wattage	1W	IP Rating	IP65
LED Lifetime	70,000h L70, B10	SDCM	3SDCM

### PHOTOMETRICS @ 25°C

Colour	Beam Angle	Product Code	CRI	lm	lm/W	lx at 1m
4000K	110°	LED LYTE SURFACE NW	>70Ra	82	82	46
3000K	110°	LED LYTE SURFACE WW	>80Ra	63	63	30
2700K	110°	LED LYTE SURFACE 27*	>80Ra	61	61	29

\*Available on request, please call our team for lead times and MOQ on 01604 495 151

### INSTALLATION INFORMATION

Weight	90g	Construction Material	Anodised aluminium
Bathroom Zone	1	Face Temperature	36°C
Ambient Temperature	35°C		

### WIRING INFORMATION

Cable / Flying Lead	1m (0.205mm² red & black PTFE)
Type of Wiring Required	Series (Plug & Play)

NB: Removal of plugs will render this product non-returnable

### LED DRIVERS

Product Code	mA	SELV	Dimming	Bathroom Zone	Min	Max
PLU/PP/350 1-9 (Plug & Play)	350	Yes	No	1	1	9
PLR/350 1-5	350	Yes	No	1	1	5
PLD UNI-DRIVE 350mA	350	Yes	Yes (1-10V)	2	1	10

### ACCESSORIES

Product Code	Description	
LED LYTE 1M EXT	1m Plug & Play extension lead	149
LED LYTE 6 WAY EXT	6-way 1m Plug & Play extension lead	149
PDC/GRID DIMMER	Grid dimmer kit for multiple fitting types	374

### GUARANTEE / WARRANTY

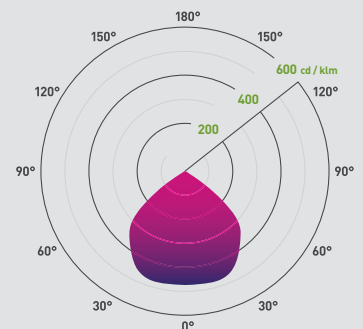
7 year extended warranty available

### FEATURES & BENEFITS

Plug and Play connector for quick installation

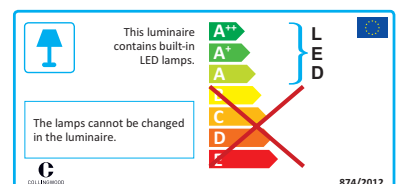
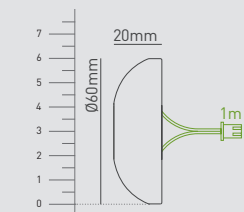
Complete with wall fixings

Small & discreet, ideal for under cabinet lighting



Beam angle: 110°

Additional diagrams available at [collingwoodlighting.com](http://collingwoodlighting.com)







COLLINGWOOD  
LIGHTING



## LED LYTE IP

IP rated mini LED flood light

### FEATURES

Wattage	1W	IP Rating	IP65
LED Lifetime	70,000h L70, B10	SDCM	3SDCM

### PHOTOMETRICS @ 25°C

Colour	Beam Angle	Product Code	CRI	lm	lm/W	lx at 1m
4000K	110°	LED LYTE IP NW	>70Ra	82	82	46
3000K	110°	LED LYTE IP WW	>80Ra	63	63	30
2700K	110°	LED LYTE IP 27*	>80Ra	58	58	29
Amber	110°	LED LYTE IP AMB	-	-	-	-
Blue	110°	LED LYTE IP BL	-	-	-	-
Green	110°	LED LYTE IP GR	-	-	-	-
Red	110°	LED LYTE IP RED	-	-	-	-

\*Available on request, please call our team for lead times and MOQ on 01604 495 151

### INSTALLATION INFORMATION

Weight	40g	Cut-Out Size	Ø 26mm
Construction Material	Anodised aluminium	Bathroom Zone	1
Face Temperature	40°C	Ambient Temperature	35°C

NB: Removal of plugs will render this product non-returnable

### WIRING INFORMATION

Cable / Flying Lead	1m (0.205mm² red & black PTFE)
Type of Wiring Required	Series (Plug & Play)

### LED DRIVERS

Product Code	mA	SELV	Dimming	Bathroom Zone	Min	Max
PLU/PP/350 1-9 (Plug & Play)	350	Yes	No	1	1	9
PLR/350 1-5	350	Yes	No	1	1	5
PLD UNI-DRIVE 350mA	350	Yes	Yes (1-10V)	2	1	10

### ACCESSORIES

Product Code	Description	
LED LYTE 1M EXT	1m Plug & Play extension lead	149
LED LYTE 6 WAY EXT	6-way 1m Plug & Play extension lead	149
PDC/GRID DIMMER	Grid dimmer kit for multiple fitting types	374

### GUARANTEE / WARRANTY

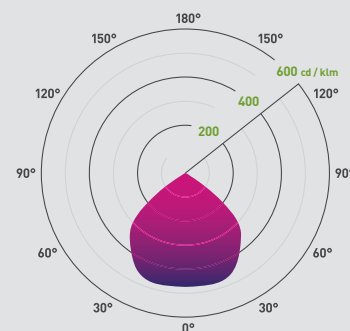
7 year extended warranty available

### FEATURES & BENEFITS

Plug and Play connector for quick installation

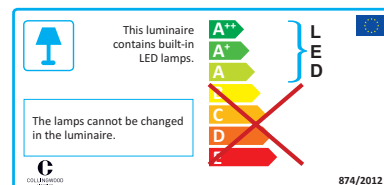
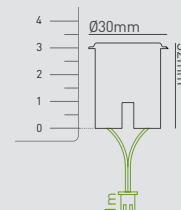
Small & discreet

Ideal for decorative lighting



Beam angle: 110°

Additional diagrams available at [collingwoodlighting.com](http://collingwoodlighting.com)





COLLINGWOOD  
LIGHTING



## LED LYTE IP T

IP rated threaded mini LED light

### GUARANTEE / WARRANTY

7 year extended warranty available

### FEATURES & BENEFITS

Plug and Play connector for quick installation

Thread and nut for secure fitting

Small and discreet

#### FEATURES

Wattage	1W	IP Rating	IP65
LED Lifetime	70,000h L70, B10	SDCM	3SDCM

#### PHOTOMETRICS @ 25°C

Colour	Beam Angle	Product Code	CRI	lm	lm/W	lx at 1m
4000K	110°	LED LYTE IP T NW	>70Ra	82	82	46
2700K	110°	LED LYTE IP T 27*	>80Ra	58	58	29
Blue	110°	LED LYTE IP T BL	-	-	-	-

\*Available on request, please call our team for lead times and MOQ on 01604 495 151

#### INSTALLATION INFORMATION

Weight	40g	Cut-Out Size	Ø 26mm
Construction Material	Anodised aluminium	Bathroom Zone	1
Face Temperature	40°C	Ambient Temperature	35°C

#### WIRING INFORMATION

Cable / Flying Lead	1m (0.205mm² red & black PTFE)
Type of Wiring Required	Series (Plug & Play)

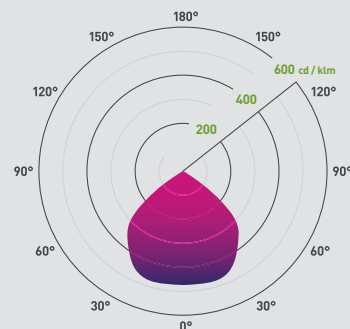
NB: Removal of plugs will render this product non-returnable

#### LED DRIVERS

Product Code	mA	SELV	Dimming	Bathroom Zone	Min	Max
PLU/PP/350 1-9 (Plug & Play)	350	Yes	No	1	1	9
PLR/350 1-5	350	Yes	No	1	1	5
PLD UNI-DRIVE 350mA	350	Yes	Yes (1-10V)	2	1	10

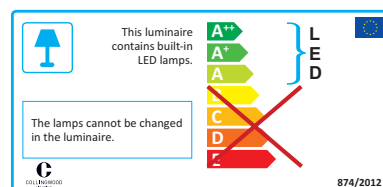
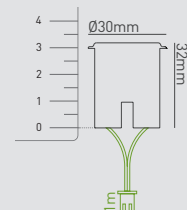
#### ACCESSORIES

Product Code	Description	
LED LYTE 1M EXT	1m Plug & Play extension lead	149
LED LYTE 6 WAY EXT	6-way 1m Plug & Play extension lead	149
PDC/GRID DIMMER	Grid dimmer kit for multiple fitting types	374



Beam angle: 110°

Additional diagrams available at [collingwoodlighting.com](http://collingwoodlighting.com)





COLLINGWOOD  
LIGHTING



## LED LYTE

Mini LED downlight

### FEATURES

Wattage	1W	IP Rating	IP30
LED Lifetime	70,000h L70, B10	SDCM	3SDCM

### PHOTOMETRICS @ 25°C

Colour	Beam Angle	Product Code	CRI	lm	lm/W	lx at 1m
4000K	110°	LED LYTE NW	>70Ra	82	82	46
3000K	110°	LED LYTE WW	>80Ra	60	60	30
2700K	110°	LED LYTE 27*	>80Ra	58	58	29
Amber	110°	LED LYTE AMBER	-	-	-	-
Blue	110°	LED LYTE BLUE	-	-	-	-
Red	110°	LED LYTE RED	-	-	-	-

\*Available on request, please call our team for lead times and MOQ on 01604 495 151

### INSTALLATION INFORMATION

Weight	20g	Cut-Out Size	Ø 26mm
Construction Material	Plastic	Face Temperature	39°C
Ambient Temperature	35°C		

### WIRING INFORMATION

Cable / Flying Lead	1m (0.205mm² red & black PTFE)
Type of Wiring Required	Series (Plug & Play)

NB: Removal of plugs will render this product non-returnable

### LED DRIVERS

Product Code	mA	SELV	Dimming	Bathroom Zone	Min	Max
PLU/PP/350 1-9 (Plug & Play)	350	Yes	No	-	1	9
PLR/350 1-5	350	Yes	No	-	1	5
PLD UNI-DRIVE 350mA	350	Yes	Yes (1-10V)	-	1	10

### ACCESSORIES

Product Code	Description	
LED LYTE 1M EXT	1m Plug & Play extension lead	149
LED LYTE 6 WAY EXT	6-way 1m Plug & Play extension lead	149
PDC/GRID DIMMER	Grid dimmer kit for multiple fitting types	374

### GUARANTEE / WARRANTY

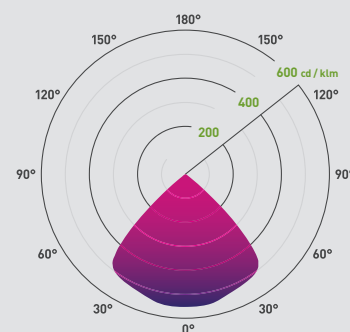
7 year extended warranty available

### FEATURES & BENEFITS

Plug and Play connector for quick installation

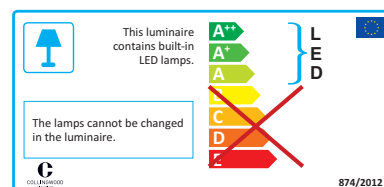
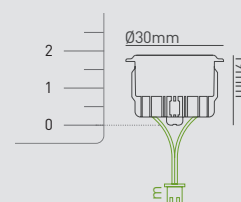
Small and discreet

Ideal for decorative lighting

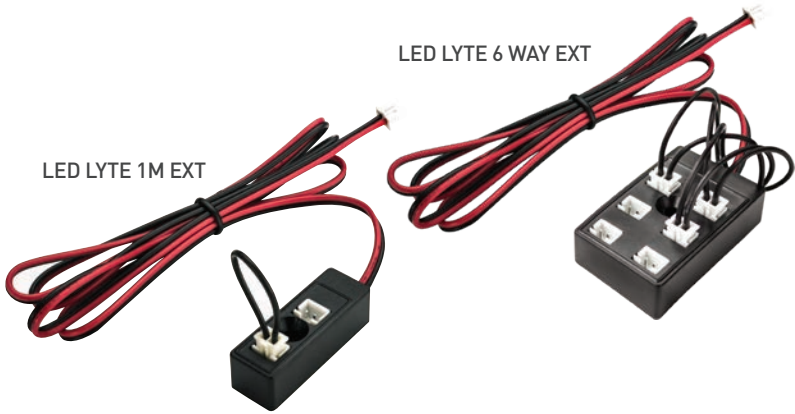


Beam angle: 110°

Additional diagrams available at [collingwoodlighting.com](http://collingwoodlighting.com)







GUARANTEE / WARRANTY

1 year guarantee

FEATURES & BENEFITS

Plug and Play connectivity removes the need for traditional time consuming wiring

Each extension socket can be used for additional LED

Complete circuit with LED or blanking plug

LED LYTE 1M EXT | LED LYTE 6 WAY EXT

1m extension lead | 6-way 1m extension lead

FEATURES			
Product Code	LED LYTE 1M EXT LED LYTE 6 WAY EXT	Construction material	Plastic
WIRING INFORMATION			
Cable / flying lead	1m		
Type of wiring required	Series (Plug & Play)		
NB: Removal of plugs will render this product non-returnable			
USE IN CONJUNCTION WITH			
DL120			120
DL130			121
LED LYTE			148
LED LYTE IP			146
LED LYTE IP T			147
LED LYTE SURFACE			145
PLU/PP/350 1-9			354
WL050			140

# Commercial.

Used in offices, hospitals and retail outlets, commercial lighting has to be functional, durable and serve the appropriate purposes. Consider the illumination of the space and the lux levels required. Consuming less power and having a much greater operating life than that of its more traditional competitors, LED lighting is being quickly adopted in this sector and rapidly proving numerous benefits.

Lighting in commercial spaces can have a huge impact on productivity, morale and basic health and safety. Fitting the correct lighting is massively important in creating a safe and comfortable working environment for all occupants. Not only can LED lighting offer financial, environmental and health benefits, it also allows a space to be controlled easily with the use of dimmers, sensors and smartphone devices. Collingwood's range of commercial lighting caters for all environments and is the ideal solution for your installation.





# THEA COMMERCIAL DOWNLIGHTS

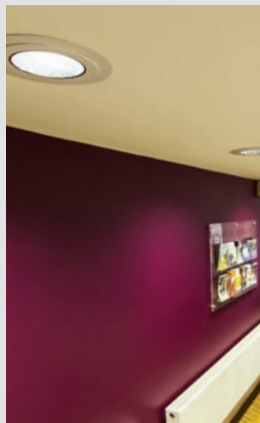
## HIGH OUTPUT FUNCTIONAL LIGHTING

Our range of commercial downlights are suitable for countless applications such as office buildings, hospitals and hotels.

### Colour switchable

Easily switch between three colour temperatures by using a conveniently located switch on the integral cable.

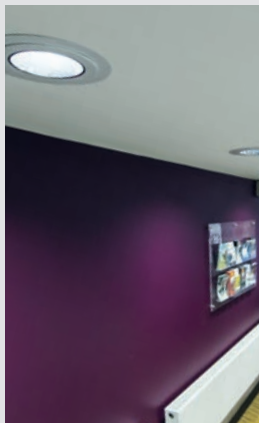
#### 3000K



#### 4000K



#### 6500K



### IP54

All of our commercial downlights have the added benefit of IP54 rating, allowing for installation near areas with water, such as bathrooms or water features.



### Dimming options

As each installation is unique and has individual requirements, choose between mains or DALI dimming options.



If your product has an integrated mains dimmable driver, no separate driver is required. This is classed as a 'straight to mains' product.



A DALI system can be structured in a way which allows LEDs to respond to certain rooms or zones. Each LED in the same zone will dim an equal amount\*.

### 5-year extended warranty

Across our entire commercial downlight range, we offer a five-year warranty, so you can be assured of our commitment to quality.



### Emergency pack option\*

In the event of a power outage, your emergency lighting system will illuminate a safe evacuation route from commercial and high occupancy buildings such as office spaces, hospitals and hotels.

The plug and play emergency pack can be used with each product in the range offering a flexible solution to complement any lighting scheme.

\*For emergency pack enquires please call us on +44 (0) 1604 495 151

# CHOOSING THE IDEAL COMMERCIAL DOWNLIGHT FOR YOUR INSTALLATION

As every installation is different, it's important to choose the correct commercial downlight for the environment you're working with to ensure the best possible results.

## Things to consider when choosing your commercial downlight

Follow the simple questions below to ascertain which commercial downlight is ideal for your installation. Then use the table to establish the part code of the required product.

### What wattage do you need?

You will need to consider the distance between your light fittings.

The greater the distance between products, the higher wattage product you will need to illuminate the room.

The smaller the distance between products, the lower the wattage product you will need to illuminate the room.

### What type of dimming do you need?

#### Mains

If your product has an integrated, mains dimmable driver, no separate driver is required. This is classed as a 'straight to mains' product.

#### DALI\*

A DALI system can be structured in a way which allows LEDs to respond to certain rooms or zones. Each LED in the same zone will dim an equal amount.

### Do you need an emergency pack?

In the event of a power outage, your emergency lighting system will illuminate a safe evacuation route from commercial and high occupancy buildings such as office spaces, hospitals and hotels.

### Is it a retro-fit and has a hole diameter of 240-290mm?

When retro-fitting commercial downlights, the previous downlight may have required a larger hole than is needed for our products.

For such instances, we have a converter plate that enables you to install our commercial downlight by creating an additional surface area for the product to slot in to. Our converter plate is compatible with the 24W and 32W Thea commercial downlights.



Partcode: DL801

Partcode	Wattage	Dimming	Emergency pack	Cut out (mm)
<b>CDL0112M</b> <small>Page 154</small>	12W	Mains	No	100
<b>CDL0116M</b> <small>Page 155</small>	16W	Mains	No	150

Partcode	Wattage	Dimming	Emergency pack	Cut out (mm)
<b>CDL0124M</b> <small>Page 156</small>	24W	Mains	No	200
<b>CDL0132M</b> <small>Page 157</small>	32W	Mains	No	200

\*For DALI dimming enquiries please call us on +44 (0) 1604 495 151



COLLINGWOOD  
LIGHTING



## GUARANTEE / WARRANTY

5 year guarantee

## Thea 12W

12W colour switchable dimmable plug and play commercial LED downlight

### FEATURES

Wattage	12W	UGR rating	UGR 32
Color Switchable	Yes	Input	Mains
IP Rating	IP54	LED lifetime	50,000h
Tilttable	No		
Dimmable	Yes (mains dimmable), call 01604 495 151 for more dimming options		
Emergency version available	Yes, call 01604495151 for more information		

### PHOTOMETRICS @ 25°C

Colour	Beam angle	Product code	CRI	lm	lm/W	lx at 1m
6500K	100°	CDL0112M	>80Ra	1300	108	512
4000K	100°		>80Ra	1300	108	512
3000K	100°		>80Ra	1200	100	471

### INSTALLATION INFORMATION

Easy install connector type	plug and play	Weight	316g
Insulation coverable	No	Inrush current	1.6A/16us
Cut-out size	100mm	Construction material	Aluminium
Bathroom zone	2	Maximum ceiling thickness	20mm
Face temperature	25°C	Ambient temperature	40°C
Building regulations	P (electrical safety) and L (conservation of energy-2014 regulations)		

### WIRING INFORMATION

Cable / flying lead	0.15m Class II
Type of wiring required	Parallel (mains) 220-240V AC 50/60Hz

### LED DRIVERS

Product code	Input	SELV	Dimming	Bathroom zone	Min	Max
N/A (intergrated SELV driver)	220-240V	SELV	Yes (mains)	2 (ceiling only)	N/A	N/A

### ACCESSORIES

Product code	Description
N/A	No accessories required

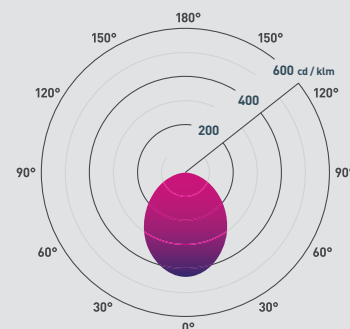
## FEATURES & BENEFITS

Colour switchable for ultimate flexibility

Highly efficient

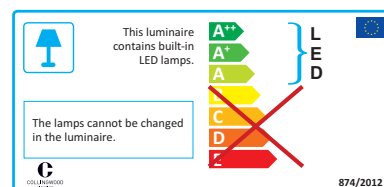
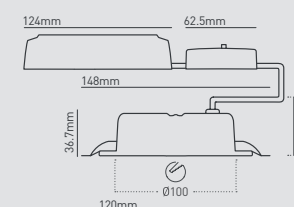
Plug and play connector on driver for easy installation to luminaire

Mains dimmable as standard



Beam angle: 100°

Additional diagrams available at [collingwoodlighting.com](http://collingwoodlighting.com)







## Thea 16W

16W colour switchable dimmable plug and play commercial LED downlight

### GUARANTEE / WARRANTY

5 year guarantee

### FEATURES & BENEFITS

Colour switchable for ultimate flexibility

Highly efficient

Plug and play connector on driver for easy installation to luminaire

Mains dimmable as standard

#### FEATURES

Wattage	16W	UGR rating	UGR 29
Color Switchable	Yes	Input	Mains
IP Rating	IP54	LED lifetime	50,000h
Tilttable	No		
Dimmable	Yes (mains dimmable), call 01604 495 151 for more dimming options		
Emergency version available	Yes, call 01604495151 for more information		

#### PHOTOMETRICS @ 25°C

Colour	Beam angle	Product code	CRI	lm	lm/W	lx at 1m
6500K	100°	CDL0116M	>80Ra	1700	106	679
4000K	100°		>80Ra	1700	106	679
3000K	100°		>80Ra	1600	100	624

#### INSTALLATION INFORMATION

Easy install connector type	plug and play	Weight	484g
Insulation coverable	No	Inrush current	1.7A/17us
Cut-out size	150mm	Construction material	Aluminium
Bathroom zone	2	Maximum ceiling thickness	20mm
Face temperature	25°C	Ambient temperature	40°C
Building regulations	P (electrical safety) and L (conservation of energy-2014 regulations)		

#### WIRING INFORMATION

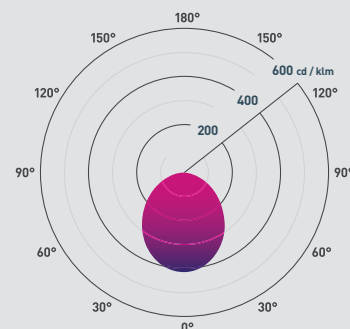
Cable / flying lead	0.15m Class II
Type of wiring required	Parallel (mains) 220-240V AC 50/60Hz

#### LED DRIVERS

Product code	Input	SELV	Dimming	Bathroom zone	Min	Max
N/A (intergrated SELV driver)	220-240V	SELV	Yes (mains)	2 (ceiling only)	N/A	N/A

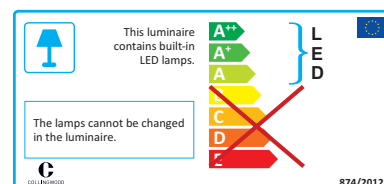
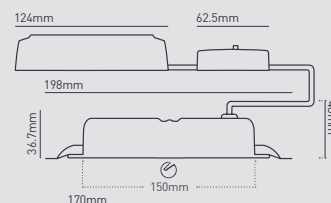
#### ACCESSORIES

Product code	Description
N/A	No accessories required



Beam angle: 100°

Additional diagrams available at [collingwoodlighting.com](http://collingwoodlighting.com)





**COLLINGWOOD  
LIGHTING**



## GUARANTEE / WARRANTY

5 year guarantee

## Thea 24W

24W colour switchable dimmable plug and play commercial LED downlight

### FEATURES

Wattage	24W	UGR rating	UGR 30
Color Switchable	Yes	Input	Mains
IP Rating	IP54	LED lifetime	50,000h
Tilttable	No		
Dimmable	Yes (mains dimmable), call 01604 495 151 for more dimming options		
Emergency version available	Yes, call 01604495151 for more information		

### PHOTOMETRICS @ 25°C

Colour	Beam angle	Product code	CRI	lm	lm/W	lx at 1m
6500K	100°	CDL0124M	>80Ra	2800	117	1140
4000K	100°		>80Ra	2800	117	1140
3000K	100°		>80Ra	2600	108	1048

### INSTALLATION INFORMATION

Easy install connector type	plug and play	Weight	703g
Insulation coverable	No	Inrush current	2.3A//9us
Cut-out size	200mm	Construction material	Aluminium
Bathroom zone	2	Maximum ceiling thickness	20mm
Face temperature	25°C	Ambient temperature	40°C
Building regulations	P (electrical safety) and L (conservation of energy-2014 regulations)		

### WIRING INFORMATION

Cable / flying lead	0.15m Class II
Type of wiring required	Parallel (mains) 220-240V AC 50/60Hz

### LED DRIVERS

Product code	Input	SELV	Dimming	Bathroom zone	Min	Max
N/A (intergrated SELV driver)	220-240V	SELV	Yes (mains)	2 (ceiling only)	N/A	N/A

### ACCESSORIES

Product code	Description
DL801	Converter plate

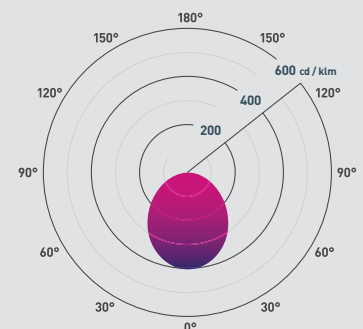
## FEATURES & BENEFITS

Colour switchable for ultimate flexibility

Highly efficient

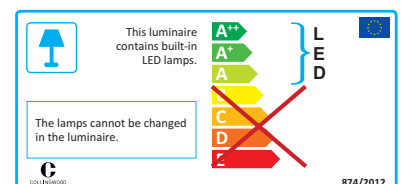
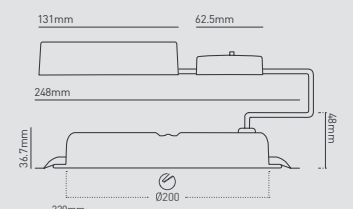
Plug and play connector on driver for easy installation to luminaire

Mains dimmable as standard



**Beam angle: 100°**

Additional diagrams available at [collingwoodlighting.com](http://collingwoodlighting.com)





## Thea 32W

32W colour switchable dimmable plug and play commercial LED downlight

### GUARANTEE / WARRANTY

5 year guarantee

### FEATURES & BENEFITS

Colour switchable for ultimate flexibility

Highly efficient

Plug and play connector on driver for easy installation to luminaire

Mains dimmable as standard

#### FEATURES

Wattage	32W	UGR rating	UGR 30
Color Switchable	Yes	Input	Mains
IP Rating	IP54	LED lifetime	50,000h
Tilttable	No		
Dimmable	Yes (mains dimmable), call 01604 495 151 for more dimming options		
Emergency version available	Yes, call 01604495151 for more information		

#### PHOTOMETRICS @ 25°C

Colour	Beam angle	Product code	CRI	lm	lm/W	lx at 1m
6500K	100°	CDL0132M	>80Ra	3500	109	1338
4000K	100°		>80Ra	3500	109	1338
3000K	100°		>80Ra	3400	106	1230

#### INSTALLATION INFORMATION

Easy install connector type	plug and play	Weight	703g
Insulation coverable	No	Inrush current	2.88A/2.4us
Cut-out size	200mm	Construction material	Aluminium
Bathroom zone	2	Maximum ceiling thickness	20mm
Face temperature	25°C	Ambient temperature	40°C
Building regulations	P (electrical safety) and L (conservation of energy-2014 regulations)		

#### WIRING INFORMATION

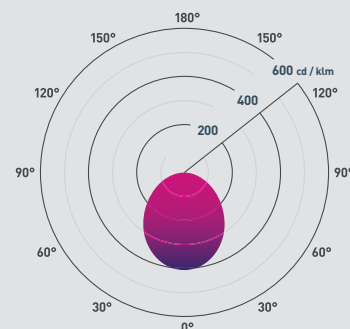
Cable / flying lead	0.15m Class II
Type of wiring required	Parallel (mains) 220-240V AC 50/60Hz

#### LED DRIVERS

Product code	Input	SELV	Dimming	Bathroom zone	Min	Max
N/A (integrated SELV driver)	220-240V	SELV	Yes (mains)	2 (ceiling only)	N/A	N/A

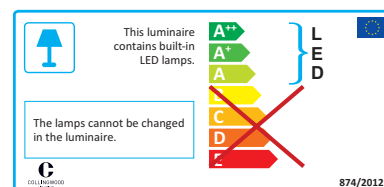
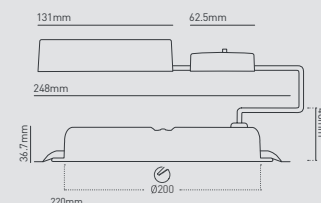
#### ACCESSORIES

Product code	Description	
DL801	Converter plate	153



Beam angle: 100°

Additional diagrams available at [collingwoodlighting.com](http://collingwoodlighting.com)





# RETAIL LIGHTING

## FLEXIBLE TRACK AND RECESSED LIGHTING

Choose between track and recessed lighting in a variety of finishes to obtain the ideal product for your installation. Each product is available in rotatable and tiltable lenses, providing a flexible and functional solution.

### Truer, brighter colour with CrispWhite technology

Our CrispWhite technology unveils the crispest whites and most vibrant reds, allowing products to really attract the eye of customers in retail environments. The high colour rendering index (CRI >90) of this range ensures clothing and other materials look their best.



#### Existing fittings

Can leave merchandise looking lifeless



#### Collingwood Retail

Allow the true colours of merchandise to stand out with CRI >90

### Choose white

Using LUXEON CrispWhite technology, the Collingwood retail range delivers on all fronts (3000K options only.) The technology provides a unique combination of warm, saturated colours as well as creating a natural, crisp whiteness. This works by activating fluorescent agents in paints and fabrics to ultimately display merchandise in its true colours. This is ideal for CDM / CMH replacements.



**Conventional retail lighting**  
Materials may appear washed out or 'yellowed'.



**LUXEON CrispWhite Technology**  
Show off the true vibrant colours of materials.

### Low glare accessory

To illuminate areas of heavy traffic such as paypoints or customer service desks, add this honeycomb insert to provide a diffused light.



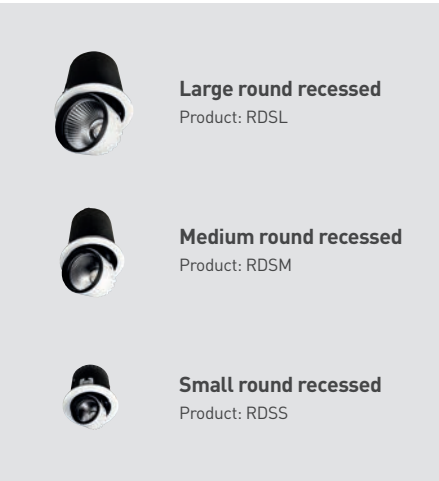
# Product families

Many retail outlets have unique layouts which do not allow for a generic install. With Collingwood Lighting’s family of retail products, it’s possible to include a mixture of track and recessed luminaires to accommodate the bespoke requirements of a space. Small, medium or large track luminaires can be installed in close proximity to each other to project light where needed, or to accommodate low ceilings. Our products can be retrofitted into existing track schemes and are compatible with Global™ 3 circuit track.

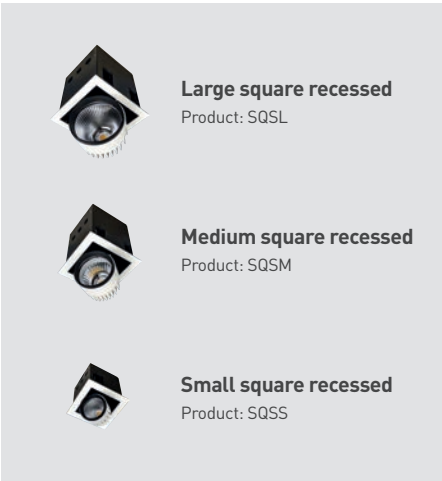
## Track lighting



## Round recessed



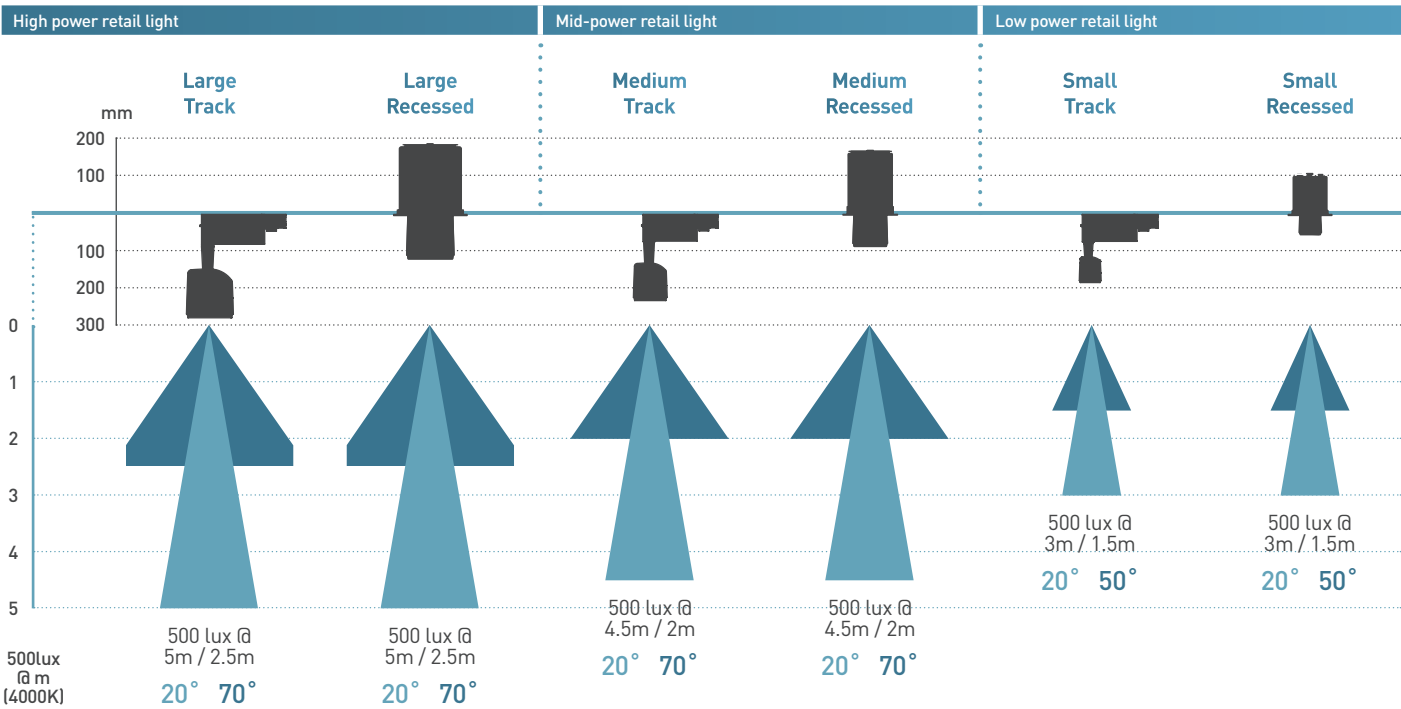
## Square recessed



The Collingwood Lighting retail products are available in three different sizes and finishes, making it easy to create the perfect installation.

# Product comparison

Using the diagram below, work out which sized product and output is right for your needs.



# CHOOSING THE IDEAL TRACK & COMPONENTS FOR YOUR INSTALLATION

Using the below information, create the ideal grid for your track lighting.

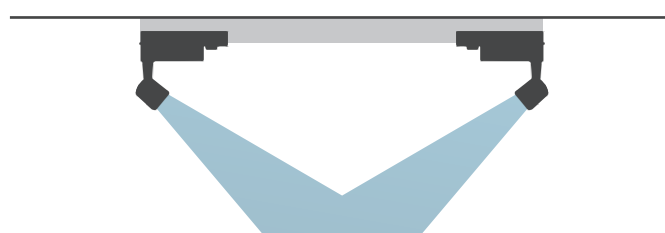
Retail displays are constantly evolving. The flexible nature of track lighting ensures that merchandise will remain beautifully lit wherever displays are positioned. The lighting can be moved along a purpose-built grid with the ability to rotate and tilt, ensuring ultimate flexibility.

When building a grid, it's important to consider where the majority of your merchandise will be displayed. All of our track lighting rotates 355°, and we recommend two track set-up options as shown in diagrams A and B below.







If the majority of merchandise is displayed on walls or outside the area of your grid, you will need to assemble an **'outside'** grid.



If the majority of merchandise is displayed under the grid, you will need to assemble an **'inside'** grid.



**Outside grid**

- 1 L - Connector**  
 Use for corners  
 See page 163 for partcodes
 
- 2 T - Connector**  
 Use to create a T-junction  
 See page 163 for partcodes  
**Use opposite T-connector mirrored**

- 3 T - Connector (mirrored)**  
 Use to create a T-junction  
 See page 163 for partcodes  
**Use opposite T-connector**

- 4 X - Connector**  
 Use to join a cross section  
 See page 163 for partcodes
 
- 5 End cap**  
 Completes the track  
 See page 163 for partcodes
 
- 6 Connector end feed**  
 Connects the grid to the mains  
 See page 163 for partcodes
 



## Corner components

To increase the flexibility of the grid, there are three different types of connector:

### Fixed 90° corner

See page 163 for partcodes

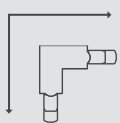
### Flexible corner

See page 163 for partcodes

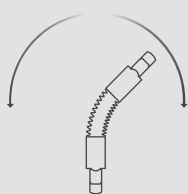
### Adjustable corner

See page 163 for partcodes

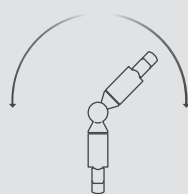
Fixed 90°



360°



200°



## Track extensions

Track fixtures are available in 1m and 2m lengths. These can be cut shorter or increased using extensions, such as:

### Straight connector

See page 163 for partcodes

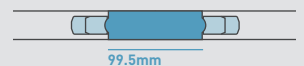
Extend sections of track using a straight connector. It sits concealed within the track, without adding extra length, for a neat and tidy finish.



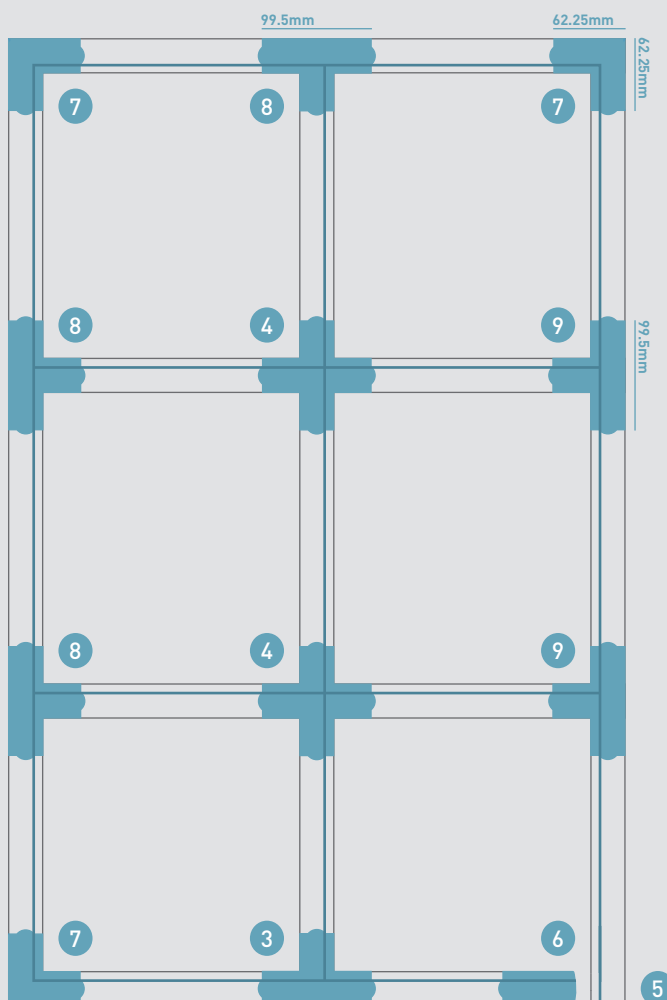
### Connector middle feed

See page 163 for partcodes

This extension adds 99.5mm length to the track. The connector middle feed allows the mains to be fed from the middle of a straight track.



## Inside grid



### 7 L - Connector

Use for corners  
See page 163 for partcodes



### 8 T - Connector

Use to create a T-junction  
See page 163 for partcodes  
**Use opposite T-connector mirrored**



### 9 T - Connector (mirrored)

Use to create a T-junction  
See page 163 for partcodes  
**Use opposite T-connector**



### 4 X - Connector

Use to join a cross section  
See page 163 for partcodes



### 5 End cap

Completes the track  
See page 163 for partcodes



### 6 Connector end feed








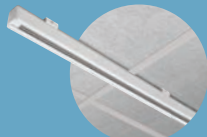



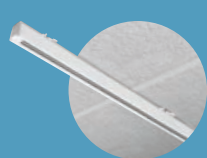



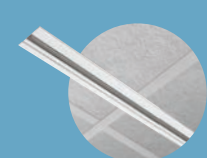




Connects the grid to the mains  
See page 163 for partcodes



# CHOOSING THE IDEAL TRACK & COMPONENTS

## FOR YOUR INSTALLATION

Using the table below, determine which components you'll require for your installation.

Choose the mounting method that's relevant to your installation	Clamps required	Choice of suspension kit		Choice of track		
<div></div> <div><b>Suspension mount</b> To suspend track from the ceiling</div>	<div></div> <div><b>Suspension mount clamp</b> Silver: SP4R1 Black: SP4R2 White: SP4R3</div>	<div>Or</div> <div></div> <div><b>1m rod suspension</b> Black: SPR62 White: SPR63</div>	<div>Must be used together</div> <div></div> <div><b>1.5m wire suspension</b> Silver: XTS411 Black: XTS412 White: XTS413</div>	<div></div> <div><b>Recessed ceiling clamp</b> Silver: SKB11R1 Black: SKB11R2 White: SKB11R3</div>	<div></div> <div><b>1m surface track</b> Silver: XTS41001 Black: XTS41002 White: XTS41003</div>	<div></div> <div><b>2m surface track</b> Silver: XTS42001 Black: XTS42002 White: XTS42003</div>
<div></div> <div><b>Surface mount</b> To mount track onto a solid surface</div>	<div></div> <div><b>Surface mount clamp</b> Silver: SKB121 Black: SKB122 White: SKB123</div>	-		<div></div> <div><b>1m surface track</b> Silver: XTS41001 Black: XTS41002 White: XTS41003</div>	<div></div> <div><b>2m surface track</b> Silver: XTS42001 Black: XTS42002 White: XTS42003</div>	
<div></div> <div><b>Surface mount to suspended ceiling</b> To mount track on the surface of a suspended ceiling</div>	<div></div> <div><b>Suspended ceiling clamp</b> Silver: SKB11T1 Black: SKB11T2 White: SKB11T3</div>	-		<div></div> <div><b>1m surface track</b> Silver: XTS41001 Black: XTS41002 White: XTS41003</div>	<div></div> <div><b>2m surface track</b> Silver: XTS42001 Black: XTS42002 White: XTS42003</div>	
<div></div> <div><b>Recessed mount</b> To mount track flush to a ceiling</div>	-	<div>Must be used together</div> <div></div> <div><b>1.5m wire suspension</b> Silver: SPW11 Black: SPW12 White: SPW13</div>		<div></div> <div><b>Recessed ceiling clamp</b> Silver: SKB11R1 Black: SKB11R2 White: SKB11R3</div>	<div></div> <div><b>1m recessed track</b> Silver: XTSF41001 Black: XTSF41002 White: XTSF41003</div>	<div></div> <div><b>2m recessed track</b> Silver: XTSF42001 Black: XTSF42002 White: XTSF42003</div>

Use a bending tool to bend the internal copper cores to allow for an electrical connection

Partcode: XTSV12



### Track required

A connector end feed and an end cap are essential



**Connector end feed**

Silver: XTS111  
Black: XTS112  
White: XTS113



**End cap**

Silver: XTS411  
Black: XTS412  
White: XTS413



**Connector end feed**

Silver: XTS111  
Black: XTS112  
White: XTS113



**End cap**

Silver: XTS411  
Black: XTS412  
White: XTS413



**Connector end feed**

Silver: XTS111  
Black: XTS112  
White: XTS113



**End cap**

Silver: XTS411  
Black: XTS412  
White: XTS413



**Connector end feed**

Silver: XTS111  
Black: XTS112  
White: XTS113



**End cap**

Silver: XTS411  
Black: XTS412  
White: XTS413

### Choose the appropriate connectors for your grid

Remember to consider if your grid has an 'outside' or 'inside' set up (Page 160 - 161)

#### Outside grid connectors



**Straight connector**

Silver: XTS211  
Black: XTS212  
White: XTS213



**Connector middle feed**

Silver: XTS141  
Black: XTS142  
White: XTS143



**Flexible corner**

Silver: XTS231  
Black: XTS232  
White: XTS233



**Adjustable corner**

Silver: XTS241  
Black: XTS242  
White: XTS243



**L-connector**

Silver: XTS351  
Black: XTS352  
White: XTS353



**X-connector**

Silver: XTS381  
Black: XTS382  
White: XTS383



**T-connector**

Silver: XTS391  
Black: XTS392  
White: XTS393



**T-connector mirrored**

Silver: XTS361  
Black: XTS362  
White: XTS363

#### Inside grid connectors



**Straight connector**

Silver: XTS211  
Black: XTS212  
White: XTS213



**Connector middle feed**

Silver: XTS141  
Black: XTS142  
White: XTS143



**Flexible corner**

Silver: XTS231  
Black: XTS232  
White: XTS233



**Adjustable corner**

Silver: XTS241  
Black: XTS242  
White: XTS243



**L-connector**

Silver: XTS341  
Black: XTS342  
White: XTS343



**X-connector**

Silver: XTS381  
Black: XTS382  
White: XTS383



**T-connector**

Silver: XTS371  
Black: XTS372  
White: XTS373



**T-connector mirrored**

Silver: XTS401  
Black: XTS402  
White: XTS403

### Cover plates

For concealing components



**Feed cover plate**

Silver: XTSF101  
Black: XTSF102  
White: XTSF103

Use with:

**Connector end feed** and...

**Connector middle feed**



**Connector cover plate**

Silver: XTSF301  
Black: XTSF302  
White: XTSF303

Use with:

**X-connector**

and...

all **L-connectors**

and...

all **T-connectors**





COLLINGWOOD  
LIGHTING



## LARGE TRACK

Large 38W LED track light

### FEATURES

Wattage	38W	Input	Mains AC
IP Rating	IP20	Tilttable	90°
Rotatable	355°	LED Lifetime	70,000h L70, B50
SDCM	3SDCM		

### PHOTOMETRICS @ 25°C

Colour	Beam Angle	Finish	Product Code	CRI	lm	lm/W	lx at 1m
4000K	20°	Black	TLBLK2040	>90Ra	2800	74	12950
4000K	70°	Black	TLBLK7040	>90Ra	2800	74	2400
4000K	20°	Silver	TLSIL2040	>90Ra	2800	74	12950
4000K	70°	Silver	TLSIL7040	>90Ra	2800	74	2400
4000K	20°	White	TLWH2040	>90Ra	2800	74	12950
4000K	70°	White	TLWH7040	>90Ra	2800	74	2400
3000K	20°	Black	TLBLK2030	>90Ra	2100	55	10300
3000K	70°	Black	TLBLK7030	>90Ra	2100	55	1850
3000K	20°	Silver	TLSIL2030	>90Ra	2100	55	10300
3000K	70°	Silver	TLSIL7030	>90Ra	2100	55	1850
3000K	20°	White	TLWH2030	>90Ra	2100	55	10300
3000K	70°	White	TLWH7030	>90Ra	2100	55	1850

### INSTALLATION INFORMATION

Weight	1.22kg	Inrush Current	31A, 0.18ms
Construction Material	Steel / aluminium / polycarbonate	Face Temperature	<60°C
Ambient Temperature	40°C		

### WIRING INFORMATION

Cable / Flying Lead	3 circuit track
---------------------	-----------------

### LED DRIVERS

Product Code	Input Voltage	Input Current	Power Factor	Dimming	Bathroom Zone
N/A (integrated SELV driver)	220-240V	-	>0.90	No	-

### ACCESSORIES

Product Code	Description	
TRACK ACCESSORIES	Global™ lighting track and accessories	162-163
RHCL	Glare reducing honeycomb baffle	167

### GUARANTEE / WARRANTY

7 year extended warranty available

### FEATURES & BENEFITS

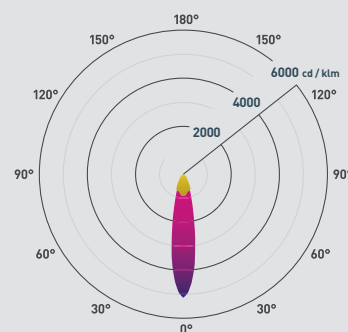
Fully adjustable luminaire. Direct light as required

LUXEON CrispWhite technology makes white materials fluoresce (3000K only) and the >90Ra CRI makes colours bolder

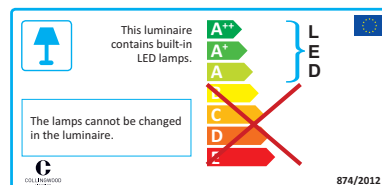
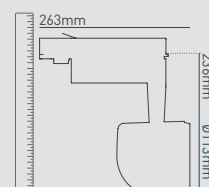
Compatible with Global™ 3 circuit track

Available in white, silver and black finishes

Choice of colour temperatures and beam angles



Beam angle: 20° 70°  
Additional diagrams available at [collingwoodlighting.com](http://collingwoodlighting.com)





## MEDIUM TRACK

Medium 31W LED track light

### FEATURES

Wattage	31W	Input	Mains AC
IP Rating	IP20	Tilttable	90°
Rotatable	355°	LED Lifetime	70,000h L70, B50
SDCM	3SDCM		

### PHOTOMETRICS @ 25°C

Colour	Beam Angle	Finish	Product Code	CRI	lm	lm/W	lx at 1m
4000K	20°	Black	TMBLK2040	>90Ra	2000	64	10140
4000K	70°	Black	TMBLK7040	>90Ra	2000	64	2100
4000K	20°	Silver	TMSIL2040	>90Ra	2000	64	10140
4000K	70°	Silver	TMSIL7040	>90Ra	2000	64	2100
4000K	20°	White	TMWH2040	>90Ra	2000	64	10140
4000K	70°	White	TMWH7040	>90Ra	2000	64	2100
3000K	20°	Black	TMBLK2030	>90Ra	1700	55	8900
3000K	70°	Black	TMBLK7030	>90Ra	1700	55	1750
3000K	20°	Silver	TMSIL2030	>90Ra	1700	55	8900
3000K	70°	Silver	TMSIL7030	>90Ra	1700	55	1750
3000K	20°	White	TMWH2030	>90Ra	1700	55	8900
3000K	70°	White	TMWH7030	>90Ra	1700	55	1750

### INSTALLATION INFORMATION

Weight	820g	Inrush Current	21.4A, 0.008ms
Construction Material	Steel / aluminium / polycarbonate	Face Temperature	<60°C
Ambient Temperature	40°C		

### WIRING INFORMATION

Cable / Flying Lead	3 circuit track
---------------------	-----------------

### LED DRIVERS

Product Code	Input Voltage	Input Current	Power Factor	Dimming	Bathroom Zone
N/A (integrated SELV driver)	220-240V	-	>0.90	No	-

### ACCESSORIES

Product Code	Description	
TRACK ACCESSORIES	Global™ lighting track and accessories	162-163
RHCM	Glare reducing honeycomb baffle	167

### GUARANTEE / WARRANTY

7 year extended warranty available

### FEATURES & BENEFITS

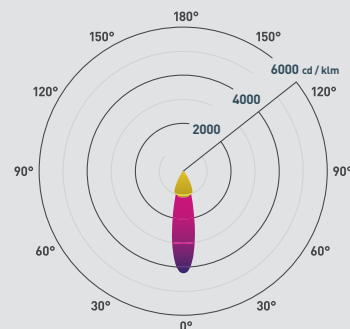
Fully adjustable luminaire. Direct light as required

LUXEON CrispWhite technology makes white materials fluoresce (3000K only) and the >90Ra CRI makes colours bolder

Compatible with Global™ 3 circuit track

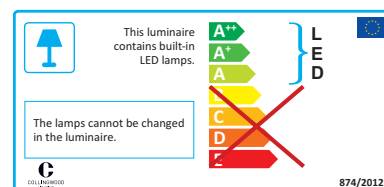
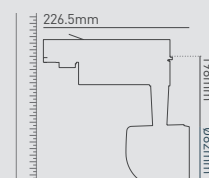
Available in white, silver and black finishes

Choice of colour temperatures and beam angles



Beam angle: 20° 70°

Additional diagrams available at [collingwoodlighting.com](http://collingwoodlighting.com)





COLLINGWOOD  
LIGHTING



## SMALL TRACK

Small 16W LED track light

### FEATURES

Wattage	16W	Input	Mains AC
IP Rating	IP20	Tilttable	90°
Rotatable	355°	LED Lifetime	70,000h L70, B50
SDCM	3SDCM		

### PHOTOMETRICS @ 25°C

Colour	Beam Angle	Finish	Product Code	CRI	lm	lm/W	lx at 1m
4000K	20°	Black	TSBLK2040	>90Ra	1000	62	4140
4000K	50°	Black	TSBLK5040	>90Ra	1000	62	1650
4000K	20°	Silver	TSSIL2040	>90Ra	1000	62	4140
4000K	50°	Silver	TSSIL5040	>90Ra	1000	62	1650
4000K	20°	White	TSWH2040	>90Ra	1000	62	4140
4000K	50°	White	TSWH5040	>90Ra	1000	62	1650
3000K	20°	Black	TSBLK2030	>90Ra	750	48	3200
3000K	50°	Black	TSBLK5030	>90Ra	750	48	1300
3000K	20°	Silver	TSSIL2030	>90Ra	750	48	3200
3000K	50°	Silver	TSSIL5030	>90Ra	750	48	1300
3000K	20°	White	TSWH2030	>90Ra	750	48	3200
3000K	50°	White	TSWH5030	>90Ra	750	48	1300

### INSTALLATION INFORMATION

Weight	420g	Inrush Current	5.5A, 0.015ms
Construction Material	Steel / aluminium / polycarbonate	Face Temperature	<60°C
Ambient Temperature	40°C		

### WIRING INFORMATION

Cable / Flying Lead	3 circuit track
---------------------	-----------------

### LED DRIVERS

Product Code	Input Voltage	Input Current	Power Factor	Dimming	Bathroom Zone
N/A (integrated SELV driver)	220-240V	-	>0.90	No	-

### ACCESSORIES

Product Code	Description	
TRACK ACCESSORIES	Global™ lighting track and accessories	162-163
RHCS	Glare reducing honeycomb baffle	167

### GUARANTEE / WARRANTY

7 year extended warranty available

### FEATURES & BENEFITS

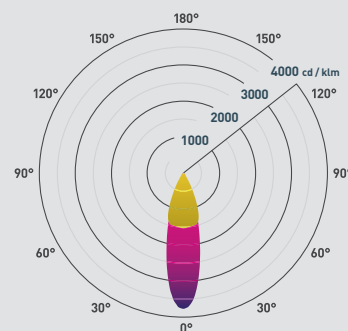
Fully adjustable luminaire. Direct light as required

LUXEON CrispWhite technology makes white materials fluoresce (3000K only) and the >90Ra CRI makes colours bolder

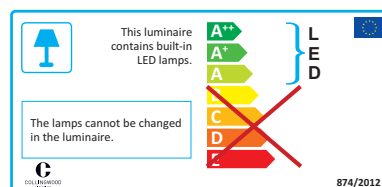
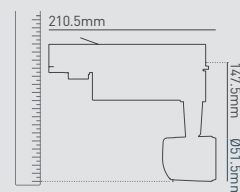
Compatible with Global™ 3 circuit track

Available in white, silver and black finishes

Choice of colour temperatures and beam angles



Beam angle: 20° 50°  
Additional diagrams available at [collingwoodlighting.com](http://collingwoodlighting.com)







## RHCL | RHCM | RHCS

Glare reducing honeycomb baffle

### GENERAL

Product Code	RHCL (Large) RHCM (Medium) RHCS (Small)	Construction material	Steel / aluminium
Weight	RHCL 27g RHCM 16g RHCS 8g		

### USE IN CONJUNCTION WITH

RHCL		RHCM		RHCS	
RDSL	168	RDSM	170	RDSS	172
SQSL	169	SQSM	171	SQSS	173
LARGE TRACK	164	MEDIUM TRACK	165	SMALL TRACK	166

### GUARANTEE / WARRANTY

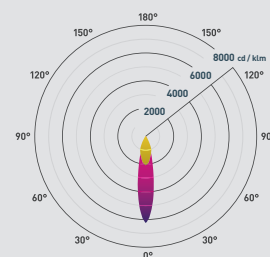
1 year guarantee

### FEATURES & BENEFITS

Add this honeycomb insert to the Collingwood retail products to provide a diffused light

To illuminate areas of heavy traffic e.g. pay points or customer service desks

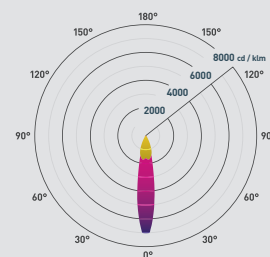
#### RDSL | SQSL | LARGE TRACK: TL



Beam angle: 20° 70°

Additional diagrams available at [collingwoodlighting.com](http://collingwoodlighting.com)

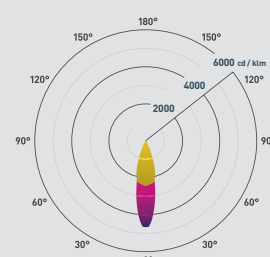
#### RDSM | SQSM | MEDIUM TRACK: TM



Beam angle: 20° 70°

Additional diagrams available at [collingwoodlighting.com](http://collingwoodlighting.com)

#### RDSS | SQSS | SMALL TRACK: TS



4000K 20° / 4000K 70°

Additional diagrams available at [collingwoodlighting.com](http://collingwoodlighting.com)



COLLINGWOOD  
LIGHTING



## GUARANTEE / WARRANTY

7 year extended warranty available

## RDSL

Large round and recessed 32W adjustable LED downlight

### FEATURES

Wattage	32W	IP Rating	IP20
Tilttable	90°	Rotatable	355°
LED Lifetime	70,000h L70, B50	SDCM	3SDCM

### PHOTOMETRICS @ 25°C

Colour	Beam Angle	Finish	Product Code	CRI	lm	lm/W	lx at 1m
4000K	20°	Black	RDSLBLK2040	>90Ra	2800	88 (73)*	12950
4000K	70°	Black	RDSLBLK7040	>90Ra	2800	88 (73)*	2400
4000K	20°	Silver	RDSL SIL2040	>90Ra	2800	88 (73)*	12950
4000K	70°	Silver	RDSL SIL7040	>90Ra	2800	88 (73)*	2400
4000K	20°	White	RDSLWH2040	>90Ra	2800	88 (73)*	12950
4000K	70°	White	RDSLWH7040	>90Ra	2800	88 (73)*	2400
3000K	20°	Black	RDSLBLK2030	>90Ra	2100	66 (55)*	10300
3000K	70°	Black	RDSLBLK7030	>90Ra	2100	66 (55)*	1850
3000K	20°	Silver	RDSL SIL2030	>90Ra	2100	66 (55)*	10300
3000K	70°	Silver	RDSL SIL7030	>90Ra	2100	66 (55)*	1850
3000K	20°	White	RDSLWH2030	>90Ra	2100	66 (55)*	10300
3000K	70°	White	RDSLWH7030	>90Ra	2100	66 (55)*	1850

\* lm/tcW (lumens per total circuit wattage)

### INSTALLATION INFORMATION

Weight	1760g	Cut-Out Size	Ø 175mm
Construction Material	Aluminium / steel	Face Temperature	<60°C
Ambient Temperature	40°C		

### WIRING INFORMATION

Cable / Flying Lead	0.30m (0.205mm² red & black PTFE)
Type of Wiring Required	Series (Class III)

### LED DRIVERS

Product Code	mA	SELV	Power Factor	Dimming	Bathroom Zone	Min	Max
PSDIM900	900	Yes	>0.95	Yes (1-10V)	-	1	1
PSDAL900M	900	Yes	>0.95	Yes (DALI)	-	1	1

### ACCESSORIES

Product Code	Description	
RHCL	Glare reducing honeycomb baffle	167
PDC/GRID DIMMER	Grid dimmer kit for multiple fitting types	374

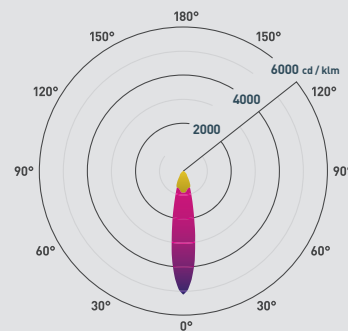
## FEATURES & BENEFITS

Fully adjustable luminaire. Direct light as required

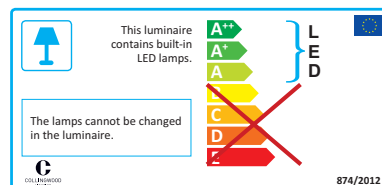
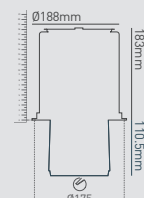
LUXEON CrispWhite technology makes white materials fluoresce (3000K only) and the >90Ra CRI makes colours bolder

Choice of colour temperatures and beam angles

Ideal for retail and hospitality environments



Beam angle: 20° 70°  
Additional diagrams available at [collingwoodlighting.com](http://collingwoodlighting.com)





## SQSL

Large square and recessed 32W adjustable LED downlight

### FEATURES

Wattage	32W	IP Rating	IP20
Tilttable	90°	Rotatable	355°
LED Lifetime	70,000h L70, B50	SDCM	3SDCM

### PHOTOMETRICS @ 25°C

Colour	Beam Angle	Finish	Product Code	CRI	lm	lm/W	lx at 1m
4000K	20°	Black	SQSLBLK2040	>90Ra	2800	88 [73]*	12950
4000K	70°	Black	SQSLBLK7040	>90Ra	2800	88 [73]*	2400
4000K	20°	Silver	SQSLSIL2040	>90Ra	2800	88 [73]*	12950
4000K	70°	Silver	SQSLSIL7040	>90Ra	2800	88 [73]*	2400
4000K	20°	White	SQSLWH2040	>90Ra	2800	88 [73]*	12950
4000K	70°	White	SQSLWH7040	>90Ra	2800	88 [73]*	2400
3000K	20°	Black	SQSLBLK2030	>90Ra	2100	66 [55]*	10300
3000K	70°	Black	SQSLBLK7030	>90Ra	2100	66 [55]*	1850
3000K	20°	Silver	SQSLSIL2030	>90Ra	2100	66 [55]*	10300
3000K	70°	Silver	SQSLSIL7030	>90Ra	2100	66 [55]*	1850
3000K	20°	White	SQSLWH2030	>90Ra	2100	66 [55]*	10300
3000K	70°	White	SQSLWH7030	>90Ra	2100	66 [55]*	1850

\* lm/tcW (lumens per total circuit wattage)

### INSTALLATION INFORMATION

Weight	1920g	Cut-Out Size	160x160mm
Construction Material	Aluminium / steel	Face Temperature	<60°C
Ambient Temperature	40°C		

### WIRING INFORMATION

Cable / Flying Lead	0.30m (0.205mm <sup>2</sup> red & black PTFE)
Type of Wiring Required	Series (Class III)

### LED DRIVERS

Product Code	mA	SELV	Power Factor	Dimming	Bathroom Zone	Min	Max
PSDIM900	900	Yes	>0.95	Yes (1-10V)	-	1	1
PSDAL900M	900	Yes	>0.95	Yes (DALI)	-	1	1

### ACCESSORIES

Product Code	Description	
RHCL	Glare reducing honeycomb baffle	167
PDC/GRID DIMMER	Grid dimmer kit for multiple fitting types	374

### GUARANTEE / WARRANTY

7 year extended warranty available

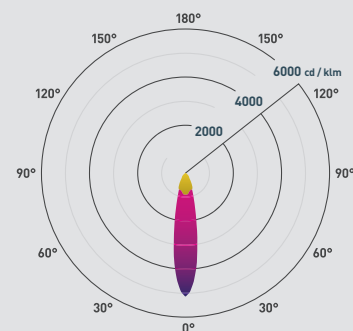
### FEATURES & BENEFITS

Fully adjustable luminaire. Direct light as required

LUXEON CrispWhite technology makes white materials fluoresce (3000K only) and the >90Ra CRI makes colours bolder

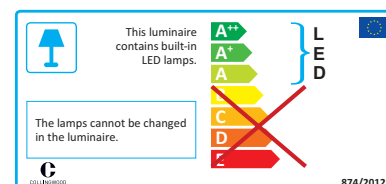
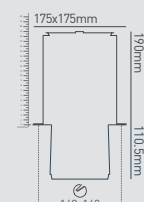
Choice of colour temperatures and beam angles

Ideal for retail and hospitality environments



Beam angle: 20° 70°

Additional diagrams available at [collingwoodlighting.com](http://collingwoodlighting.com)







COLLINGWOOD  
LIGHTING



## GUARANTEE / WARRANTY

7 year extended warranty available

## RDSM

Medium round and recessed 26W adjustable LED downlight

### FEATURES

Wattage	26W	IP Rating	IP20
Tilttable	90°	Rotatable	355°
LED Lifetime	70,000h L70, B50	SDCM	3SDCM

### PHOTOMETRICS @ 25°C

Colour	Beam Angle	Finish	Product Code	CRI	lm	lm/W	lx at 1m
4000K	20°	Black	RDSMBLK2040	>90Ra	2000	77 [64]*	10140
4000K	70°	Black	RDSMBLK7040	>90Ra	2000	77 [64]*	2100
4000K	20°	Silver	RDSMSIL2040	>90Ra	2000	77 [64]*	10140
4000K	70°	Silver	RDSMSIL7040	>90Ra	2000	77 [64]*	2100
4000K	20°	White	RDSMWH2040	>90Ra	2000	77 [64]*	10140
4000K	70°	White	RDSMWH7040	>90Ra	2000	77 [64]*	2100
3000K	20°	Black	RDSMBLK2030	>90Ra	1700	65 [54]*	8900
3000K	70°	Black	RDSMBLK7030	>90Ra	1700	65 [54]*	1750
3000K	20°	Silver	RDSMSIL2030	>90Ra	1700	65 [54]*	8900
3000K	70°	Silver	RDSMSIL7030	>90Ra	1700	65 [54]*	1750
3000K	20°	White	RDSMWH2030	>90Ra	1700	65 [54]*	8900
3000K	70°	White	RDSMWH7030	>90Ra	1700	65 [54]*	1750

\* lm/tcW (lumens per total circuit wattage)

### INSTALLATION INFORMATION

Weight	1080g	Cut-Out Size	Ø 130mm
Construction Material	Aluminium / steel	Face Temperature	<60°C
Ambient Temperature	40°C		

### WIRING INFORMATION

Cable / Flying Lead	0.30m (0.205mm² red & black PTFE)
Type of Wiring Required	Series (Class III)

### LED DRIVERS

Product Code	mA	SELV	Power Factor	Dimming	Bathroom Zone	Min	Max
PLD UNI-DRIVE 700MA	700	Yes	>0.95	Yes [1-10V]	-	1	1
PSDIM700	700	Yes	>0.95	Yes [1-10V]	-	1	2
PSDAL700M	700	Yes	>0.95	Yes [DALI]	-	1	2

### ACCESSORIES

Product Code	Description	
RHCM	Glare reducing honeycomb baffle	167
PDC/GRID DIMMER	Grid dimmer kit for multiple fitting types	374

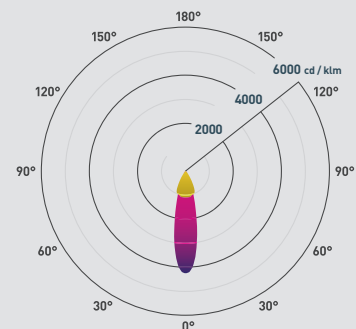
## FEATURES & BENEFITS

Fully adjustable luminaire. Direct light as required

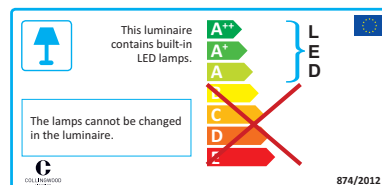
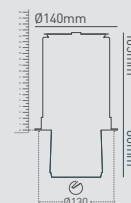
LUXEON CrispWhite technology makes white materials fluoresce (3000K only) and the >90Ra CRI makes colours bolder

Choice of colour temperatures and beam angles

Ideal for retail and hospitality environments



Beam angle: 20° 70°  
Additional diagrams available at [collingwoodlighting.com](http://collingwoodlighting.com)





## SQSM

Medium square and recessed 26W adjustable LED downlight

### GUARANTEE / WARRANTY

7 year extended warranty available

### FEATURES & BENEFITS

Fully adjustable luminaire. Direct light as required

LUXEON CrispWhite technology makes white materials fluoresce (3000K only) and the >90Ra CRI makes colours bolder

Choice of colour temperatures and beam angles

Ideal for retail and hospitality environments

#### FEATURES

Wattage	26W	IP Rating	IP20
Tilttable	90°	Rotatable	355°
LED Lifetime	70,000h L70, B50	SDCM	3SDCM

#### PHOTOMETRICS @ 25°C

Colour	Beam Angle	Finish	Product Code	CRI	lm	lm/W	lx at 1m
4000K	20°	Black	SQSMCLK2040	>90Ra	2000	77 (64)*	10140
4000K	70°	Black	SQSMCLK7040	>90Ra	2000	77 (64)*	2100
4000K	20°	Silver	SQSMSIL2040	>90Ra	2000	77 (64)*	10140
4000K	70°	Silver	SQSMSIL7040	>90Ra	2000	77 (64)*	2100
4000K	20°	White	SQSMWH2040	>90Ra	2000	77 (64)*	10140
4000K	70°	White	SQSMWH7040	>90Ra	2000	77 (64)*	2100
3000K	20°	Black	SQSMCLK2030	>90Ra	1700	65 (54)*	8900
3000K	70°	Black	SQSMCLK7030	>90Ra	1700	65 (54)*	1750
3000K	20°	Silver	SQSMSIL2030	>90Ra	1700	65 (54)*	8900
3000K	70°	Silver	SQSMSIL7030	>90Ra	1700	65 (54)*	1750
3000K	20°	White	SQSMWH2030	>90Ra	1700	65 (54)*	8900
3000K	70°	White	SQSMWH7030	>90Ra	1700	65 (54)*	1750

\* lm/tcW (lumens per total circuit wattage)

#### INSTALLATION INFORMATION

Weight	1260g	Cut-Out Size	125x125mm
Construction Material	Aluminium / steel	Face Temperature	<60°C
Ambient Temperature	40°C		

#### WIRING INFORMATION

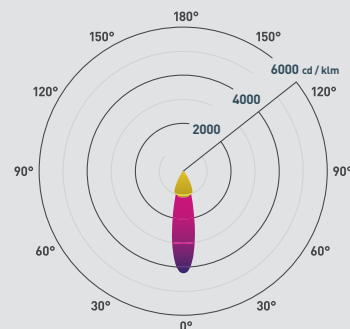
Cable / Flying Lead	0.30m (0.205mm² red & black PTFE)
Type of Wiring Required	Series (Class III)

#### LED DRIVERS

Product Code	mA	SELV	Power Factor	Dimming	Bathroom Zone	Min	Max
PLD UNI-DRIVE 700MA	700	Yes	>0.95	Yes (1-10V)	-	1	1
PSDIM700	700	Yes	>0.95	Yes (1-10V)	-	1	2
PSDAL700M	700	Yes	>0.95	Yes (DALI)	-	1	2

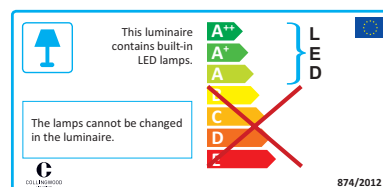
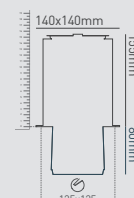
#### ACCESSORIES

Product Code	Description	
RHCM	Glare reducing honeycomb baffle	167
PDC/GRID DIMMER	Grid dimmer kit for multiple fitting types	374



Beam angle: 20° 70°

Additional diagrams available at [collingwoodlighting.com](http://collingwoodlighting.com)





COLLINGWOOD  
LIGHTING



## GUARANTEE / WARRANTY

7 year extended warranty available

## RDSS

Small round and recessed 13W adjustable LED downlight

### FEATURES

Wattage	13W	IP Rating	IP20
Tilttable	90°	Rotatable	355°
LED Lifetime	70,000h L70, B50	SDCM	3SDCM

### PHOTOMETRICS @ 25°C

Colour	Beam Angle	Finish	Product Code	CRI	lm	lm/W	lx at 1m
4000K	20°	Black	RDSSBLK2040	>90Ra	1000	77 (64)*	4140
4000K	50°	Black	RDSSBLK5040	>90Ra	1000	77 (64)*	1650
4000K	20°	Silver	RDSSSIL2040	>90Ra	1000	77 (64)*	4140
4000K	50°	Silver	RDSSSIL5040	>90Ra	1000	77 (64)*	1650
4000K	20°	White	RDSSWH2040	>90Ra	1000	77 (64)*	4140
4000K	50°	White	RDSSWH5040	>90Ra	1000	77 (64)*	1650
3000K	20°	Black	RDSSBLK2030	>90Ra	750	58 (48)*	3200
3000K	50°	Black	RDSSBLK5030	>90Ra	750	58 (48)*	1300
3000K	20°	Silver	RDSSSIL2030	>90Ra	750	58 (48)*	3200
3000K	50°	Silver	RDSSSIL5030	>90Ra	750	58 (48)*	1300
3000K	20°	White	RDSSWH2030	>90Ra	750	58 (48)*	3200
3000K	50°	White	RDSSWH5030	>90Ra	750	58 (48)*	1300

\* lm/tcW (lumens per total circuit wattage)

### INSTALLATION INFORMATION

Weight	460g	Cut-Out Size	Ø 100mm
Construction Material	Aluminium / steel	Face Temperature	<60°C
Ambient Temperature	40°C		

### WIRING INFORMATION

Cable / Flying Lead	0.30m (0.205mm² red & black PTFE)
Type of Wiring Required	Series (Class III)

### LED DRIVERS

Product Code	mA	SELV	Power Factor	Dimming	Bathroom Zone	Min	Max
PLD UNI-DRIVE 350MA	350	Yes	>0.95	Yes (1-10V)	-	1	1
PSDIM350	350	Yes	>0.95	Yes (1-10V)	-	1	2
PSDAL350M	350	Yes	>0.95	Yes (DALI)	-	1	2

### ACCESSORIES

Product Code	Description	
RHCS	Glare reducing honeycomb baffle	167
PDC/GRID DIMMER	Grid dimmer kit for multiple fitting types	374

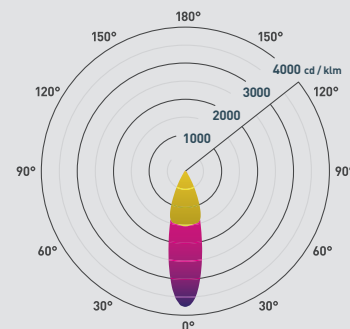
## FEATURES & BENEFITS

Fully adjustable luminaire. Direct light as required

LUXEON CrispWhite technology makes white materials fluoresce (3000K only) and the >90Ra CRI makes colours bolder

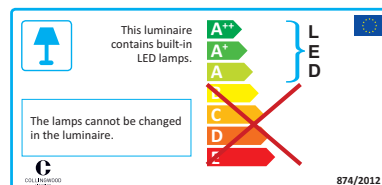
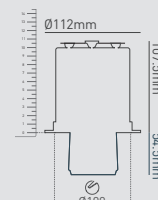
Choice of colour temperatures and beam angles

Ideal for retail and hospitality environments



Beam angle: 20° 50°

Additional diagrams available at [collingwoodlighting.com](http://collingwoodlighting.com)







## SQSS

Small square and recessed 13W adjustable LED downlight

### FEATURES

Wattage	13W	IP Rating	IP20
Tilttable	90°	Rotatable	355°
LED Lifetime	70,000h L70, B50	SDCM	3SDCM

### PHOTOMETRICS @ 25°C

Colour	Beam Angle	Finish	Product Code	CRI	lm	lm/W	lx at 1m
4000K	20°	Black	SQSSBLK2040	>90Ra	1000	77 (64)*	4140
4000K	50°	Black	SQSSBLK5040	>90Ra	1000	77 (64)*	1650
4000K	20°	Silver	SQSSSIL2040	>90Ra	1000	77 (64)*	4140
4000K	50°	Silver	SQSSSIL5040	>90Ra	1000	77 (64)*	1650
4000K	20°	White	SQSSWH2040	>90Ra	1000	77 (64)*	4140
4000K	50°	White	SQSSWH5040	>90Ra	1000	77 (64)*	1650
3000K	20°	Black	SQSSBLK2030	>90Ra	750	58 (48)*	3200
3000K	50°	Black	SQSSBLK5030	>90Ra	750	58 (48)*	1300
3000K	20°	Silver	SQSSSIL2030	>90Ra	750	58 (48)*	3200
3000K	50°	Silver	SQSSSIL5030	>90Ra	750	58 (48)*	1300
3000K	20°	White	SQSSWH2030	>90Ra	750	58 (48)*	3200
3000K	50°	White	SQSSWH5030	>90Ra	750	58 (48)*	1300

\* lm/tcW (lumens per total circuit wattage)

### INSTALLATION INFORMATION

Weight	540g	Cut-Out Size	90x90mm
Construction Material	Aluminium / steel	Face Temperature	<60°C
Ambient Temperature	40°C		

### WIRING INFORMATION

Cable / Flying Lead	0.30m (0.205mm <sup>2</sup> red & black PTFE)
Type of Wiring Required	Series (Class III)

### LED DRIVERS

Product Code	mA	SELV	Power Factor	Dimming	Bathroom Zone	Min	Max
PLD UNI-DRIVE 350MA	350	Yes	>0.95	Yes (1-10V)	-	1	1
PSDIM350	350	Yes	>0.95	Yes (1-10V)	-	1	2
PSDAL350M	350	Yes	>0.95	Yes (DALI)	-	1	2

### ACCESSORIES

Product Code	Description	
RHCS	Glare reducing honeycomb baffle	167
PDC/GRID DIMMER	Grid dimmer kit for multiple fitting types	374

### GUARANTEE / WARRANTY

7 year extended warranty available

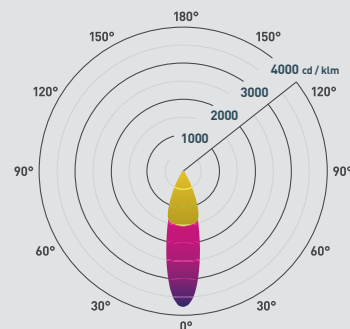
### FEATURES & BENEFITS

Fully adjustable luminaire. Direct light as required

LUXEON CrispWhite technology makes white materials fluoresce (3000K only) and the >90Ra CRI makes colours bolder

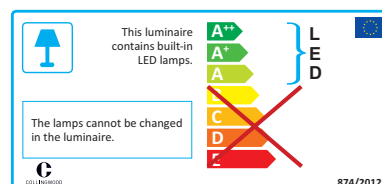
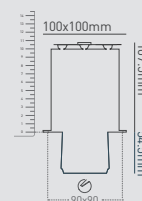
Choice of colour temperatures and beam angles

Ideal for retail and hospitality environments



Beam angle: 20° 50°

Additional diagrams available at [collingwoodlighting.com](http://collingwoodlighting.com)



# Landscape.

Lighting has the potential to dramatically enhance the overall design of any landscape, and should be considered at the start of every design. Providing an abundance of benefits for both residential and commercial spaces, landscape lighting can add safety, security, ambiance, mood and drama to the overall environment. Limited only by the designer's imagination, the practical functions and various mood effects that can be established are endless. Our range of ground lights are built to last and can be used in many environments, even coastal areas with our marine grade stainless steel 316 products, providing you with the reassurance that the products will look as good as the day they were fitted.

In addition to ground lights the use of wall and spike lights in any design will amplify the overall look and feel. Available in contemporary finishes such as anodised bronze and copper, they are sure to add depth and edge to any design. Charismatic and timeless, finishing your overall design with our hand crafted, bespoke bollard range will ensure a safe, dynamic and elegantly lit space to compliment the surroundings.







# LANDSCAPE LIGHTING

## ADDING DEPTH TO LANDSCAPES

Transforming any landscape with lighting design is as important as interior lighting. It can invigorate the environment and bring the space to life.

### Incorporating lighting into landscape design

To amplify the quality of a landscape, lighting should be incorporated into the design. When it comes to landscape lighting, three areas should be considered; functional areas, feature areas and entertainment areas. If consideration is taken for these, landscapes will have added depth and can really be brought to life.

#### Functional areas

The correct lighting should be considered when illumination is required for a certain task, such as visibility or circulation. Pathways and storage areas usually require functional lighting but can be used as a layer of light that contributes to the overall landscape.

#### Feature areas

Sculptures, ponds and interesting plant life can form distinct features in a landscape design, but may be lost at night. Consider the most appropriate way to light them to ensure they become the focal point in a landscape.

#### Entertainment areas

Lighting in this area should be used to create ambience as it often becomes the most used area in a landscape. As such, it is a good idea to consider lighting at the start of the design. This can be further enhanced through the use of controls.



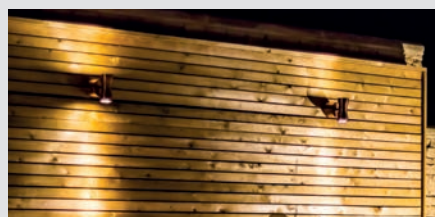
### Maximising materials

#### Importance of colour temperature

Accentuating the materials in a landscape can be achieved by selecting a colour temperature that enhances the colour of the material being highlighted.

#### Wood / Sand

Warmer tones found in materials such as these would be complimented by a colour temperature of 2700K - 3000K.



#### Stone

For featuring the natural components of stone, a colour temperature of 2700K - 4000K will be most suitable.



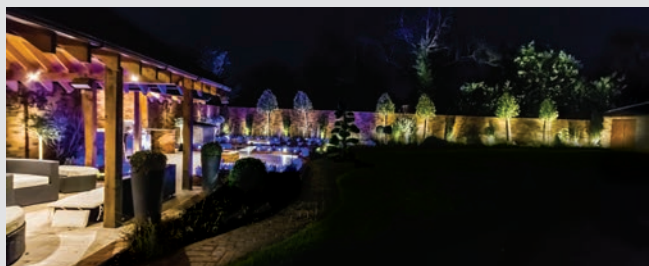
#### Whites

For white materials, such as painted brick or furniture, choose 4000K to emphasise the tones.



## Layering light

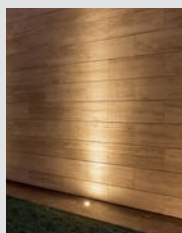
Layering light in a space is key to effective lighting design and is important because it provides functionality and visual interest to every scheme. This can be done by picking key areas and ensuring dark is used as effectively as light.



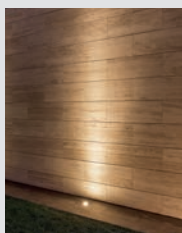
## Atmosphere

Correct colour temperature is paramount for the choice of material you wish to highlight and the atmosphere you wish to create. Landscape designs are easily transformed by the correct colour temperature.

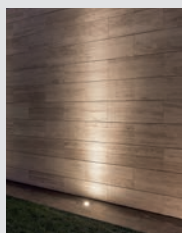
**Warmest**  
2700K



**Warm**  
3000K



**Natural white**  
4000K



## Flood Vs spot

Choose the ideal beam angle to achieve the effect that you need.

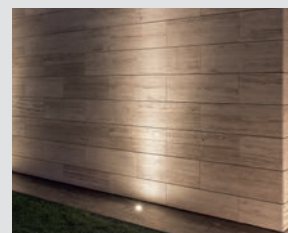
### Flood

Wash light over an area with a wider beam angle.



### Spot

Concentrated beam of light with a narrower beam angle.



## Textured surfaces Vs flat surfaces

When choosing a light fitting, it's imperative to consider the surface that the light will be used on. At this stage, it's a great opportunity to bring the materials to life and compliment the landscape design.

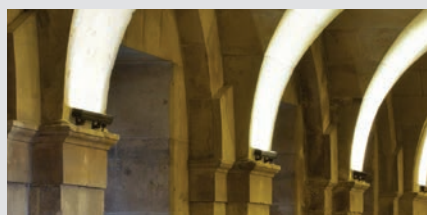
### Textured surfaces

Use a spot, close to the surface, to graze light over the surface, highlighting the texture and adding depth to the surface.



### Flat surfaces

Use a flood to wash light over the surface, highlighting the clean nature of the surface/design.



## Underwater lighting

IP68 rated lights are completely air tight and can be used underwater. Patented technology, unique to Collingwood, prevents water ingress from the back of the light, where the cable enters the product.

When designing a pond area, ensure that you are using IP68 rated products.



# LANDSCAPE LIGHTING

## THE IDEAL PRODUCT FOR YOUR INSTALLATION

Use the diagram below to work out which type of products are ideal for your landscape.

### Pathways

When lighting pathways and walkways, make considerations for marker lights and bollards. Think about whether its most suitable to illuminate the path itself or just highlight the boundaries.

<b>Marker lights</b>	Pages 180 - 221
<b>Bollards</b>	Pages 282 - 291

### Plant life

Add depth to your installation by highlighting areas of plant life. Alternatively, you can also identify a feature of a particular plant by adding a layer of light to the overall installation.

<b>Ground lights</b>	Pages 180 - 221
<b>Spike lights</b>	Pages 274 - 281

### Walls and fences

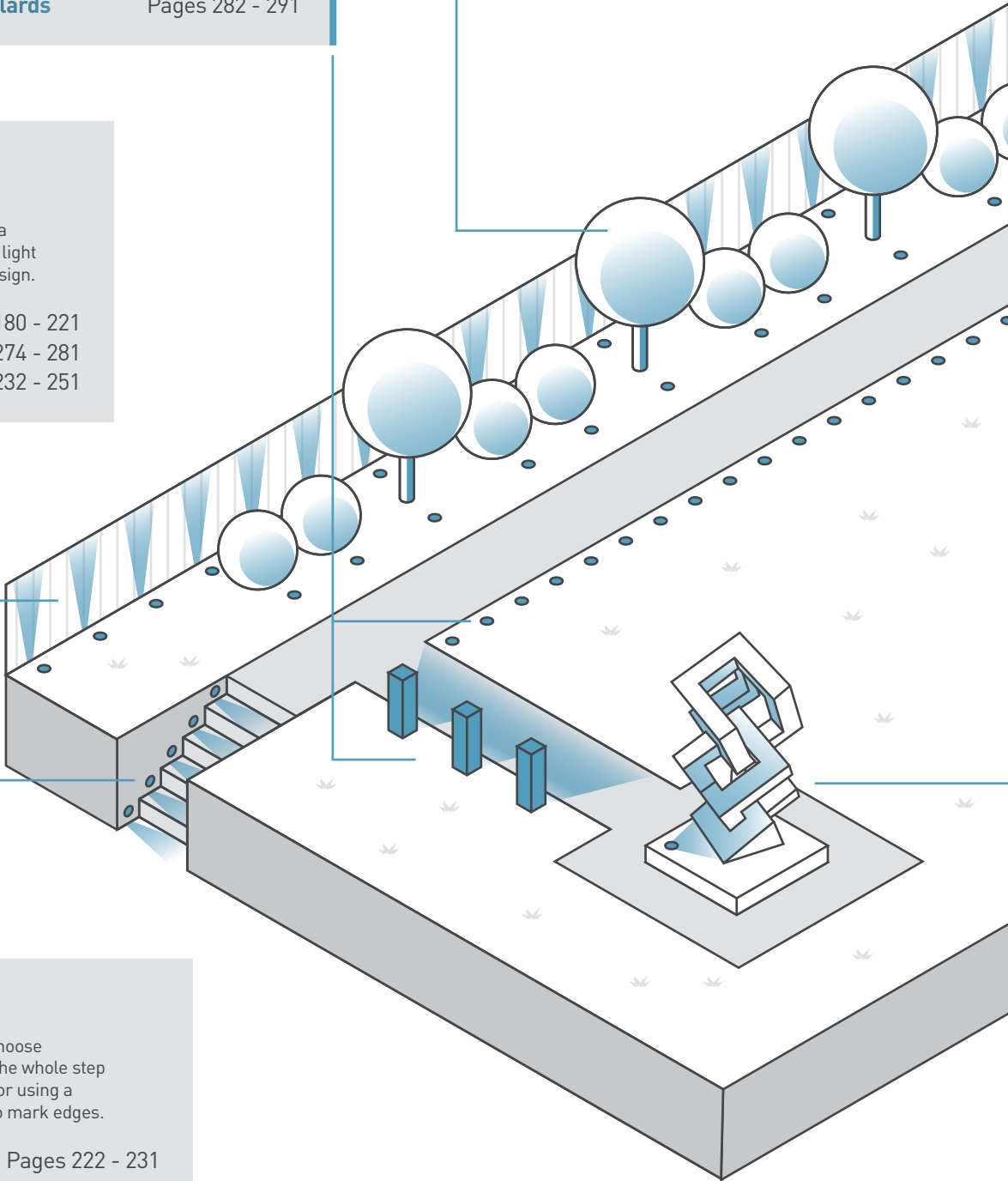
Add depth to your installation by highlighting walls and fences as a backdrop. The additional layer of light can pull together a landscape design.

<b>Ground lights</b>	Pages 180 - 221
<b>Spike lights</b>	Pages 274 - 281
<b>Wall lights</b>	Pages 232 - 251

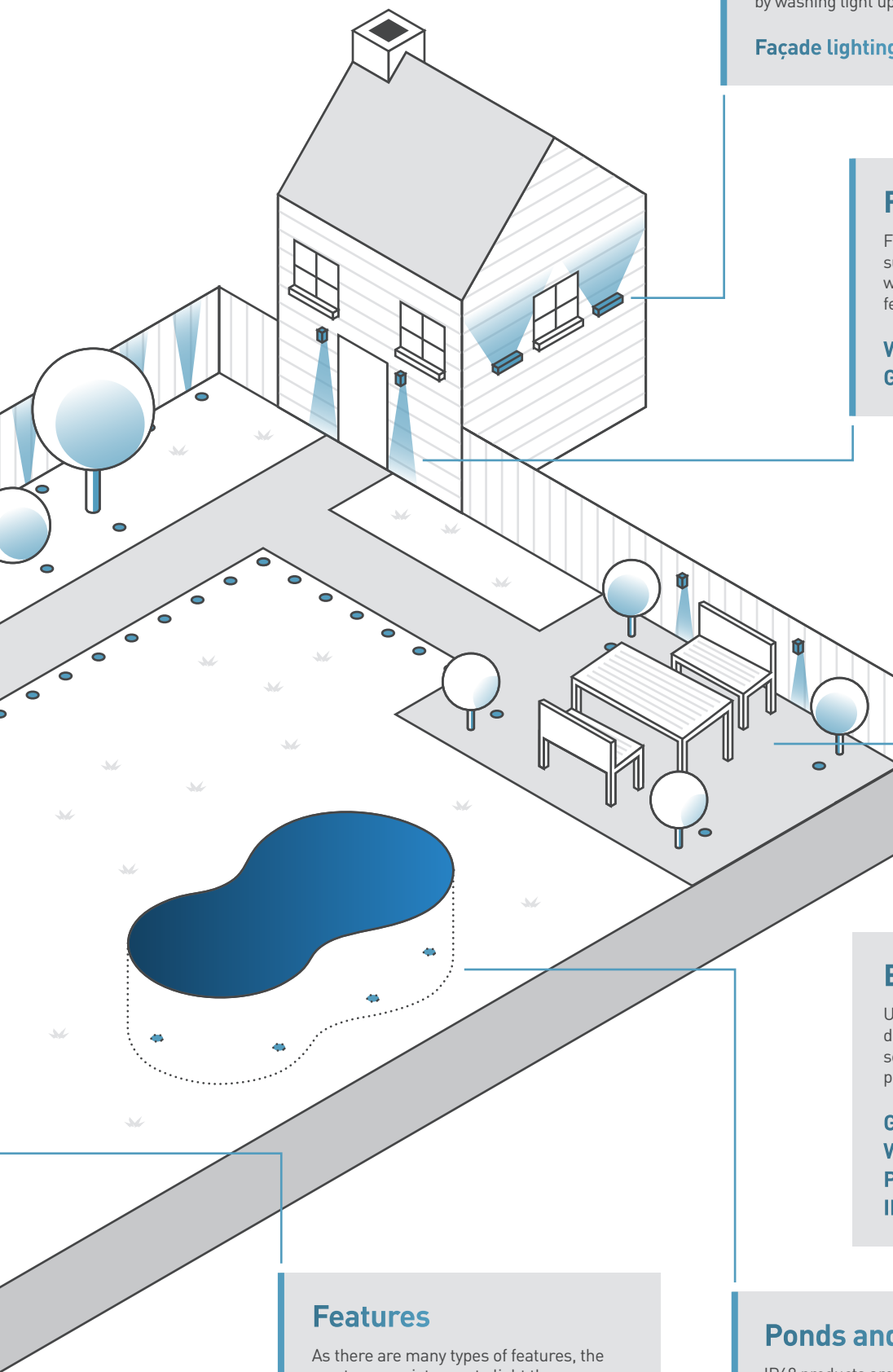
### Steps

When lighting steps, choose between illuminating the whole step with a functional light or using a decorating step light to mark edges.

<b>Step lights</b>	Pages 222 - 231
--------------------	-----------------







## Façades

Highlight features and detail on buildings by washing light up the wall of the building.

**Façade lighting** Pages 258 - 273

## Framing

Framing elements of your landscape such as doorways, benches or walkways will quickly transform them into a feature of any design.

**Wall lights** Pages 232 - 251  
**Ground lights** Pages 180 - 221

## Features

As there are many types of features, the most appropriate way to light them can vary. Consider whether things such as water and installation locations can alter the overall effect.

**Ground lights** Pages 180 - 221  
**Pond lights** Pages 252 - 257  
**Spike lights** Pages 274 - 281

## Entertainment areas

Using a combination of functional and decorative lighting will ensure that any social space is correctly lit to create the perfect atmosphere.

**Ground lights** Pages 180 - 221  
**Wall lights** Pages 232 - 251  
**Pond lights** Pages 252 - 257  
**IP68 LED strip** Pages 312 - 315

## Ponds and pools

IP68 products are imperative when lighting areas containing water. Whether lighting the feature from above or below the water, IP68 products are an ideal solution.

**Pond lights** Pages 252 - 257  
**Ground lights** Pages 180 - 221  
**IP68 LED strip** Pages 312 - 315

# GROUND LIGHTS

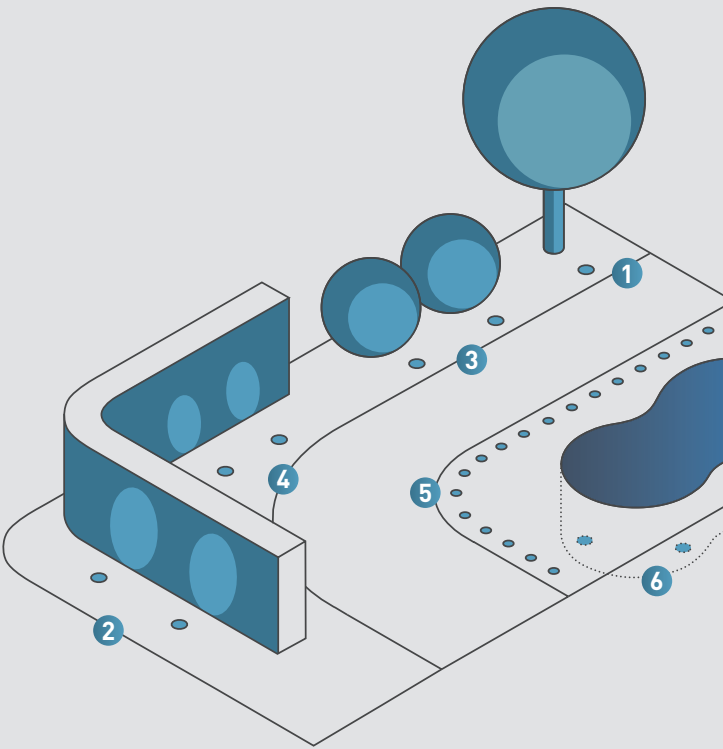
## HIGHLIGHTING FEATURES INSIDE & OUT

Using ground lights in any light design can transform your space from dark and uninspiring to a perfectly illuminated space to suit any requirement.

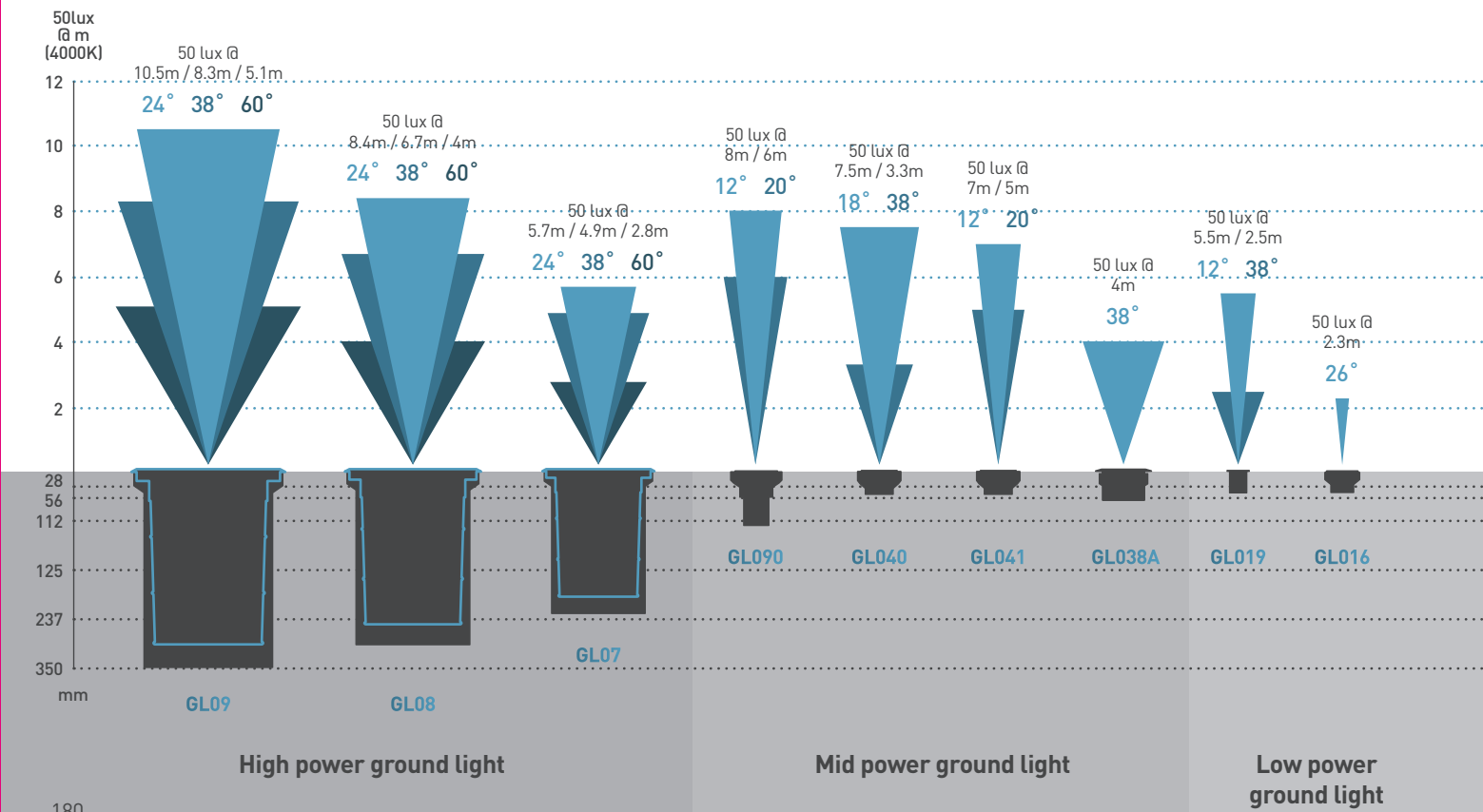
### What type of ground light?

We offer the ideal ground light for every installation.

- 1 High power ground light**  
Powerful in output and large in scale, these fittings are ideal for illuminating big trees and the facades of taller buildings.
- 2 Mid power ground light**  
Choose these to light smaller façades, trees shrubs and garden walls. These fittings can also be used inside large scale buildings to highlight architectural features.
- 3 Low power ground light**  
Ideal for uplighting domestic façades and for use on wide steps and terraces with low level planting, these fittings can also be used inside to highlight architectural features. They can also be recessed into ceilings to provide small downlight options in display cases, alcoves or in showers.
- 4 Low glare ground light**  
These fittings are ideal for use indoors or near terraces, seating areas and along pathways where people pass nearby.
- 5 Marker light**  
Providing a subtle, diffused glow of light, these fittings are ideal for steps, pathways, driveways and car parks.
- 6 Underwater lighting**  
IP rated to IP68 and tested to 9m submersion.



### Choose the ideal size and output



## Underwater lighting

IP68 rated ground lights are completely air tight and can be used under water.

Our low voltage groundlights utilise patented technology, unique to Collingwood, which prevents water ingress from the back of the light, where the cable enters the product.



## Visibility of the fitting

Low glare options are available for installations where the fitting may be situated in a high-traffic area, helping to create a comfortable environment.

We offer baffled technology and honeycomb low glare options.

Baffled  
(ULG)

Honeycomb  
(LG)



## What kind of traffic?

All of our ground lights are built with a high IK rating to ensure they can withstand significant pressure and impact.

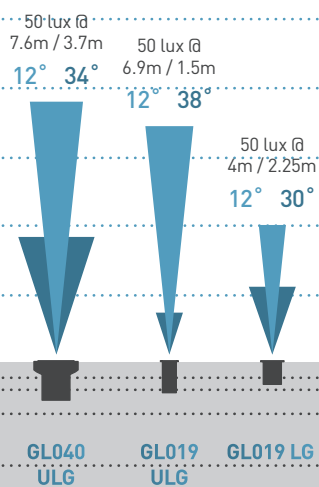
### Walk over

All of our ground lights have been designed for areas with a high foot traffic and can be walked over.

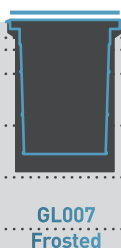


### Drive over

A selection of our lights are designed to be driven over. For example, our GL09, GL08 and GL07 are suitable for installation in areas likely to have a vehicle drive over them.



Low glare



GL007  
Frosted

Marker lights

GL050  
GL051

GL019  
Frosted

GL016  
Frosted

GL018

GL063  
GL064

GL100

GL200

Multi window





COLLINGWOOD  
LIGHTING



## GL09

Triple LED drive over ground light

### FEATURES

Wattage	25.5W	IP Rating	IP67
Input	Mains AC	LED Lifetime	70,000h L70, B10
IK Rating	IK10	SDCM	3SDCM
Tilttable	20°		
Walk Over / Drive Over	Drive over, 12mm tempered glass (15mph max), static load 2000kg / 20KN		

### PHOTOMETRICS @ 25°C

Colour	Beam Angle	Product Code	CRI	lm	lm/W	lx at 1m
4000K	60°	GL09D60X40	>80Ra	1515	59	1266
4000K	38°	GL09D38X40	>80Ra	1515	59	3453
4000K	24°	GL09D24X40	>80Ra	1515	59	5471
3000K	60°	GL09D60X30	>80Ra	1500	59	1253
3000K	38°	GL09D38X30	>80Ra	1500	59	3419
3000K	24°	GL09D24X30	>80Ra	1500	59	5417
2700K	60°	GL09D60X27*	>80Ra	1460	57	1220
2700K	38°	GL09D38X27*	>80Ra	1460	57	3327
2700K	24°	GL09D24X27*	>80Ra	1460	57	5272

\*Available on request, please call our team for lead times and MOQ on 01604 495 151

### INSTALLATION INFORMATION

Weight	7.5kg	Inrush Current	2.8A 0.2ms
Construction Material	Stainless Steel 304 (cover ring) / Aluminium (body)	Bathroom Zone	2
Face Temperature	<35°C	Ambient Temperature	40°C

### WIRING INFORMATION

Cable / Flying Lead	1m H05RN-F rubberised cable (outside diameter: 7mm)
Type of Wiring Required	Parallel (mains) 220-240V AC 50/60Hz

### LED DRIVERS

Product Code	mA	Dimming	Bathroom Zone	Min	Max
N/A (driver built in)	-	No	2	-	-

### ACCESSORIES

Product Code	Description	
Installation tube (included)		
JB5	Gel filled waterproof connector	375
WC 5-9	Quick waterproof connector	374

### GUARANTEE / WARRANTY

3 year extended warranty available

### FEATURES & BENEFITS

Adjustable LED fittings

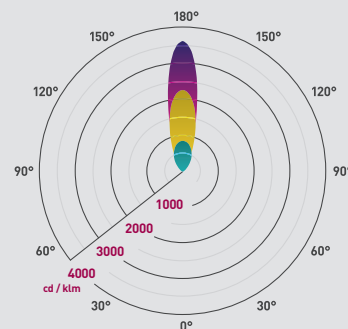
Equivalent to 50W Halogen & 100W AR111

Straight to mains

Robust cable for outdoor use

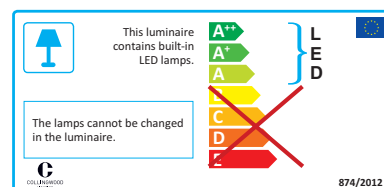
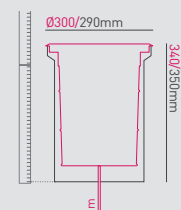
Installation tube included

10mm toughened glass, ideal for use in driveways



Beam angle: 24° 38° 60°

Additional diagrams available at [collingwoodlighting.com](http://collingwoodlighting.com)





## GL08

Twin LED drive over ground light

### GUARANTEE / WARRANTY

3 year extended warranty available

### FEATURES & BENEFITS

Adjustable LED fittings  
Equivalent to 50W Halogen & 100W AR111  
Straight to mains  
Robust cable for outdoor use  
Installation tube included  
10mm toughened glass, ideal for use in driveways

#### FEATURES

Wattage	17W	IP Rating	IP67
Input	Mains AC	LED Lifetime	70,000h L70, B10
IK Rating	IK10	SDCM	3SDCM
Tilttable	20°		
Walk Over / Drive Over	Drive over, 10mm tempered glass (15mph max), static load 2000kg / 20KN		

#### PHOTOMETRICS @ 25°C

Colour	Beam Angle	Product Code	CRI	lm	lm/W	lx at 1m
4000K	60°	GL08D60X40	>80Ra	1010	59	801
4000K	38°	GL08D38X40	>80Ra	1010	59	2286
4000K	24°	GL08D24X40	>80Ra	1010	59	3533
3000K	60°	GL08D60X30	>80Ra	1000	59	793
3000K	38°	GL08D38X30	>80Ra	1000	59	2264
3000K	24°	GL08D24X30	>80Ra	1000	59	3498
2700K	60°	GL08D60X27*	>80Ra	975	57	776
2700K	38°	GL08D38X27*	>80Ra	975	57	2207
2700K	24°	GL08D24X27*	>80Ra	975	57	3410

\*Available on request, please call our team for lead times and MOQ on 01604 495 151

#### INSTALLATION INFORMATION

Weight	4.1kg	Inrush Current	1.8A 0.2ms
Construction Material	Stainless Steel 304 (cover ring) / Aluminium (body)	Bathroom Zone	2
Face Temperature	<35°C	Ambient Temperature	40°C

#### WIRING INFORMATION

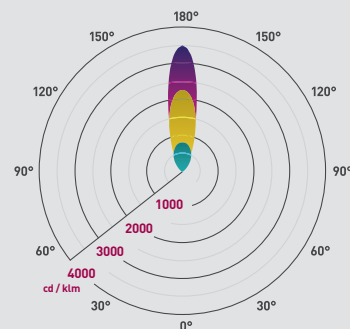
Cable / Flying Lead	1m H05RN-F rubberised cable (outside diameter: 7mm)
Type of Wiring Required	Parallel (mains) 220-240V AC 50/60Hz

#### LED DRIVERS

Product Code	mA	Dimming	Bathroom Zone	Min	Max
N/A (driver built in)	-	No	2	-	-

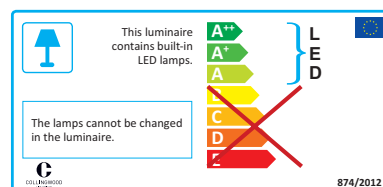
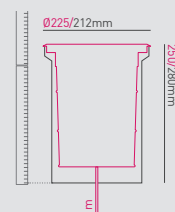
#### ACCESSORIES

Product Code	Description	
Installation tube (included)		
JB5	Gel filled waterproof connector	375
WC 5-9	Quick waterproof connector	374



Beam angle: 24° 38° 60°

Additional diagrams available at [collingwoodlighting.com](http://collingwoodlighting.com)





COLLINGWOOD  
LIGHTING



## GL008RGBW

Twin drive over, colour change LED ground light with white LED (25W max.)

### FEATURES

IP rating	IP67	Walk over / drive over	Drive over, 15mph maximum
IK rating	IK10	Dimmable	Yes, using colour change control system
Tilttable	20°	LED lifetime	50,000h L50, B50
RGBW	Yes	Mounting position	Ground recessed

### PHOTOMETRICS @ 25°C

Colour	Beam angle	Product code	W	CRI	lm	lm/W	lx at 1m
4000K	25°	GL008RGBW	6.6	>80Ra	360	55	1701
Red	25°		4.8	-	261	54	1069
Green	25°		6.6	-	416	63	1881
Blue	25°		6.6	-	668	10	33

### INSTALLATION INFORMATION

Weight	4700g	Construction material	Stainless steel 304 (cover ring only) / aluminium (body)
Bathroom zone	1	Ambient temperature	35°C
Face temperature	35°C		

### WIRING INFORMATION

Cable / flying lead	3m CR575RGBW (outside diameter: 7.4mm)
Type of wiring required	N/A (1 per power repeater)

### LED DRIVERS

Product code	mA	SELV	Dimming	Bathroom zone	Min	Max
PR3011	350	-	Yes	1	1	1

### ACCESSORIES

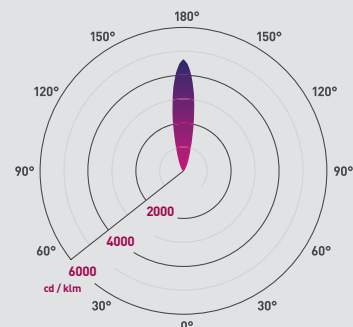
Product code	Description	
Installation tube included		
JB7	5-pole IP68 inline connector	375
CR575RGBW	5-core PVC cable	370

### GUARANTEE / WARRANTY

3 year guarantee

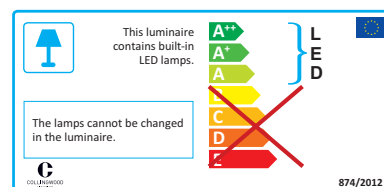
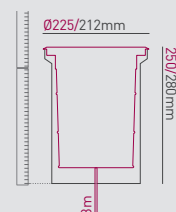
### FEATURES & BENEFITS

- Adjustable LED fitting
- Installation tube included
- 10mm toughened glass, ideal for use in driveways
- Full RGBW colour range
- Separate white LED for permanent use
- Compatible with a large range of controllers



Beam angle: 36°

Additional diagrams available at [collingwoodlighting.com](http://collingwoodlighting.com)







## GL07

Drive over LED ground light

### FEATURES

Wattage	8.5W	IP Rating	IP67
Input	Mains AC	LED Lifetime	70,000h L70, B10
IK Rating	IK10	SDCM	3SDCM
Tilttable	20°		
Walk Over / Drive Over	Drive over, 10mm tempered glass (15mph max), static load 2000kg / 20KN		

### PHOTOMETRICS @ 25°C

Colour	Beam Angle	Product Code	CRI	lm	lm/W	lx at 1m
4000K	60°	GL07D60X40	>80Ra	505	59	399
4000K	38°	GL07D38X40	>80Ra	505	59	1177
4000K	24°	GL07D24X40	>80Ra	505	59	1597
3000K	60°	GL07D60X30	>80Ra	500	59	395
3000K	38°	GL07D38X30	>80Ra	500	59	1165
3000K	24°	GL07D24X30	>80Ra	500	59	1582
2700K	60°	GL07D60X27*	>80Ra	490	58	387
2700K	38°	GL07D38X27*	>80Ra	490	58	1142
2700K	24°	GL07D24X27*	>80Ra	490	58	1569

\*Available on request, please call our team for lead times and MOQ on 01604 495 151

### INSTALLATION INFORMATION

Weight	2.8kg	Inrush Current	0.92A 0.13ms
Construction Material	Stainless Steel 304 (cover ring) / Aluminium (body)	Bathroom Zone	2
Face Temperature	<35°C	Ambient Temperature	40°C

### WIRING INFORMATION

Cable / Flying Lead	1m H05RN-F rubberised cable (outside diameter: 7mm)
Type of Wiring Required	Parallel (mains) 220-240V AC 50/60Hz

### LED DRIVERS

Product Code	mA	Dimming	Bathroom Zone	Min	Max
N/A (driver built in)	-	No	2	-	-

### ACCESSORIES

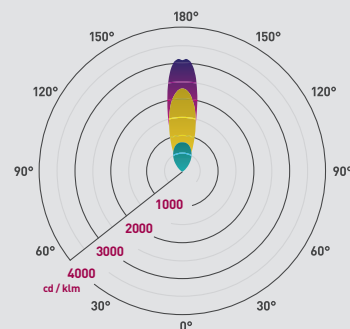
Product Code	Description	
Installation tube (included)		
JB5	Gel filled waterproof connector	375
WC 5-9	Quick waterproof connector	374

### GUARANTEE / WARRANTY

3 year extended warranty available

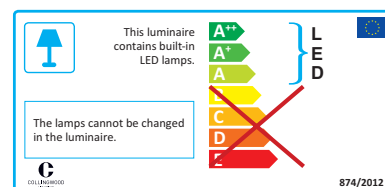
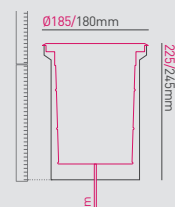
### FEATURES & BENEFITS

Adjustable LED fittings  
Equivalent to 50W Halogen  
Robust cable for outdoor use  
Straight to mains  
Installation tube included  
10mm toughened glass, ideal for use in driveways



Beam angle: 24° 38° 60°

Additional diagrams available at [collingwoodlighting.com](http://collingwoodlighting.com)





COLLINGWOOD  
LIGHTING



## GL007RGBW

Drive over, colour change LED ground light with white LED (12W max.)

### FEATURES

IP rating	IP67	Walk over / drive over	Drive over, 15mph maximum
IK rating	IK10	Dimmable	Yes
Tilttable	20°	LED lifetime	50,000h L50, B50
RGBW	Yes	Mounting position	Ground recessed

### PHOTOMETRICS @ 25°C

Colour	Beam angle	Product code	W	CRI	lm	lm/W	lx at 1m
4000K	36°	GL007RGBW	3.3	>80Ra	180	55	782
Red	36°		2.4	-	131	55	539
Green	36°		3.3	-	208	63	944
Blue	36°		3.3	-	34	10	15

### INSTALLATION INFORMATION

Weight	2500g	Construction material	Stainless steel 304 (cover ring only) / aluminium (body)
Bathroom zone	1	Ambient temperature	35°C
Face temperature	35°C		

### WIRING INFORMATION

Cable / flying lead	2x 3m CR575RGBW (outside diameter: 7.4mm)
Type of wiring required	Series

### LED DRIVERS

Product code	mA	SELV	Dimming	Bathroom zone	Min	Max
PR3011	350	-	Yes	1	1	2

### ACCESSORIES

Product code	Description	
Installation tube included		
JB7	5-pole IP68 inline connector	375
CR575RGBW	5-core PVC cable	370

### GUARANTEE / WARRANTY

3 year guarantee

### FEATURES & BENEFITS

Adjustable LED fitting to  $\pm 20^\circ$

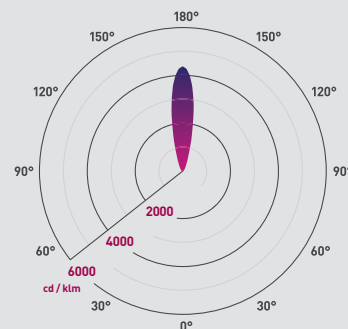
Installation tube included

10mm toughened glass, ideal for use in driveways

Full RGBW colour range

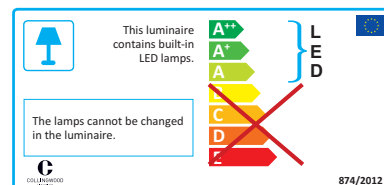
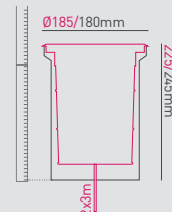
Separate white LED for permanent use

Compatible with a large range of controllers



Beam angle: 36°

Additional diagrams available at [collingwoodlighting.com](http://collingwoodlighting.com)





## GL007 Frosted

Frosted LED drive over ground / marker light

### GUARANTEE / WARRANTY

3 year extended warranty available

### FEATURES & BENEFITS

- Frosted effect for softer tone of light
- Straight to mains
- Installation tube included
- 10mm toughened glass, ideal for use in driveways

#### FEATURES

Wattage	8W	SDCM	3SDCM
Input	Mains AC	IP Rating	IP67
IK Rating	IK10	LED Lifetime	70,000h L70, B10
Walk Over / Drive Over	Drive over, 10mm tempered glass (15mph max), static load 2000kg / 20KN		

#### PHOTOMETRICS @ 25°C

Colour	Beam Angle	Product Code	CRI	lm	lm/W	lx at 1m
4000K	120°	GL007 FROSTED NW	>80Ra	101	13	43
3000K	120°	GL007 FROSTED WW	>80Ra	96	12	33

#### INSTALLATION INFORMATION

Weight	2.7kg	Inrush Current	10.7A 0.7ms
Construction Material	Stainless Steel 304 (cover ring) / Aluminium (body)	Bathroom Zone	2
Face Temperature	26°C	Ambient Temperature	35°C

#### WIRING INFORMATION

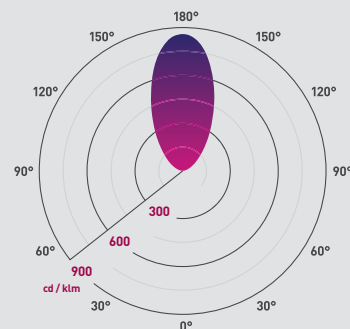
Cable / Flying Lead	1m H05RN-F rubberised cable (outside diameter: 7mm)
Type of Wiring Required	Parallel (mains) 220-240V AC 50/60Hz

#### LED DRIVERS

Product Code	mA	Dimming	Bathroom Zone	Min	Max
N/A (integrated SELV driver)	-	No	2	-	-

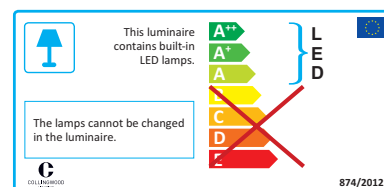
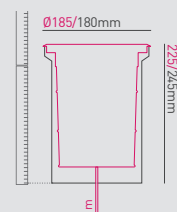
#### ACCESSORIES

Product Code	Description	
Installation tube (included)		
JB5	Gel filled waterproof connector	375
WC 5-9	Quick waterproof connector	374



Beam angle: 120°

Additional diagrams available at [collingwoodlighting.com](http://collingwoodlighting.com)







COLLINGWOOD  
LIGHTING



## GL090

7W LED ground light

### FEATURES

Wattage	7W	Walk Over / Drive Over	Walk over (5mm toughened glass)
IP Rating	IP68	IK Rating	IK08
LED Lifetime	70,000h L70, B10	SDCM	3SDCM

### PHOTOMETRICS @ 25°C

Colour	Beam Angle	Product Code	CRI	lm	lm/W	lx at 1m
4000K	20°	GL090 F NW	>80Ra	400	57	2594
4000K	12°	GL090 S NW	>80Ra	400	57	4590
3000K	20°	GL090 F WW	>80Ra	320	46	2076
3000K	12°	GL090 S WW	>80Ra	320	46	3671
2700K	20°	GL090 F 27	>80Ra	310	44	2011
2700K	12°	GL090 S 27	>80Ra	310	44	3556
Blue	20°	GL090 F BL	>80Ra	43	6	-
Blue	12°	GL090 S BL	>80Ra	-	-	-

### INSTALLATION INFORMATION

Weight	800g	Cut-Out Size	Ø 65mm
Construction Material	Stainless steel (316)	Bathroom Zone	0
Face Temperature	<50°C	Ambient Temperature	35°C

### WIRING INFORMATION

Cable / Flying Lead	1m (H05RN-F) rubberised cable (outside diameter: 6mm)
Type of Wiring Required	Series

### LED DRIVERS

Product Code	mA	SELV	Dimming	Bathroom Zone	Min	Max
PLU/700 3-9	700	Yes	No	1	1	3
PL/IP/700 1-3	700	Yes	No	0	1	1
PLD UNI-DRIVE 700mA	700	Yes	Yes (1-10V)	2	1	3

### ACCESSORIES

Product Code	Description	
JB2 / JB4 / JB6	IP68 waterproof connectors	374-375
TUBE/68	Installation tube	220
WCR 275 BLACK	2-core rubber cable	375
PDC/GRID DIMMER	Grid dimmer kit for multiple fitting types	374

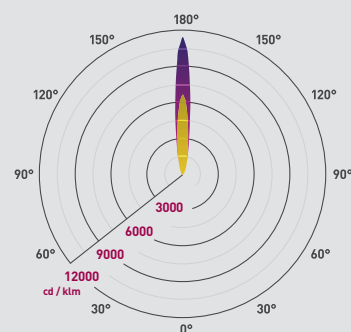
### GUARANTEE / WARRANTY

7 year extended warranty available

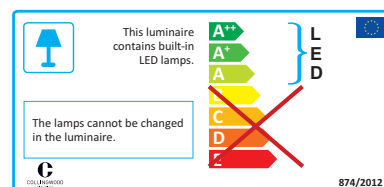
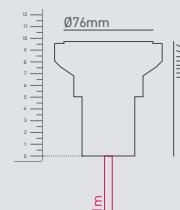
### FEATURES & BENEFITS

Equivalent to 35W halogen & 35W AR111

Robust cable for outdoor use



Beam angle: 12° 20°  
Additional diagrams available at [collingwoodlighting.com](http://collingwoodlighting.com)





## GL090RGBW

High output LED colour change ground light with white LED (12W max.)

### FEATURES

IP rating	IP67	Dimmable	Yes
IK rating	IK08	LED lifetime	50,000h L50, B50
RGBW	Yes	Mounting position	Ground recessed
Walk over / drive over	Walk over (5mm toughened glass)		

### PHOTOMETRICS @ 25°C

Colour	Beam angle	Product code	W	CRI	lm	lm/W	lx at 1m
4000K	45°	GL090RGBW	3	>80Ra	177	59	173
Red	45°		2	-	106	53	60
Green	45°		3	-	185	62	168
Blue	45°		3	-	43	14	1

### INSTALLATION INFORMATION

Cut-out size	Ø 65mm	Weight	900g
Bathroom zone	1	Construction material	Stainless steel (316)
Face temperature	50°C	Ambient temperature	35°C

### WIRING INFORMATION

Cable / flying lead	2x 1m CR575RGBW (outside diameter: 7.4mm)
Type of wiring required	Series

### LED DRIVERS

Product code	mA	SELV	Dimming	Bathroom zone	Min	Max
PR3011	350	-	Yes	1	1	2

### ACCESSORIES

Product code	Description	
TUBE/68	Installation tube	220
JB7	5-pole IP68 inline connector	375
CR575RGBW	5-core PVC cable	370

### GUARANTEE / WARRANTY

5 year extended warranty available

### FEATURES & BENEFITS

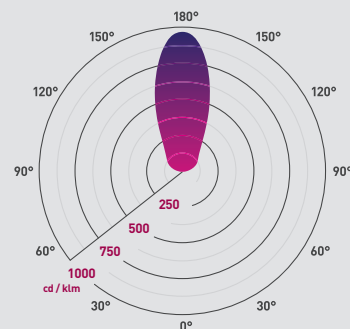
High output colour change for large areas

Marine grade stainless steel for use in outdoor and indoor environments

Full RGBW colour range

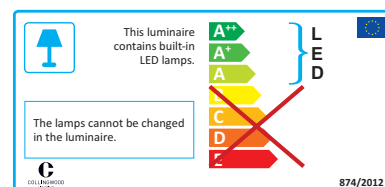
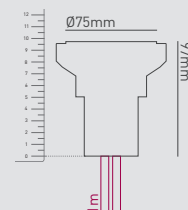
Separate white LED for permanent use

Compatible with a large range of controllers



Beam angle: 45°

Additional diagrams available at [collingwoodlighting.com](http://collingwoodlighting.com)





COLLINGWOOD  
LIGHTING



## GL040

LED ground light

### FEATURES

Wattage	3W (350mA) 6W (700mA)	Walk Over / Drive Over	Walk over (5mm toughened glass)
IP Rating	IP68	IK Rating	IK08
LED Lifetime	70,000h L70, B10	SDCM	3SDCM

### PHOTOMETRICS @ 25°C

PHOTOMETRICS @ 25°C			350mA				700mA			
Colour	Beam Angle	Product Code	CRI	lm	lm/W	lx at 1m	CRI	lm	lm/W	lx at 1m
4000K	38°	GL040 F NW	>80Ra	300	100	549	>80Ra	460	77	2984
4000K	18°	GL040 S NW	>80Ra	300	100	2784	>80Ra	460	77	4269
3000K	38°	GL040 F WW	>80Ra	260	87	476	>80Ra	450	75	1882
3000K	18°	GL040 S WW	>80Ra	260	87	2413	>80Ra	450	75	4177
2700K	38°	GL040 F 27	>80Ra	253	84	463	>80Ra	410	68	750
2700K	18°	GL040 S 27	>80Ra	253	84	2348	>80Ra	410	68	3805

### INSTALLATION INFORMATION

Weight	491g	Cut-Out Size	Ø 65mm
Construction Material	Stainless steel (316)	Bathroom Zone	0
Face Temperature	<40°C	Ambient Temperature	35°C

### WIRING INFORMATION

Cable / Flying Lead	1m (H05RN-F) rubberised cable (outside diameter: 6mm)
Type of Wiring Required	Series

### LED DRIVERS

Product Code	mA	SELV	Dimming	Bathroom Zone	Min	Max
PLR/350 1-5	350	Yes	No	0	1	1
PLD UNI-DRIVE 350MA	350	Yes	Yes (1-10V)	2	1	3
PLU/700 3-9	700	Yes	No	1	1	3

### ACCESSORIES

Product Code	Description	
JB2 / JB4 / JB6	IP68 waterproof connectors	374-375
TUBE/68	Installation tube	220
PDC/GRID DIMMER	Grid dimmer kit for multiple fitting types	374

### GUARANTEE / WARRANTY

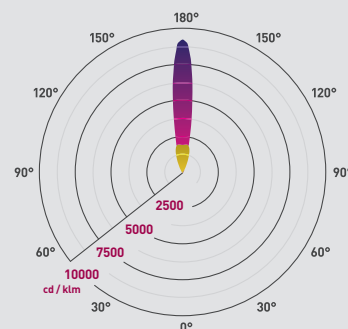
7 year extended warranty available

### FEATURES & BENEFITS

Can now also be used with a 700mA driver for increased light output

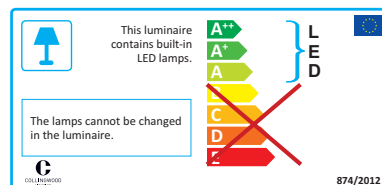
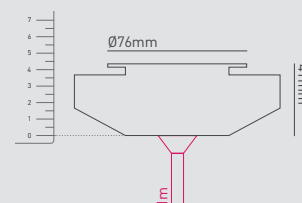
At 350mA equivalent to 20W halogen & 35W AR111

Robust cable for outdoor use



Beam angle: 18° 38°

Additional diagrams available at [collingwoodlighting.com](http://collingwoodlighting.com)







## GL040CARGB

Colour change LED ground light (3.5W max.)

### FEATURES

IP rating	IP67	Dimmable	Yes
IK rating	IK08	LED lifetime	50,000h L50, B50
RGB	Yes	Mounting position	Ground recessed
Walk over / drive over	Walk over (5mm toughened glass)		

### PHOTOMETRICS @ 25°C

Colour	Beam angle	Product code	W	CRI	lm	lm/W	lx at 1m
Red	18°	GL040CARGB	1	>80Ra	34	34	287
Green	18°		1.2	-	68	56	697
Blue	18°		1.2	-	8	7	8

### INSTALLATION INFORMATION

Cut-out size	Ø 65mm	Weight	800g
Bathroom zone	1	Construction material	Stainless steel (316)
Face temperature	40°C	Ambient temperature	35°C

### WIRING INFORMATION

Cable / flying lead	2x 1m LED RGB 0.75mm² cable (outside diameter: 6mm)
Type of wiring required	Series

### LED DRIVERS

Product code	mA	SELV	Dimming	Bathroom zone	Min	Max
PR3011	350	-	Yes	1	1	6

### ACCESSORIES

Product code	Description	
TUBE/68	Installation tube	220
JB7	5-pole IP68 inline connector	375
LED RGB 0.75 CABLE	4-core PVC cable	370

### GUARANTEE / WARRANTY

5 year extended warranty available

### FEATURES & BENEFITS

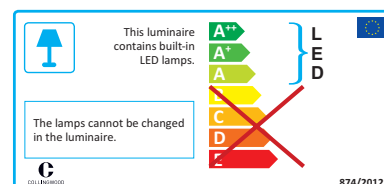
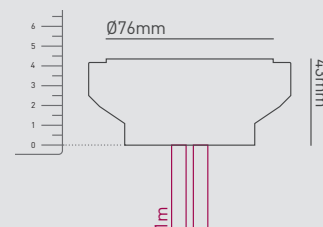
Low profile for easy installation

Installation tube available

Full RGB colour range

Marine grade stainless steel for use in outdoor and indoor environments

Compatible with a large range of controllers





COLLINGWOOD  
LIGHTING



## GL040 Ultra low glare

2W LED ground light

### FEATURES

Wattage	2W	Walk Over / Drive Over	Walk over (5mm toughened glass)
IP Rating	IP68	IK Rating	IK08
LED Lifetime	70,000h L70, B10	UGR Rating	UGR 10
SDCM	3SDCM		

### PHOTOMETRICS @ 25°C

Colour	Beam Angle	Product Code	CRI	lm	lm/W	lx at 1m
4000K	12°	GL040DNBL40	>80Ra	215	108	2891
4000K	34°	GL040DMBL40	>80Ra	215	108	694
3000K	12°	GL040DNBL30	>80Ra	208	104	2797
3000K	34°	GL040DMBL30	>80Ra	208	104	671
2700K	12°	GL040DNBL27	>80Ra	200	100	2689
2700K	34°	GL040DMBL27	>80Ra	200	100	645

### INSTALLATION INFORMATION

Weight	818g	Cut-Out Size	Ø 65mm
Construction Material	Stainless steel (316)	Bathroom Zone	0
Face Temperature	35°C	Ambient Temperature	35°C

### WIRING INFORMATION

Cable / Flying Lead	1m (H05RN-F) rubberised cable (outside diameter: 6mm)
Type of Wiring Required	Series

### LED DRIVERS

Product Code	mA	SELV	Dimming	Bathroom Zone	Min	Max
PLU/350 1-9	350	Yes	No	1	1	3
PLR/350 1-5	350	Yes	No	0	1	1
PLD UNI-DRIVE 350MA	350	Yes	Yes (1-10V)	2	1	3

### ACCESSORIES

Product Code	Description	
JB2 / JB4 / JB6	IP68 waterproof connectors	374-375
TUBE/68	Installation tube	220
PDC/GRID DIMMER	Grid dimmer kit for multiple fitting types	374

### GUARANTEE / WARRANTY

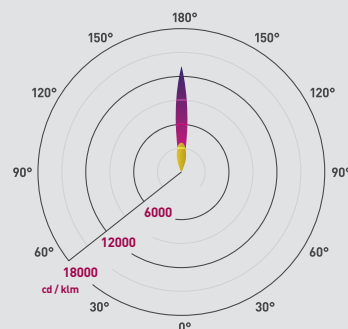
7 year extended warranty available

### FEATURES & BENEFITS

A stylish ground light with black baffle

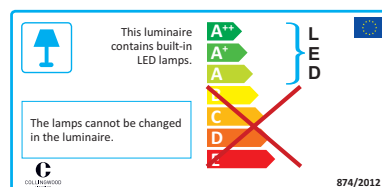
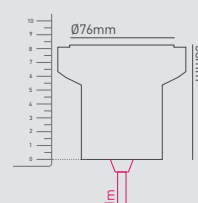
Perfect for both interior and exterior applications

Compliments environments with ultra low glare up-lighting effect



Beam angle: 12° 34°

Additional diagrams available at [collingwoodlighting.com](http://collingwoodlighting.com)





## GL041

Square 3W LED ground light

### GUARANTEE / WARRANTY

7 year extended warranty available

### FEATURES & BENEFITS

Equivalent to 20W halogen & 35W AR111

Robust cable for outdoor use

#### FEATURES

Wattage	3W	Walk Over / Drive Over	Walk over (5mm toughened glass)
IP Rating	IP68	IK Rating	IK08
LED Lifetime	70,000h L70, B10	SDCM	3SDCM

#### PHOTOMETRICS @ 25°C

Colour	Beam Angle	Product Code	CRI	lm	lm/W	lx at 1m
4000K	20°	GL041 F NW	>70Ra	200	67	1800
4000K	12°	GL041 S NW	>70Ra	200	67	4500
3000K	20°	GL041 F WW	>80Ra	160	53	1253
3000K	12°	GL041 S WW	>80Ra	160	53	3210

#### INSTALLATION INFORMATION

Weight	760g	Cut-Out Size	Ø 65mm
Construction Material	Stainless steel [316]	Bathroom Zone	0
Face Temperature	<40°C	Ambient Temperature	35°C

#### WIRING INFORMATION

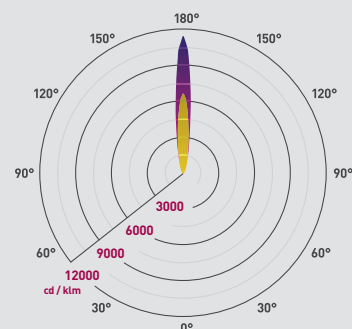
Cable / Flying Lead	1m (H05RN-F) rubberised cable (outside diameter: 6mm)
Type of Wiring Required	Series

#### LED DRIVERS

Product Code	mA	SELV	Dimming	Bathroom Zone	Min	Max
PLU/350 1-9	350	Yes	No	1	1	3
PLR/350 1-5	350	Yes	No	0	1	1
PLD UNI-DRIVE 350MA	350	Yes	Yes [1-10V]	2	1	3

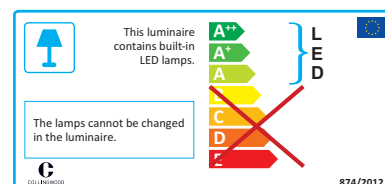
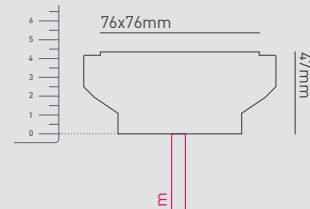
#### ACCESSORIES

Product Code	Description	
JB2 / JB4 / JB6	IP68 waterproof connectors	374-375
TUBE/68	Installation tube	220
PDC/GRID DIMMER	Grid dimmer kit for multiple fitting types	374



Beam angle: 12° 20°

Additional diagrams available at [collingwoodlighting.com](http://collingwoodlighting.com)







COLLINGWOOD  
LIGHTING



## GL038A

Straight to mains LED ground light

### FEATURES

Wattage	3.6W	Walk Over / Drive Over	Walk over (5mm toughened glass)
Input	Mains AC	IP Rating	IP67
IK Rating	IK08	LED Lifetime	70,000h L70, B10
SDCM	3SDCM		

### PHOTOMETRICS @ 25°C

Colour	Beam Angle	Product Code	CRI	lm	lm/W	lx at 1m
4000K	38°	GL038A F NW	>80Ra	200	55	550
3000K	38°	GL038A F WW	>80Ra	165	45	305
2700K	38°	GL038A F 27	>80Ra	29	44	318
BLUE	38°	GL038A F BL	-	-	-	-

### INSTALLATION INFORMATION

Weight	800g	Inrush Current	9A 0.8ms
Cut-Out Size	Ø 80-85mm	Construction Material	Stainless steel 316 (cover) / Aluminium (body)
Bathroom Zone	2	Face Temperature	<35°C
Ambient Temperature	35°C		

### WIRING INFORMATION

Cable / Flying Lead	1m H05RN-F rubberised cable (outside diameter: 7mm)
Type of Wiring Required	Parallel (mains) 220-240V AC 50/60Hz

### LED DRIVERS

Product Code	mA	Dimming	Bathroom Zone	Min	Max
N/A (integrated SELV driver)	-	No	2	-	-

### ACCESSORIES

Product Code	Description	
Installation tube (included)		
JB5	Gel filled waterproof connector	375
WC 5-9	Quick waterproof connector	374

### GUARANTEE / WARRANTY

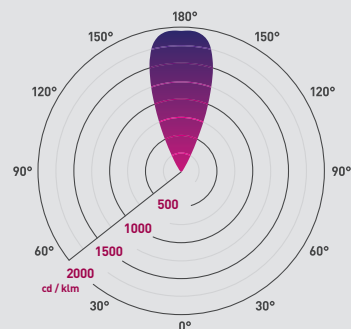
7 year extended warranty available

### FEATURES & BENEFITS

Equivalent to 20W halogen

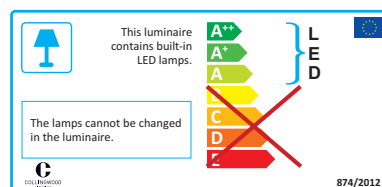
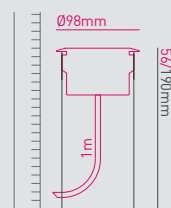
Robust cable for outdoor use

Straight to mains for easy retrofit



Beam angle: 38°

Additional diagrams available at [collingwoodlighting.com](http://collingwoodlighting.com)





COLLINGWOOD  
LIGHTING



## GL019

Mini LED ground light

### GUARANTEE / WARRANTY

7 year extended warranty available

### FEATURES & BENEFITS

Can now also be used with a 700mA driver for increased light output

Compact yet powerful fitting

Shallow depth for easy installation

Robust cable for outdoor use

#### FEATURES

Wattage	1W (350mA) / 2W (700mA)	Walk Over / Drive Over	Walk over (5mm toughened glass)
IP Rating	IP68	IK Rating	IK07
LED Lifetime	70,000h L70, B10	SDCM	3SDCM

#### PHOTOMETRICS @ 25°C

			350mA				700mA			
Colour	Beam Angle	Product Code	CRI	lm	lm/W	lx at 1m	CRI	lm	lm/W	lx at 1m
4000K	38°	GL019 F NW	>80Ra	100	100	356	>80Ra	180	90	641
4000K	12°	GL019 S NW	>80Ra	100	100	1543	>80Ra	180	90	3087
3000K	38°	GL019 F WW	>80Ra	90	90	320	>80Ra	150	75	534
3000K	12°	GL019 S WW	>80Ra	90	90	1543	>80Ra	150	75	2572
2700K	38°	GL019 F 27	>80Ra	80	80	285	>80Ra	130	65	463
2700K	12°	GL019 S 27	>80Ra	80	80	1372	>80Ra	130	65	2229
Amber	38°	GL019 F AMBER	-	20	20	88	-	-	-	-
Amber	12°	GL019 S AMBER	-	20	20	407	-	-	-	-
Blue	38°	GL019 F BLUE	-	10	10	66	-	25	13	88
Blue	12°	GL019 S BLUE	-	10	10	509	-	25	13	407
Green	38°	GL019 F GREEN	-	80	80	352	-	120	60	528
Green	12°	GL019 S GREEN	-	80	80	1630	-	120	60	2444
Red	38°	GL019 F RED	-	35	35	154	-	-	-	-
Red	12°	GL019 S RED	-	35	35	712	-	-	-	-

#### INSTALLATION INFORMATION

Weight	200g	Cut-Out Size	Ø 33mm
Construction Material	Stainless steel (316)	Bathroom Zone	0
Face Temperature	32°C	Ambient Temperature	35°C

#### WIRING INFORMATION

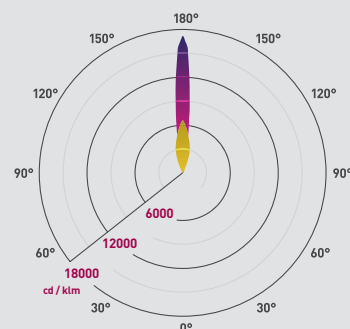
Cable / Flying Lead	1m (H05RN-F) rubberised cable (outside diameter: 6mm)
Type of Wiring Required	Series

#### LED DRIVERS

Product Code	mA	SELV	Dimming	Bathroom Zone	Min	Max
PLR/350 1-5	350	Yes	No	0	1	5
PLD UNI-DRIVE 350MA	350	Yes	Yes (1-10V)	2	1	10
PLU/700 3-9	700	Yes	No	1	3	9

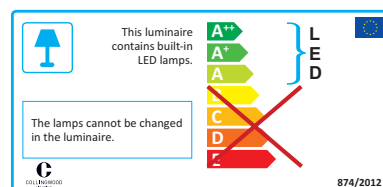
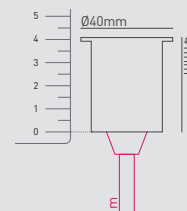
#### ACCESSORIES

Product Code	Description	
JB2 / JB4 / JB6	IP68 waterproof connectors	374-375
TUBE/33	Installation tube	220



Beam angle: 12° 38°

Additional diagrams available at [collingwoodlighting.com](http://collingwoodlighting.com)





COLLINGWOOD  
LIGHTING



## GL019 Ultra low glare

1W mini LED ground light

### FEATURES

Wattage	1W	Walk Over / Drive Over	Walk over (5mm toughened glass)
IP Rating	IP68	IK Rating	IK07
LED Lifetime	70,000h L70, B10	UGR Rating	UGR 10
SDCM	3SDCM		

### PHOTOMETRICS @ 25°C

Colour	Beam Angle	Product Code	CRI	lm	lm/W	lx at 1m
4000K	30°	GL019DMBL40	>80Ra	68	68	125
4000K	12°	GL019DNBL40	>80Ra	78	78	2369
3000K	30°	GL019DMBL30	>80Ra	64	64	25
3000K	12°	GL019DNBL30	>80Ra	74	74	1324
2700K	30°	GL019DMBL27	>80Ra	60	60	24
2700K	12°	GL019DNBL27	>80Ra	70	70	1292

### INSTALLATION INFORMATION

Weight	0.26kg	Cut-Out Size	Ø 33mm
Construction Material	Stainless steel (316)	Bathroom Zone	0
Face Temperature	<35°C	Ambient Temperature	35°C

### WIRING INFORMATION

Cable / Flying Lead	1m (H05RN-F) rubberised cable (outside diameter: 6mm)
Type of Wiring Required	Series

### LED DRIVERS

Product Code	mA	SELV	Dimming	Bathroom Zone	Min	Max
PLU/350 1-9	350	Yes	No	1	1	9
PLR/350 1-5	350	Yes	No	0	1	5
PLD UNI-DRIVE 350MA	350	Yes	Yes (1-10V)	2	1	10

### ACCESSORIES

Product Code	Description	
JB2 / JB4 / JB6	IP68 waterproof connectors	374-375
TUBE/33	Installation tube	220
PDC/GRID DIMMER	Grid dimmer kit for multiple fitting types	374

### GUARANTEE / WARRANTY

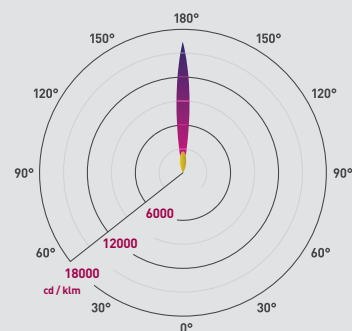
7 year extended warranty available

### FEATURES & BENEFITS

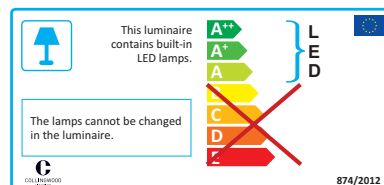
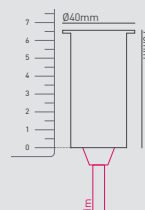
A stylish mini ground light with black baffle

Perfect for both interior and exterior applications

Compliments environments with ultra low glare up-lighting effect



Beam angle: 12° 30°  
Additional diagrams available at [collingwoodlighting.com](http://collingwoodlighting.com)







COLLINGWOOD  
LIGHTING



## GL019 LG

1W mini low glare LED ground light

### GUARANTEE / WARRANTY

7 year extended warranty available

### FEATURES & BENEFITS

- Compact yet powerful fitting
- Shallow depth for easy installation
- Robust cable for outdoor use
- Built-in glare reducing honeycomb baffle

#### FEATURES

Wattage	1W	Walk Over / Drive Over	Walk over (5mm toughened glass)
IP Rating	IP68	IK Rating	IK07
LED Lifetime	70,000h L70, B10	SDCM	3SDCM

#### PHOTOMETRICS @ 25°C

Colour	Beam Angle	Product Code	CRI	lm	lm/W	lx at 1m
4000K	30°	GL019LGFNW	>80Ra	65	65	262
4000K	12°	GL019LGSNW	>80Ra	65	65	908
3000K	30°	GL019LGFWW	>80Ra	55	55	222
3000K	12°	GL019LGSWW	>80Ra	55	55	768
2700K	30°	GL019LGF27	>80Ra	53	53	214
2700K	12°	GL019LGS27	>80Ra	53	53	740

#### INSTALLATION INFORMATION

Weight	200g	Cut-Out Size	Ø 33mm
Construction Material	Stainless steel (316)	Bathroom Zone	0
Face Temperature	32°C	Ambient Temperature	35°C

#### WIRING INFORMATION

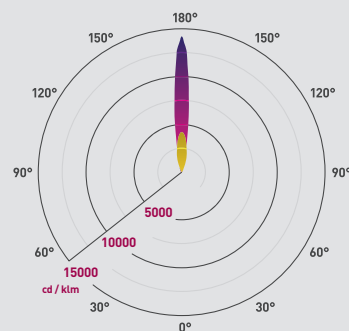
Cable / Flying Lead	1m (H05RN-F) rubberised cable (outside diameter: 6mm)
Type of Wiring Required	Series

#### LED DRIVERS

Product Code	mA	SELV	Dimming	Bathroom Zone	Min	Max
PLU/350 1-9	350	Yes	No	1	1	9
PLR/350 1-5	350	Yes	No	0	1	5
PLD UNI-DRIVE 350MA	350	Yes	Yes (1-10V)	2	1	10

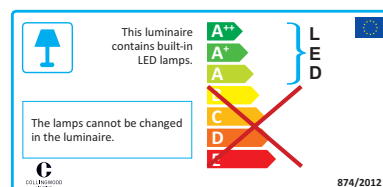
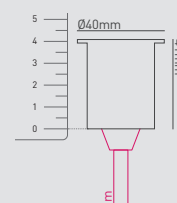
#### ACCESSORIES

Product Code	Description	
JB2 / JB4 / JB6	IP68 waterproof connectors	374-375
TUBE/33	Installation tube	220
PDC/GRID DIMMER	Grid dimmer kit for multiple fitting types	374



Beam angle: 12° 30°

Additional diagrams available at [collingwoodlighting.com](http://collingwoodlighting.com)





COLLINGWOOD  
LIGHTING



## GL019 Frosted

Frosted 1W Mini LED Ground Light / Marker light

### FEATURES

Wattage	1W	Walk Over / Drive Over	Walk over (5mm toughened glass)
IP Rating	IP68	IK Rating	IK07
LED Lifetime	70,000h L70, B10	SDCM	3SDCM

### PHOTOMETRICS @ 25°C

Colour	Beam Angle	Product Code	CRI	lm	lm/W	lx at 1m
4000K	100°	GL019DC0F40	>80Ra	13	13	5
3000K	100°	GL019DC0F30	>80Ra	11	11	4
2700K	100°	GL019DC0F27	>80Ra	10	10	4

### INSTALLATION INFORMATION

Weight	196g	Cut-Out Size	Ø 33mm
Construction Material	Stainless steel (316)	Bathroom Zone	0
Face Temperature	<35°C	Ambient Temperature	35°C

### WIRING INFORMATION

Cable / Flying Lead	1m (H05RN-F) rubberised cable (outside diameter: 6mm)
Type of Wiring Required	Series

### LED DRIVERS

Product Code	mA	SELV	Dimming	Bathroom Zone	Min	Max
PLU/350 1-9	350	Yes	No	1	1	9
PLR/350 1-5	350	Yes	No	0	1	5
PLD UNI-DRIVE 350MA	350	Yes	Yes (1-10V)	2	1	10

### ACCESSORIES

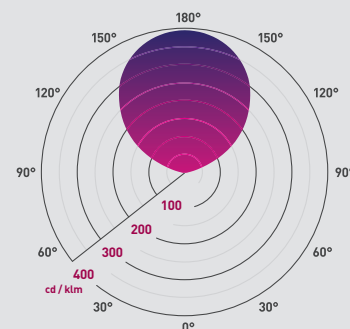
Product Code	Description	
JB2 / JB4 / JB6	IP68 waterproof connectors	374-375
TUBE/33	Installation tube	220
WCR 275 BLACK	2-core rubber cable	375
PDC/GRID DIMMER	Grid dimmer kit for multiple fitting types	374

### GUARANTEE / WARRANTY

7 year extended warranty available

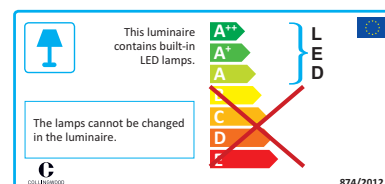
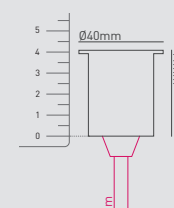
### FEATURES & BENEFITS

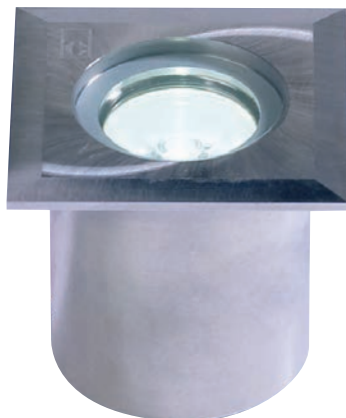
- Frosted effect for softer light
- Robust cable for outdoor use
- Shallow depth for easy installation



Beam angle: 100°

Additional diagrams available at [collingwoodlighting.com](http://collingwoodlighting.com)





## GL019 SQ

1W square mini LED ground light

### FEATURES

Wattage	1W (350mA) 2W (700mA)	Walk Over / Drive Over	Walk over (5mm toughened glass)
IP Rating	IP68	IK Rating	IK07
LED Lifetime	70,000h L70, B10	SDCM	3SDCM

### PHOTOMETRICS @ 25°C

Colour	Beam Angle	Product Code	350mA				700mA			
			CRI	lm	lm/W	lx at 1m	CRI	lm	lm/W	lx at 1m
4000K	20°	GL019 SQ F NW	>80Ra	90	90	396	>80Ra	130	65	572
4000K	12°	GL019 SQ S NW	>80Ra	90	90	1833	>80Ra	130	65	2648
3000K	20°	GL019 SQ F WW	>80Ra	80	80	353	>80Ra	125	63	551
Blue	20°	GL019 SQ F BLUE	-	10	10	44	-	20	10	88
Blue	12°	GL019 SQ S BLUE	-	10	10	204	-	20	10	407

### INSTALLATION INFORMATION

Weight	100g	Cut-Out Size	Ø 33mm
Construction Material	Stainless steel (316)	Bathroom Zone	0
Face Temperature	32°C	Ambient Temperature	35°C

### WIRING INFORMATION

Cable / Flying Lead	1m (H05RN-F) rubberised cable (outside diameter: 6mm)
Type of Wiring Required	Series

### LED DRIVERS

Product Code	mA	SELV	Dimming	Bathroom Zone	Min	Max
PLU/350 1-9	350	Yes	No	1	1	9
PLD UNI-DRIVE 350MA	350	Yes	Yes (1-10V)	2	1	10
PLU/700 3-9	700	Yes	No	1	3	9

### ACCESSORIES

Product Code	Description	
JB2 / JB4 / JB6	IP68 waterproof connectors	374-375
TUBE/33	Installation tube	220
PDC/GRID DIMMER	Grid dimmer kit for multiple fitting types	374

### GUARANTEE / WARRANTY

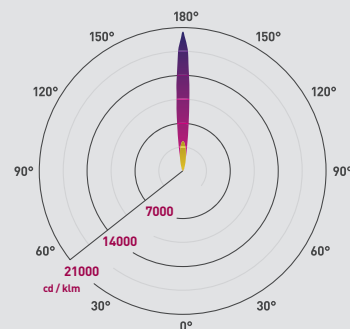
7 year extended warranty available

### FEATURES & BENEFITS

Can now also be used with a 700mA driver for increased light output

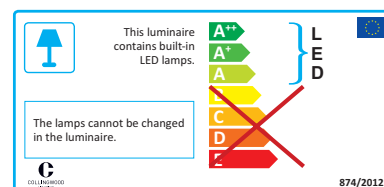
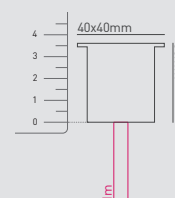
Shallow depth for easy installation

Square fascia for a different decorative effect



Beam angle: 12° 20°

Additional diagrams available at [collingwoodlighting.com](http://collingwoodlighting.com)







COLLINGWOOD  
LIGHTING



## GL019 S T

1W mini LED ground light threaded

### FEATURES

Wattage	1W (350mA) 2W (700mA)	Walk Over / Drive Over	Walk over (5mm toughened glass)
IP Rating	IP68	IK Rating	IK07
LED Lifetime	70,000h L70, B10	SDCM	3SDCM

### PHOTOMETRICS @ 25°C

				350mA			700mA			
Colour	Beam Angle	Product Code	CRI	lm	lm/W	lx at 1m	CRI	lm	lm/W	lx at 1m
4000K	12°	GL019 S T NW	>80Ra	90	90	1833	>80Ra	130	65	2648
3000K	12°	GL019 S T WW	>80Ra	80	80	1629	>80Ra	125	63	2545
2700K	12°	GL019 S T 27*	>80Ra	70	70	1425	>80Ra	115	58	2341
Blue	12°	GL019 S T BLUE	-	10	10	204	-	20	10	407

\*Available on request, please call our team for lead times and MOQ on 01604 495 151

### INSTALLATION INFORMATION

Weight	100g	Cut-Out Size	Ø 32mm
Construction Material	Stainless steel (316)	Bathroom Zone	0
Face Temperature	32°C	Ambient Temperature	35°C

### WIRING INFORMATION

Cable / Flying Lead	1m (H05RN-F) rubberised cable (outside diameter: 6mm)
Type of Wiring Required	Series

### LED DRIVERS

Product Code	mA	SELV	Dimming	Bathroom Zone	Min	Max
PLU/350 1-9	350	Yes	No	1	1	9
PLD UNI-DRIVE 350MA	350	Yes	Yes (1-10V)	2	1	10
PLU/700 3-9	700	Yes	No	1	3	9

### ACCESSORIES

Product Code	Description	
JB2 / JB4 / JB6	IP68 waterproof connectors	374-375
PDC/GRID DIMMER	Grid dimmer kit for multiple fitting types	374

### GUARANTEE / WARRANTY

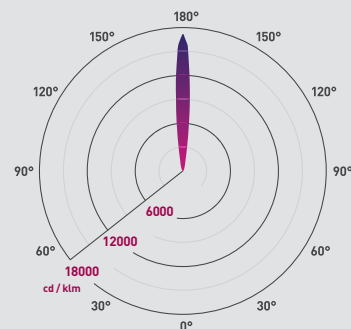
7 year extended warranty available

### FEATURES & BENEFITS

Can now also be used with a 700mA driver for increased light output

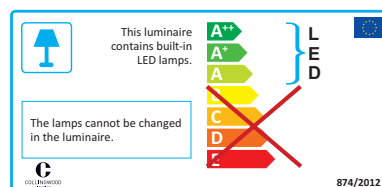
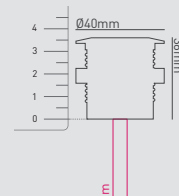
Incorporated thread and nut for secure fitting into panels, walls or ceilings

Shallow depth for easy installation



Beam angle: 12°

Additional diagrams available at [collingwoodlighting.com](http://collingwoodlighting.com)





## GL019 S TK

1W mini LED ground light threaded kit

### FEATURES

Wattage	1W (350mA) 2W (700mA)	Walk Over / Drive Over	Walk over (5mm toughened glass)
IP Rating	IP68	IK Rating	IK07
LED Lifetime	70,000h L70, B10	SDCM	3SDCM

### PHOTOMETRICS @ 25°C

				350mA			700mA			
Colour	Beam Angle	Product Code	CRI	lm	lm/W	lx at 1m	CRI	lm	lm/W	lx at 1m
4000K	12°	GL019 S TK NW	>80Ra	90	90	1833	>80Ra	130	65	2648
2700K	12°	GL019 S TK 27*	>80Ra	70	70	1425	>80Ra	115	58	2341
Blue	12°	GL019 S TK BLUE	-	10	10	204	-	20	10	407

\*Available on request, please call our team for lead times and MOQ on 01604 495 151

### INSTALLATION INFORMATION

Weight	100g	Cut-Out Size	Ø 37mm
Construction Material	Stainless steel (316)	Bathroom Zone	0
Face Temperature	32°C	Ambient Temperature	35°C

### WIRING INFORMATION

Cable / Flying Lead	1m (H05RN-F) rubberised cable (outside diameter: 6mm)
Type of Wiring Required	Series

### LED DRIVERS

Product Code	mA	SELV	Dimming	Bathroom Zone	Min	Max
PLU/350 1-9	350	Yes	No	1	1	9
PLD UNI-DRIVE 350MA	350	Yes	Yes (1-10V)	2	1	10
PLU/700 3-9	700	Yes	No	1	3	9

### ACCESSORIES

Product Code	Description	
JB2 / JB4 / JB6	IP68 waterproof connectors	374-375
PDC/GRID DIMMER	Grid dimmer kit for multiple fitting types	374

### GUARANTEE / WARRANTY

7 year extended warranty available

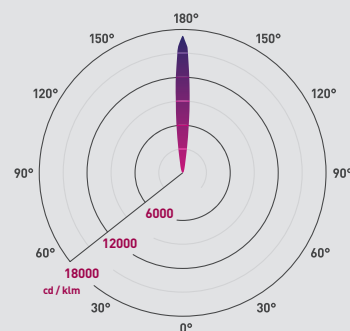
### FEATURES & BENEFITS

Can now also be used with a 700mA driver for increased light output

Theft/vandal-proof. Threaded body fits securely into supplied aluminium tube using tightening key

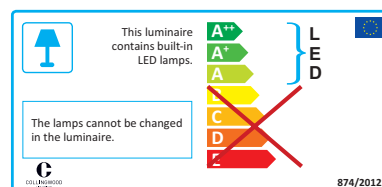
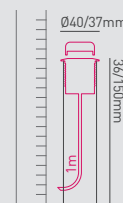
Aluminium tube for secure installation in concrete or soft ground environments

Low profile waterproof ground light. Ideal for decking or by swimming pools



Beam angle: 12°

Additional diagrams available at [collingwoodlighting.com](http://collingwoodlighting.com)





COLLINGWOOD  
LIGHTING



## GL016 F

1W LED ground light

### FEATURES

Wattage	1W	Walk Over / Drive Over	Walk over (5mm toughened glass)
IP Rating	IP68	IK Rating	IK09
LED Lifetime	70,000h L70, B10	SDCM	3SDCM

### PHOTOMETRICS @ 25°C

Colour	Beam Angle	Product Code	CRI	lm	lm/W	lx at 1m
4000K	26°	GL016 F NW	>80Ra	95	95	267
3000K	26°	GL016 F WW	>80Ra	75	75	210
2700K	26°	GL016 F 27*	>80Ra	70	70	196
Amber	26°	GL016 F AMBER	-	-	-	-
Blue	26°	GL016 F BLUE	-	-	-	-
Green	26°	GL016 F GREEN	-	-	-	-
Red	26°	GL016 F RED	-	-	-	-

\*Available on request, please call our team for lead times and MOQ on 01604 495 151

### INSTALLATION INFORMATION

Weight	400g	Cut-Out Size	Ø 50mm
Construction Material	Stainless steel (316)	Bathroom Zone	0
Face Temperature	<35°C	Ambient Temperature	35°C

### WIRING INFORMATION

Cable / Flying Lead	1m (H05RN-F) rubberised cable (outside diameter: 6mm)
Type of Wiring Required	Series

### LED DRIVERS

Product Code	mA	SELV	Dimming	Bathroom Zone	Min	Max
PLU/350 1-9	350	Yes	No	1	1	9
PLD UNI-DRIVE 350MA	350	Yes	Yes (1-10V)	2	1	10
PLU/700 3-9	700	Yes	No	1	3	9

### ACCESSORIES

Product Code	Description	
JB2 / JB4 / JB6	IP68 waterproof connectors	374-375
TUBE/50	Installation tube	220
WCR 275 BLACK	2-core rubber cable	375
PDC/GRID DIMMER	Grid dimmer kit for multiple fitting types	374

### GUARANTEE / WARRANTY

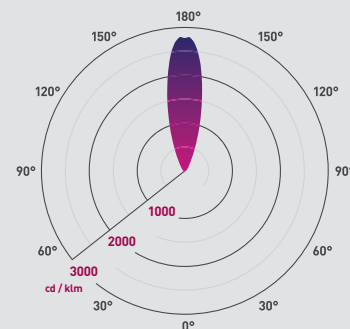
7 year extended warranty available

### FEATURES & BENEFITS

Can now also be used with a 700mA driver for increased light output

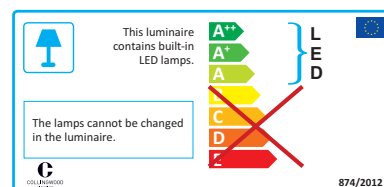
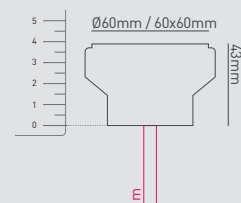
Robust cable for outdoor use

Shallow depth for easy installation



Beam angle: 26°

Additional diagrams available at [collingwoodlighting.com](http://collingwoodlighting.com)







## GL016 SQ

Square 1W LED ground light

### FEATURES

Wattage	1W	Walk Over / Drive Over	Walk over (5mm toughened glass)
IP Rating	IP68	IK Rating	IK09
LED Lifetime	70,000h L70, B10	SDCM	3SDCM

### PHOTOMETRICS @ 25°C

Colour	Beam Angle	Product Code	CRI	lm	lm/W	lx at 1m
4000K	26°	GL016 SQ NW	>70Ra	95	95	267
3000K	26°	GL016 SQ WW	>80Ra	75	75	210
2700K	26°	GL016 SQ 27*	>80Ra	70	70	196
Blue	26°	GL016 SQ BLUE	-	-	-	-

\*Available on request, please call our team for lead times and MOQ on 01604 495 151

### INSTALLATION INFORMATION

Weight	400g	Cut-Out Size	Ø 50mm
Construction Material	Stainless steel (316)	Bathroom Zone	0
Face Temperature	<35°C	Ambient Temperature	35°C

### WIRING INFORMATION

Cable / Flying Lead	1m (H05RN-F) rubberised cable (outside diameter: 6mm)
Type of Wiring Required	Series

### LED DRIVERS

Product Code	mA	SELV	Dimming	Bathroom Zone	Min	Max
PLU/350 1-9	350	Yes	No	1	1	9
PLD UNI-DRIVE 350MA	350	Yes	Yes (1-10V)	2	1	10
PLU/700 3-9	700	Yes	No	1	3	9

### ACCESSORIES

Product Code	Description	
JB2 / JB4 / JB6	IP68 waterproof connectors	374-375
TUBE/50	Installation tube	220
WCR 275 BLACK	2-core rubber cable	375
PDC/GRID DIMMER	Grid dimmer kit for multiple fitting types	374

### GUARANTEE / WARRANTY

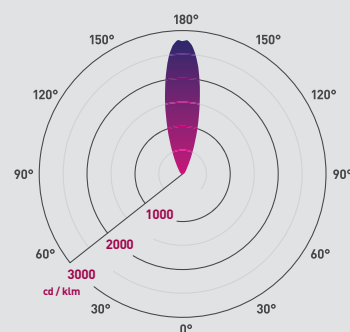
7 year extended warranty available

### FEATURES & BENEFITS

Can now also be used with a 700mA driver for increased light output

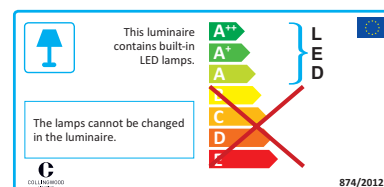
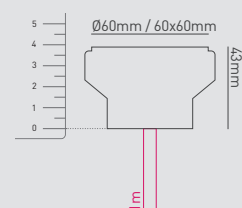
Robust cable for outdoor use

Shallow depth for easy installation



Beam angle: 26°

Additional diagrams available at [collingwoodlighting.com](http://collingwoodlighting.com)





COLLINGWOOD  
LIGHTING



## GUARANTEE / WARRANTY

7 year extended warranty available

## GL016 F AB

1W LED ground light

### FEATURES

Wattage	1W	Walk Over / Drive Over	Walk over (5mm toughened glass)
IP Rating	IP68	IK Rating	IK09
LED Lifetime	70,000h L70, B10	SDCM	3SDCM

### PHOTOMETRICS @ 25°C

Colour	Beam Angle	Product Code	CRI	lm	lm/W	lx at 1m
4000K	26°	GL016 F AB NW	>70Ra	95	95	267
3000K	26°	GL016 F AB WW	>80Ra	75	75	210
2700K	26°	GL016 F AB 27*	>80Ra	70	70	196
Amber	26°	GL016 F AB AMBER	-	-	-	-
Blue	26°	GL016 F AB BLUE	-	-	-	-
Green	26°	GL016 F AB GREEN	-	-	-	-
Red	26°	GL016 F AB RED	-	-	-	-

\*Available on request, please call our team for lead times and MOQ on 01604 495 151

### INSTALLATION INFORMATION

Weight	400g	Cut-Out Size	Ø 50mm
Construction Material	Brass	Bathroom Zone	0
Face Temperature	<35°C	Ambient Temperature	35°C

### WIRING INFORMATION

Cable / Flying Lead	1m (H05RN-F) rubberised cable (outside diameter: 6mm)
Type of Wiring Required	Series

### LED DRIVERS

Product Code	mA	SELV	Dimming	Bathroom Zone	Min	Max
PLR/350 1-5	350	Yes	No	0	1	5
PLD UNI-DRIVE 350MA	350	Yes	Yes (1-10V)	2	1	10
PLU/700 3-9	700	Yes	No	1	3	9

### ACCESSORIES

Product Code	Description	
JB2 / JB4 / JB6	IP68 waterproof connectors	374-375
TUBE/50	Installation tube	220
WCR 275 BLACK	2-core rubber cable	375
PDC/GRID DIMMER	Grid dimmer kit for multiple fitting types	374

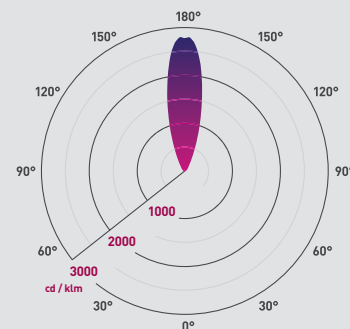
## FEATURES & BENEFITS

Can now also be used with a 700mA driver for increased light output

Robust cable for outdoor use

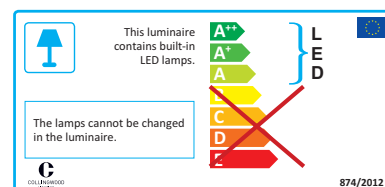
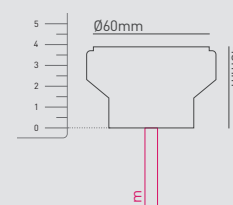
Shallow depth for easy installation

Solid brass for antique effect



Beam angle: 26°

Additional diagrams available at [collingwoodlighting.com](http://collingwoodlighting.com)





## GL016RGBW

LED colour change ground light with white LED (5W max.)

### FEATURES

IP rating	IP67	Dimmable	Yes
IK rating	IK09	LED lifetime	50,000h L50, B50
RGBW	Yes	Mounting position	Ground recessed
Walk over / drive over	Walk over (5mm toughened glass)		

### PHOTOMETRICS @ 25°C

Colour	Beam angle	Product code	W	CRI	lm	lm/W	lx at 1m
4000K	40°	GL016RGBW	1.2	>85Ra	50	42	74
Red	40°		1	-	38	38	75
Green	40°		1.2	-	63	53	124
Blue	40°		1.2	-	11	9	17

### INSTALLATION INFORMATION

Cut-out size	Ø 50mm	Weight	300g
Bathroom zone	1	Construction material	Stainless steel 316
Face temperature	47°C	Ambient temperature	35°C

### WIRING INFORMATION

Cable / flying lead	2x 1m CR575RGBW (outside diameter: 7.4mm)
Type of wiring required	Series

### LED DRIVERS

Product code	mA	SELV	Dimming	Bathroom zone	Min	Max
PR3011	350	-	Yes	1	1	6

### ACCESSORIES

Product code	Description	
TUBE/50	Installation tube	220
JB7	5-pole IP68 inline connector	375
CR575RGBW	5-core PVC cable	370

### GUARANTEE / WARRANTY

5 year guarantee

### FEATURES & BENEFITS

Installation tube available

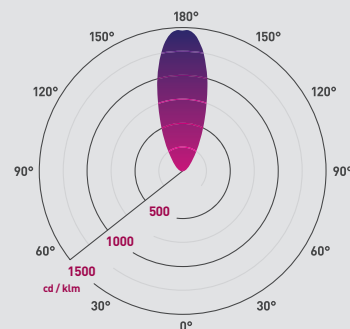
Low profile for easy installation

Full RGBW colour range

Separate white LED for permanent use

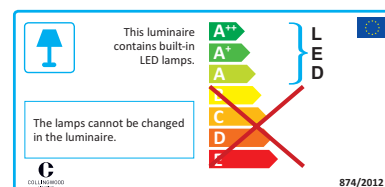
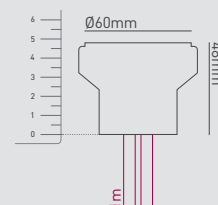
Compatible with a large range of controllers

Marine grade stainless steel for use in outdoor and indoor environments



Beam angle: 40°

Additional diagrams available at [collingwoodlighting.com](http://collingwoodlighting.com)







COLLINGWOOD  
LIGHTING



## GL016 Frosted

Frosted 1W LED Ground Light / Marker light

### FEATURES

Wattage	1W	Walk Over / Drive Over	Walk over (5mm toughened glass)
IP Rating	IP68	IK Rating	IK09
LED Lifetime	70,000h L70, B10	SDCM	3SDCM

### PHOTOMETRICS @ 25°C

Colour	Beam Angle	Product Code	CRI	lm	lm/W	lx at 1m
4000K	100°	GL016DC0F40	>80Ra	15	15	5
3000K	100°	GL016DC0F30	>80Ra	13	13	5
2700K	100°	GL016DC0F27	>80Ra	12	12	4

### INSTALLATION INFORMATION

Weight	400g	Cut-Out Size	Ø 50mm
Construction Material	Stainless steel (316)	Bathroom Zone	0
Face Temperature	<35°C	Ambient Temperature	35°C

### WIRING INFORMATION

Cable / Flying Lead	1m (H05RN-F) rubberised cable (outside diameter: 6mm)
Type of Wiring Required	Series

### LED DRIVERS

Product Code	mA	SELV	Dimming	Bathroom Zone	Min	Max
PLU/350 1-9	350	Yes	No	1	1	9
PLR/350 1-5	350	Yes	No	0	1	5
PLD UNI-DRIVE 350MA	350	Yes	Yes (1-10V)	2	1	10

### ACCESSORIES

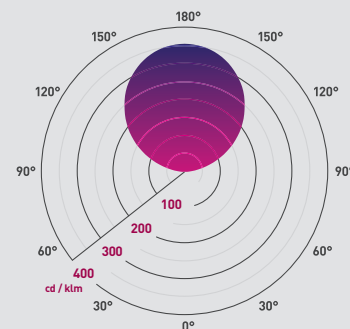
Product Code	Description	
JB2 / JB4 / JB6	IP68 waterproof connectors	374-375
TUBE/50	Installation tube	220
WCR 275 BLACK	2-core rubber cable	375
PDC/GRID DIMMER	Grid dimmer kit for multiple fitting types	374

### GUARANTEE / WARRANTY

7 year extended warranty available

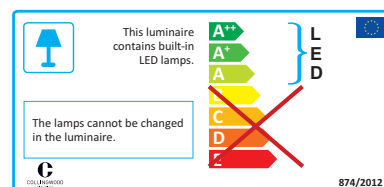
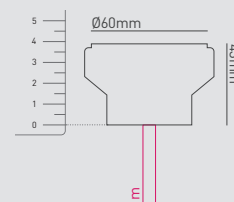
### FEATURES & BENEFITS

- Frosted effect for softer light
- Robust cable for outdoor use
- Shallow depth for easy installation



Beam angle: 100°

Additional diagrams available at [collingwoodlighting.com](http://collingwoodlighting.com)





## GL063

3-way LED marker light

### FEATURES

Wattage	3W	Walk Over / Drive Over	No
IP Rating	IP67	IK Rating	IK10
LED Lifetime	70,000h L70, B10	SDCM	3SDCM

### PHOTOMETRICS @ 25°C

Colour	Beam Angle	Product Code	CRI	lm	lm/W	lx at 1m
3000K	-	GL063	>80Ra	45	15	9
2700K	-	GL063 27	>80Ra	44	15	9

### INSTALLATION INFORMATION

Weight	1.1kg	Cut-Out Size	Ø 55mm
Construction Material	Cast stainless steel (316)	Bathroom Zone	1
Face Temperature	37°C	Ambient Temperature	35°C

### WIRING INFORMATION

Cable / Flying Lead	1m (H05RN-F) rubberised cable (outside diameter: 6mm)
Type of Wiring Required	Series

### LED DRIVERS

Product Code	mA	SELV	Dimming	Bathroom Zone	Min	Max
PLU/350 1-9	350	Yes	No	1	1	3/2
PLR/350 1-5	350	Yes	No	1	1	1
PLD UNI-DRIVE 350MA	350	Yes	Yes (1-10V)	2	1	3/2

### ACCESSORIES

Product Code	Description	
JB2 / JB4 / JB6	IP68 waterproof connectors	374-375
TUBE/68	Installation tube	220
WCR 275 BLACK	2-core rubber cable	375

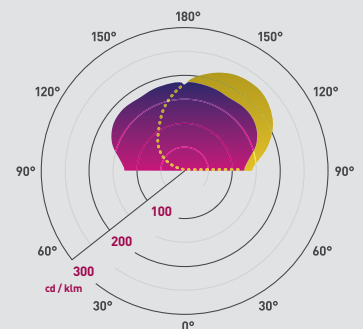
### GUARANTEE / WARRANTY

7 year extended warranty available

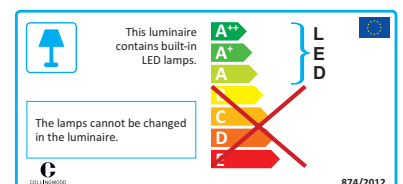
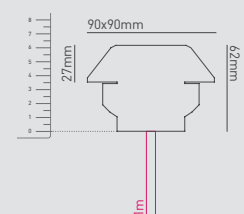
### FEATURES & BENEFITS

Cast stainless steel for aged effect

Raised profile sending light in three directions

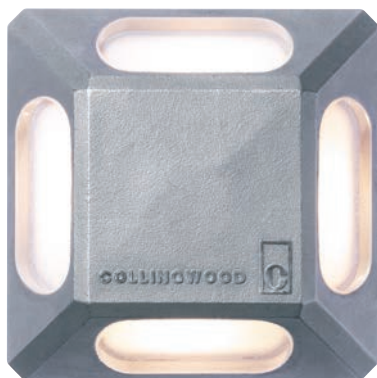


Beam angle: C0/C180 C90/C270  
Additional diagrams available at [collingwoodlighting.com](http://collingwoodlighting.com)





COLLINGWOOD  
LIGHTING



## GUARANTEE / WARRANTY

7 year extended warranty available

## GL064

4-way LED marker light

### FEATURES

Wattage	4W	Walk Over / Drive Over	No
IP Rating	IP67	IK Rating	IK10
LED Lifetime	70,000h L70, B10	SDCM	3SDCM

### PHOTOMETRICS @ 25°C

Colour	Beam Angle	Product Code	CRI	lm	lm/W	lx at 1m
3000K	-	GL064	>80Ra	65	16	9
2700K	-	GL064 27	>80Ra	63	16	9

### INSTALLATION INFORMATION

Weight	1.1kg	Cut-Out Size	Ø 55mm
Construction Material	Cast stainless steel (316)	Bathroom Zone	1
Face Temperature	37°C	Ambient Temperature	35°C

### WIRING INFORMATION

Cable / Flying Lead	1m (H05RN-F) rubberised cable (outside diameter: 6mm)
Type of Wiring Required	Series

### LED DRIVERS

Product Code	mA	SELV	Dimming	Bathroom Zone	Min	Max
PLU/350 1-9	350	Yes	No	1	1	3/2
PLR/350 1-5	350	Yes	No	1	1	1
PLD UNI-DRIVE 350MA	350	Yes	Yes (1-10V)	2	1	3/2

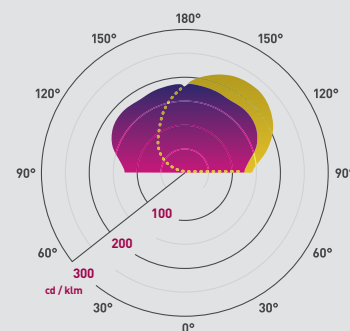
### ACCESSORIES

Product Code	Description	
JB2 / JB4 / JB6	IP68 waterproof connectors	374-375
TUBE/68	Installation tube	220
WCR 275 BLACK	2-core rubber cable	375

## FEATURES & BENEFITS

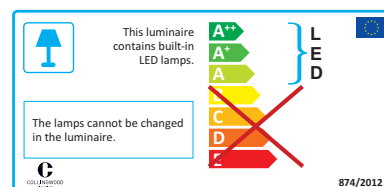
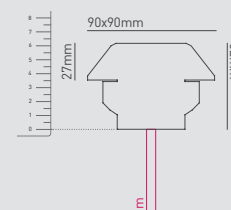
Cast stainless steel for aged effect

Raised profile sending light in four directions



### Beam angle:

Additional diagrams available at [collingwoodlighting.com](http://collingwoodlighting.com)







COLLINGWOOD  
LIGHTING



GL100DX1XX



GL100DX21XX



GL100DX22XX

## GUARANTEE / WARRANTY

7 year extended warranty available

## GL100 (1 window - 2 windows)

Mini domed ground light

### FEATURES

Wattage	1W (350mA) 2W (700mA)	Walk Over / Drive Over	Walk over
IP Rating	IP68	IK Rating	IK07
LED Lifetime	L70, B10 70,000h	SDCM	3SDCM

### PHOTOMETRICS

				350mA			700mA		
Colour	Beam Angle	Window style	Product Code	CRI	lm	lm/W	CRI	lm	lm/W
4000K	75°	1 way	GL100DX1X40	>80Ra	3	3	>80Ra	4	2
4000K	75°	2 ways 1 direction	GL100DX2140	>80Ra	6	6	>80Ra	7	4
4000K	75°	2 ways 2 directions	GL100DX2240	>80Ra	6	6	>80Ra	7	4
3000K	75°	1 way	GL100DX1X30	>80Ra	2	2	>80Ra	4	2
3000K	75°	2 ways 1 direction	GL100DX2130	>80Ra	4	4	>80Ra	8	4
3000K	75°	2 ways 2 directions	GL100DX2230	>80Ra	4	4	>80Ra	8	4
2700K	75°	1 way	GL100DX1X27	>80Ra	2	2	>80Ra	3	2
2700K	75°	2 ways 1 direction	GL100DX2127	>80Ra	4	4	>80Ra	6	3
2700K	75°	2 ways 2 directions	GL100DX2227	>80Ra	4	4	>80Ra	6	3

### INSTALLATION INFORMATION

Weight	160g	Cut-Out Size	Ø 33mm
Construction Material	Stainless steel (316)	Bathroom Zone	0
Face Temperature	<35°C	Ambient Temperature	35°C

### WIRING INFORMATION

Cable / Flying Lead	1m (H05RN-F) rubberised cable (outside diameter: 6mm)
Type of Wiring Required	Series

### LED DRIVERS

Product Code	mA	SELV	Dimming	Bathroom Zone	Min	Max
PLR/350 1-5	350	Yes	No	0	1	5
PLD UNI-DRIVE 350MA	350	Yes	Yes (1-10V)	2	1	10
PLU/700 3-9	700	Yes	No	1	3	9

### ACCESSORIES

Product Code	Description	
JB2 / JB4 / JB6	IP68 waterproof connectors	374-375
TUBE/33	Installation tube	220
PDC/GRID DIMMER	Grid dimmer kit for multiple fitting types	374

## FEATURES & BENEFITS

Walk over - perfect for foot traffic areas such as paths and steps

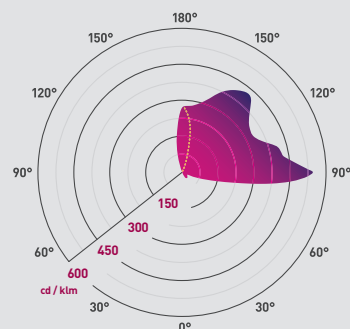
Marine-grade Stainless Steel 316

IP68

Long-lifetime of 70,000hrs

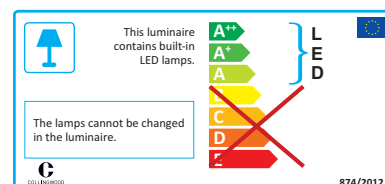
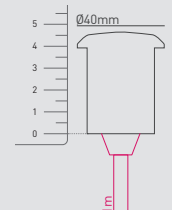
Low power consumption of 1W

5 window styles and colour temperatures to suit any installation



Beam angle: 75° C0/C180 75° C90/C270

Additional diagrams available at [collingwoodlighting.com](http://collingwoodlighting.com)





COLLINGWOOD  
LIGHTING



GL100DX3XXX



GL100DX4XXX

## GUARANTEE / WARRANTY

7 year extended warranty available

## GL100 (3 windows - 4 windows)

Mini domed ground light

### FEATURES

Wattage	1W (350mA) 2W (700mA)	Walk Over / Drive Over	Walk over
IP Rating	IP68	IK Rating	IK07
LED Lifetime	L70, B10 70,000h	SDCM	3SDCM

### PHOTOMETRICS

Colour	Beam Angle	Window style	Product Code	CRI	350mA		CRI	700mA	
					lm	lm/W		lm	lm/W
4000K	75°	3 ways	GL100DX3X40	>80Ra	9	9	>80Ra	11	5
4000K	75°	4 ways	GL100DX4X40	>80Ra	12	12	>80Ra	14	7
3000K	75°	3 ways	GL100DX3X30	>80Ra	6	6	>80Ra	12	6
3000K	75°	4 ways	GL100DX4X30	>80Ra	8	8	>80Ra	14	7
2700K	75°	3 ways	GL100DX3X27	>80Ra	6	6	>80Ra	9	5
2700K	75°	4 ways	GL100DX4X27	>80Ra	8	8	>80Ra	12	6

### INSTALLATION INFORMATION

Weight	160g	Cut-Out Size	Ø 33mm
Construction Material	Stainless steel (316)	Bathroom Zone	0
Face Temperature	<35°C	Ambient Temperature	35°C

### WIRING INFORMATION

Cable / Flying Lead	1m (H05RN-F) rubberised cable (outside diameter: 6mm)
Type of Wiring Required	Series

### LED DRIVERS

Product Code	mA	SELV	Dimming	Bathroom Zone	Min	Max
PLR/350 1-5	350	Yes	No	0	1	5
PLD UNI-DRIVE 350MA	350	Yes	Yes (1-10V)	2	1	10
PLU/700 3-9	700	Yes	No	1	3	9

### ACCESSORIES

Product Code	Description	
JB2 / JB4 / JB6	IP68 waterproof connectors	374-375
TUBE/33	Installation tube	220
PDC/GRID DIMMER	Grid dimmer kit for multiple fitting types	374

## FEATURES & BENEFITS

Walk over - perfect for foot traffic areas such as paths and steps

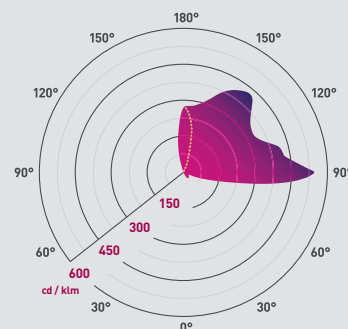
Marine-grade Stainless Steel 316

IP68

Long-lifetime of 70,000hrs

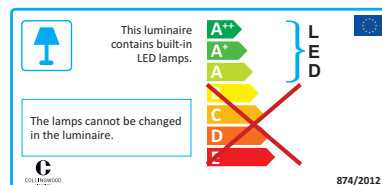
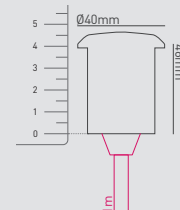
Low power consumption of 1W

5 window styles and colour temperatures to suit any installation



Beam angle: 75° C0/C180 75° C90/C270

Additional diagrams available at [collingwoodlighting.com](http://collingwoodlighting.com)





COLLINGWOOD  
LIGHTING



GL200DX1XXX



GL200DX21XX



GL200DX22XX

## GUARANTEE / WARRANTY

7 year extended warranty available

## GL200 (1 window - 2 windows)

Drive over domed ground light

### FEATURES

Wattage	5.7W	Walk Over / Drive Over	Drive over
Input	Mains	IP Rating	IP67
IK Rating	IK10	LED Lifetime	70,000h L70,B10
SDCM	3SDCM		

### PHOTOMETRICS

Colour	Beam Angle	Window style	Product Code	CRI	lm	lm/W
4000K	90°	1 way	GL200DX1X40	>80Ra	10	2
4000K	90°	2 ways 1 direction	GL200DX2140	>80Ra	20	4
4000K	90°	2 ways 2 directions	GL200DX2240	>80Ra	20	4
3000K	90°	1 way	GL200DX1X30	>80Ra	10	2
3000K	90°	2 ways 1 direction	GL200DX2130	>80Ra	20	4
3000K	90°	2 ways 2 directions	GL200DX2230	>80Ra	20	4
2700K	90°	1 way	GL200DX1X27	>80Ra	10	2
2700K	90°	2 ways 1 direction	GL200DX2127	>80Ra	20	4
2700K	90°	2 ways 2 directions	GL200DX2227	>80Ra	20	4

### INSTALLATION INFORMATION

Cut-Out Size	Ø 65mm	Inrush Current	31A 0.12ms
Bathroom Zone	2	Construction Material	Stainless steel (316)
Ambient Temperature	35°C	Face Temperature	<55°C
Weight	0.96 (1 window) 0.95 (2 windows) 0.94 (3 windows) 0.91 (4 windows)		

### WIRING INFORMATION

Cable / Flying Lead	1m H05RN-F rubberised cable (outside diameter: 7mm)
Type of Wiring Required	Parallel (mains) 220-240V AC 50/60Hz

### LED DRIVERS

Product Code	mA	Dimming	Bathroom Zone	Min	Max
N/A (integrated SELV driver)	-	No	2	-	-

### ACCESSORIES

Product Code	Description	
Installation tube (included)		
JB5	Gel filled waterproof connector	375
WC 5-9	Quick waterproof connector	374

## FEATURES & BENEFITS

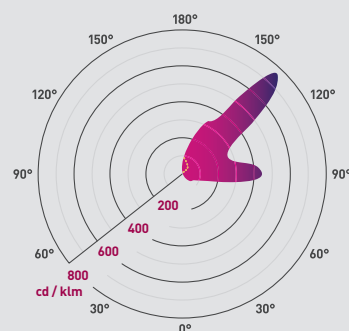
Marine-grade Stainless Steel 316

Long-lifetime of 70,000hrs

Straight to mains

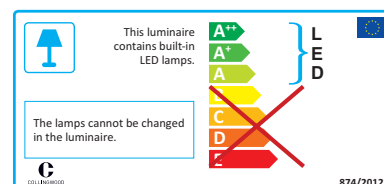
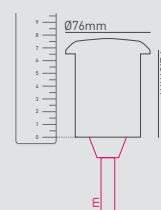
Drive-over - for use in driveways

5 window styles and colour temperatures to suit any installation



Beam angle: 75° C0/C180 75° C90/C270

Additional diagrams available at [collingwoodlighting.com](http://collingwoodlighting.com)







COLLINGWOOD  
LIGHTING



GL200DX3XXX



GL200DX4XXX

## GUARANTEE / WARRANTY

7 year extended warranty available

## GL200 (3 window - 4 windows)

Drive over domed ground light

### FEATURES

Wattage	5.7W	Walk Over / Drive Over	Drive over
Input	Mains	IP Rating	IP67
IK Rating	IK10	LED Lifetime	70,000h L70, B10
SDCM	3SDCM		

### PHOTOMETRICS

Colour	Beam Angle	Window style	Product Code	CRI	lm	lm/W
4000K	90°	3 ways	GL200DX3X40	>80Ra	30	5
4000K	90°	4 ways	GL200DX4X40	>80Ra	40	7
3000K	90°	3 ways	GL200DX3X30	>80Ra	30	5
3000K	90°	4 ways	GL200DX4X30	>80Ra	40	7
2700K	90°	3 ways	GL200DX3X27	>80Ra	30	5
2700K	90°	4 ways	GL200DX4X27	>80Ra	40	7

### INSTALLATION INFORMATION

Cut-Out Size	Ø 65mm	Inrush Current	31A 0.12ms
Bathroom Zone	2	Construction Material	Stainless steel (316)
Ambient Temperature	35°C	Face Temperature	<55°C
Weight	0.96 (1 window) 0.95 (2 windows) 0.94 (3 windows) 0.91 (4 windows)		

### WIRING INFORMATION

Cable / Flying Lead	1m H05RN-F rubberised cable (outside diameter: 7mm)
Type of Wiring Required	Parallel (mains) 220-240V AC 50/60Hz

### LED DRIVERS

Product Code	mA	Dimming	Bathroom Zone	Min	Max
N/A (intergrated SELV driver)	-	No	2	-	-

### ACCESSORIES

Product Code	Description	
Installation tube (included)		
JB5	Gel filled waterproof connector	375
WC 5-9	Quick waterproof connector	374

## FEATURES & BENEFITS

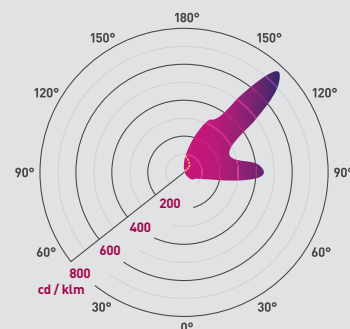
Marine-grade Stainless Steel 316

Long-lifetime of 70,000hrs

Straight to mains

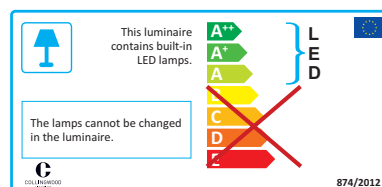
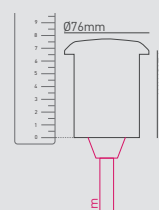
Drive-over - for use in driveways

5 window styles and colour temperatures to suit any installation



Beam angle: 75° C0/C180 75° C90/C270

Additional diagrams available at [collingwoodlighting.com](http://collingwoodlighting.com)





## GL050

3W LED ground / marker light

### FEATURES

Wattage	3W	Walk Over / Drive Over	Walk over (5mm toughened glass)
IP Rating	IP68	IK Rating	IK08
LED Lifetime	70,000h L70, B10	SDCM	3SDCM

### PHOTOMETRICS @ 25°C

Colour	Beam Angle	Product Code	CRI	lm	lm/W	lx at 1m
4000K	100°	GL050 NW	>80Ra	50	17	20
3000K	100°	GL050 WW	>80Ra	46	15	16
2700K	100°	GL050 27*	>80Ra	46	15	16
BLUE	100°	GL050 BLUE	>70Ra	95	95	267

\*Available on request, please call our team for lead times and MOQ on 01604 495 151

### INSTALLATION INFORMATION

Weight	552g	Cut-Out Size	Ø 65mm
Construction Material	Stainless steel [316]	Bathroom Zone	0
Face Temperature	<45°C	Ambient Temperature	35°C

### WIRING INFORMATION

Cable / Flying Lead	1m (H05RN-F) rubberised cable (outside diameter: 6mm)
Type of Wiring Required	Series

### LED DRIVERS

Product Code	mA	SELV	Dimming	Bathroom Zone	Min	Max
PLU/350 1-9	350	Yes	No	1	1	3
PLR/350 1-5	350	Yes	No	0	1	1
PLD UNI-DRIVE 350MA	350	Yes	Yes [1-10V]	2	1	3

### ACCESSORIES

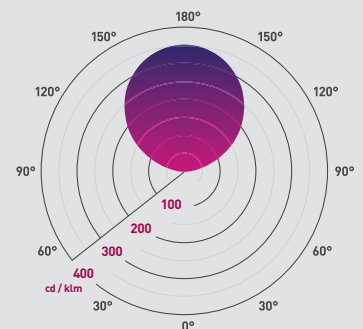
Product Code	Description	
JB2 / JB4 / JB6	IP68 waterproof connectors	374-375
TUBE/68	Installation tube	220
WCR 275 BLACK	2-core rubber cable	375
PDC/GRID DIMMER	Grid dimmer kit for multiple fitting types	374

### GUARANTEE / WARRANTY

7 year extended warranty available

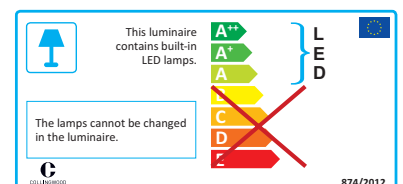
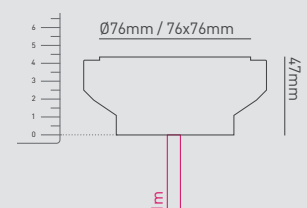
### FEATURES & BENEFITS

- Frosted effect for softer tone of light
- Robust cable for outdoor use
- Brushed steel finish for sleek effect



Beam angle: 100°

Additional diagrams available at [collingwoodlighting.com](http://collingwoodlighting.com)





COLLINGWOOD  
LIGHTING



## GL050RGBW

Colour change LED ground / marker light with white LED (5W max.)

### FEATURES

IP rating	IP67	Dimmable	Yes
IK rating	IK08	LED lifetime	50,000h L50, B50
RGBW	Yes	Mounting position	Ground recessed
Walk over / drive over	Walk over (5mm toughend glass)		

### PHOTOMETRICS @ 25°C

Colour	Beam angle	Product code	W	CRI	lm	lm/W	lx at 1m
4000K	100°	GL050RGBW	1.2	>85Ra	11	9	2
Red	100°		1	-	9	9	2
Green	100°		1.2	-	13	11	3
Blue	100°		1.2	-	2	2	1

### INSTALLATION INFORMATION

Cut-out size	Ø 65mm	Weight	800g
Bathroom zone	1	Construction material	Stainless steel 316
Face temperature	45°C	Ambient temperature	35°C

### WIRING INFORMATION

Cable / flying lead	2x 1m CR575RGBW (outside diameter: 7.4mm)
Type of wiring required	Series

### LED DRIVERS

Product code	mA	SELV	Dimming	Bathroom zone	Min	Max
PR3011	350	-	Yes	1	1	6

### ACCESSORIES

Product code	Description	
TUBE/68	Installation tube	220
JB7	5-pole IP68 inline connector	375
CR575RGBW	5-core PVC cable	370

### GUARANTEE / WARRANTY

5 year guarantee

### FEATURES & BENEFITS

Frosted glass for subtle colour change

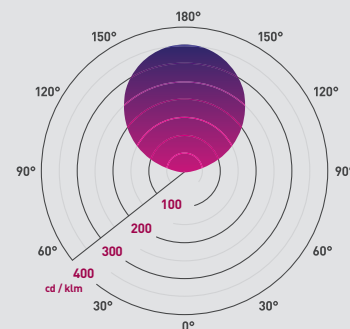
Low profile for easy installation

Full RGBW colour range

Separate white LED for permanent use

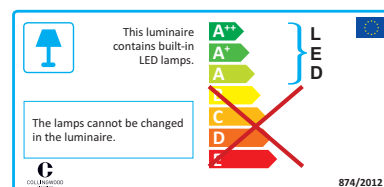
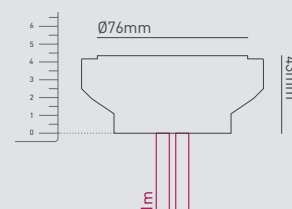
Compatible with a large range of controllers

Marine grade stainless steel for use in outdoor and indoor environments



Beam angle: 40°

Additional diagrams available at [collingwoodlighting.com](http://collingwoodlighting.com)





## GL051

Square 3W LED ground / marker light

### FEATURES

Wattage	3W	Walk Over / Drive Over	Walk over (5mm toughened glass)
IP Rating	IP68	IK Rating	IK08
LED Lifetime	70,000h L70, B10	SDCM	3SDCM

### PHOTOMETRICS @ 25°C

Colour	Beam Angle	Product Code	CRI	lm	lm/W	lx at 1m
4000K	100°	GL051 NW	>80Ra	50	17	20
3000K	100°	GL051 WW	>80Ra	46	15	16
2700K	100°	GL051 27*	>80Ra	46	15	16
Blue	100°	GL051 BLUE	>70Ra	95	95	267

\*Available on request, please call our team for lead times and MOQ on 01604 495 151

### INSTALLATION INFORMATION

Weight	600g	Cut-Out Size	Ø 65mm
Construction Material	Stainless steel [316]	Bathroom Zone	0
Face Temperature	<45°C	Ambient Temperature	35°C

### WIRING INFORMATION

Cable / Flying Lead	1m (H05RN-F) rubberised cable (outside diameter: 6mm)
Type of Wiring Required	Series

### LED DRIVERS

Product Code	mA	SELV	Dimming	Bathroom Zone	Min	Max
PLU/350 1-9	350	Yes	No	1	1	3
PLR/350 1-5	350	Yes	No	0	1	1
PLD UNI-DRIVE 350MA	350	Yes	Yes [1-10V]	2	1	3

### ACCESSORIES

Product Code	Description	
JB2 / JB4 / JB6	IP68 waterproof connectors	374-375
TUBE/68	Installation tube	220
WCR 275 BLACK	2-core rubber cable	375
PDC/GRID DIMMER	Grid dimmer kit for multiple fitting types	374

### GUARANTEE / WARRANTY

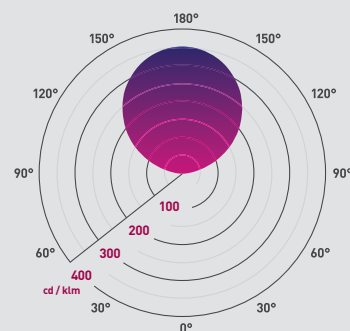
7 year extended warranty available

### FEATURES & BENEFITS

Frosted effect for softer tone of light

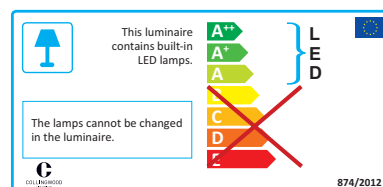
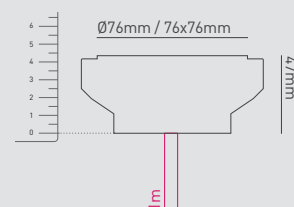
Robust cable for outdoor use

Brushed steel finish for sleek effect



Beam angle: 100°

Additional diagrams available at [collingwoodlighting.com](http://collingwoodlighting.com)







COLLINGWOOD  
LIGHTING



## GL018 C

Small LED marker light

### FEATURES

Wattage	0.5W	Walk Over / Drive Over	Walk over (5mm toughened glass)
IP Rating	IP68	IK Rating	IK07
LED Lifetime	70,000h	SDCM	3SDCM

### PHOTOMETRICS @ 25°C

Colour	Beam Angle	Product Code	CRI	lm	lm/W	lx at 1m
4000K	120°	GL018 C NW	>70Ra	3	6	1
3000K	120°	GL018 C WW	>80Ra	3	6	1
Amber	120°	GL018 C AMBER	-	-	-	-
Blue	120°	GL018 C BLUE	-	1	2	1
Green	120°	GL018 C GREEN	-	-	-	-
Red	120°	GL018 C RED	-	-	-	-

### INSTALLATION INFORMATION

Weight	300g	Cut-Out Size	Ø 28mm
Construction Material	Stainless steel (316)	Bathroom Zone	0
Face Temperature	32°C	Ambient Temperature	35°C

### WIRING INFORMATION

Cable / Flying Lead	1m (H05RN-F) rubberised cable (outside diameter: 6mm)
Type of Wiring Required	Parallel

### LED DRIVERS

Product Code	mA	SELV	Dimming	Bathroom Zone	Min	Max
PS1524	-	Yes	Yes (PDCINT1-10V)	0 (1 when dimming)	1	30
PS5024	-	Yes	Yes (PDCINT1-10V)	0 (1 when dimming)	1	100
PSDIP10024	-	Yes	Yes (1-10V)	0 (1 when dimming)	1	200

### ACCESSORIES

Product Code	Description	
JB1 / JB5 / JB6	IP68 waterproof connectors	374-375
PDC/GRID DIMMER	Grid dimmer kit for multiple fitting types	374
PDCINT1-10V	1-10V dimming interface for use with 24V LED drivers	354

### GUARANTEE / WARRANTY

1 year guarantee

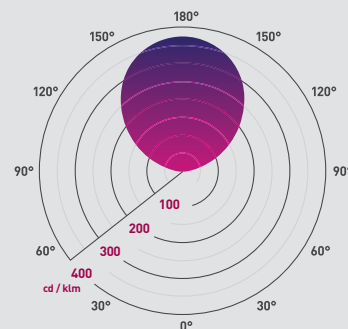
### FEATURES & BENEFITS

Frosted effect for softer tone of light

Low profile for easy installation

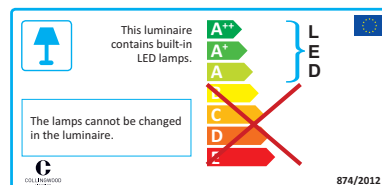
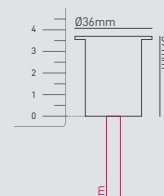
Robust cable for outdoor use

Parallel wiring for easier installation and more fittings to a power supply



Beam angle: 120°

Additional diagrams available at [collingwoodlighting.com](http://collingwoodlighting.com)





## GL018 C AB

Small antique brass LED marker light

### FEATURES

Wattage	0.5W	Walk Over / Drive Over	Walk over (5mm toughened glass)
IP Rating	IP68	IK Rating	IK07
LED Lifetime	70,000h	SDCM	3SDCM

### PHOTOMETRICS @ 25°C

Colour	Beam Angle	Product Code	CRI	lm	lm/W	lx at 1m
4000K	120°	GL018 C AB NW	>70Ra	3	6	1
3000K	120°	GL018 C AB WW	>80Ra	3	6	1
2700K	120°	GL018 C AB 27*	>80Ra	3	6	1
Amber	120°	GL018 C AB AMBER	-	-	-	-
Blue	120°	GL018 C AB BLUE	-	-	-	-
Green	120°	GL018 C AB GREEN	-	-	-	-
Red	120°	GL018 C AB RED	-	-	-	-

\*Available on request, please call our team for lead times and MOQ on 01604 495 151

### INSTALLATION INFORMATION

Weight	300g	Cut-Out Size	Ø 28mm
Construction Material	Brass	Bathroom Zone	0
Face Temperature	32°C	Ambient Temperature	35°C

### WIRING INFORMATION

Cable / Flying Lead	1m (H05RN-F) rubberised cable (outside diameter: 6mm)
Type of Wiring Required	Parallel

### LED DRIVERS

Product Code	mA	SELV	Dimming	Bathroom Zone	Min	Max
PS1524	-	Yes	Yes (PDCINT1-10V)	0 (1 when dimming)	1	30
PS5024	-	Yes	Yes (PDCINT1-10V)	0 (1 when dimming)	1	100
PSDIP10024	-	Yes	Yes (1-10V)	0 (1 when dimming)	1	200

### ACCESSORIES

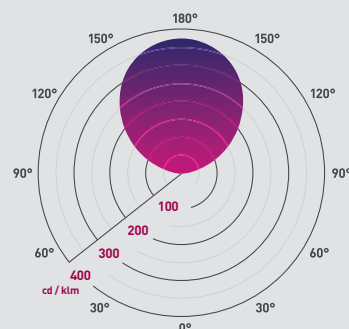
Product Code	Description	
JB1 / JB5 / JB6	IP68 waterproof connectors	374-375
PDC/GRID DIMMER	Grid dimmer kit for multiple fitting types	374
PDCINT1-10V	1-10V dimming interface for use with 24V LED drivers	354

### GUARANTEE / WARRANTY

1 year guarantee

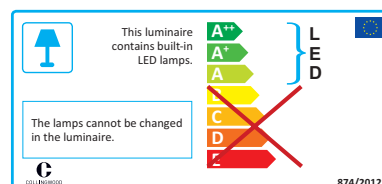
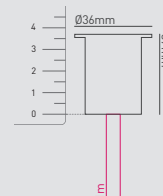
### FEATURES & BENEFITS

- Frosted effect for softer tone of light
- Robust cable for outdoor use
- Shallow depth for easy installation
- Solid brass for antique effect
- Parallel wiring for easier installation and more fittings to a power supply



Beam angle: 120°

Additional diagrams available at [collingwoodlighting.com](http://collingwoodlighting.com)





COLLINGWOOD  
LIGHTING



## GL018 SQ

Small square LED marker light

### FEATURES

Wattage	0.5W	Walk Over / Drive Over	Walk over (5mm toughened glass)
IP Rating	IP68	IK Rating	IK07
LED Lifetime	70,000h	SDCM	3SDCM

### PHOTOMETRICS @ 25°C

Colour	Beam Angle	Product Code	CRI	lm	lm/W	lx at 1m
4000K	120°	GL018 SQ NW	>70Ra	3	6	1
3000K	120°	GL018 SQ WW	>80Ra	3	6	1
2700K	120°	GL018 SQ 27	>80Ra	3	6	1
Blue	120°	GL018 SQ BLUE	-	-	-	-

\*Available on request, please call our team for lead times and MOQ on 01604 495 151

### INSTALLATION INFORMATION

Weight	300g	Cut-Out Size	Ø 28mm
Construction Material	Stainless steel (316)	Bathroom Zone	0
Face Temperature	32°C	Ambient Temperature	35°C

### WIRING INFORMATION

Cable / Flying Lead	1m (H05RN-F) rubberised cable (outside diameter: 6mm)
Type of Wiring Required	Parallel

### LED DRIVERS

Product Code	mA	SELV	Dimming	Bathroom Zone	Min	Max
PS1524	-	Yes	Yes (PDCINT1-10V)	0 (1 when dimming)	1	30
PS5024	-	Yes	Yes (PDCINT1-10V)	0 (1 when dimming)	1	100
PSDIP10024	-	Yes	Yes (1-10V)	0 (1 when dimming)	1	200

### ACCESSORIES

Product Code	Description	
JB1 / JB5 / JB6	IP68 waterproof connectors	374-375
PDC/GRID DIMMER	Grid dimmer kit for multiple fitting types	374
PDCINT1-10V	1-10V dimming interface for use with 24V LED drivers	354

### GUARANTEE / WARRANTY

1 year guarantee

### FEATURES & BENEFITS

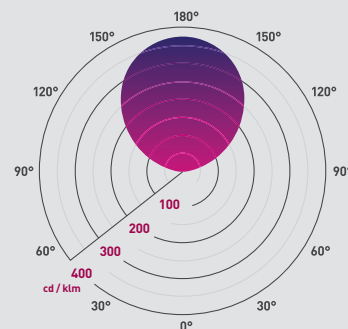
Frosted effect for softer tone of light

Low profile for easy installation

Robust cable for outdoor use

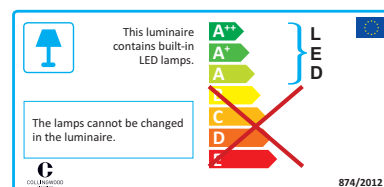
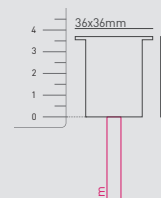
Square fascia for a different decorative effect

Parallel wiring for easier installation and more fittings to a power supply



Beam angle: 120°

Additional diagrams available at [collingwoodlighting.com](http://collingwoodlighting.com)





## GL018 T

Small panel mount LED marker light

### FEATURES

Wattage	0.5W	Walk Over / Drive Over	Walk over (5mm toughened glass)
IP Rating	IP68	IK Rating	IK07
LED Lifetime	70,000h	SDCM	3SDCM

### PHOTOMETRICS @ 25°C

Colour	Beam Angle	Product Code	CRI	lm	lm/W	lx at 1m
4000K	120°	GL018 T NW	>70Ra	3	6	1
Blue	120°	GL018 T BLUE	-	-	-	-

### INSTALLATION INFORMATION

Weight	300g	Cut-Out Size	Ø 28mm
Construction Material	Stainless steel (316)	Bathroom Zone	0
Face Temperature	32°C	Ambient Temperature	35°C

### WIRING INFORMATION

Cable / Flying Lead	1m (H05RN-F) rubberised cable (outside diameter: 6mm)
Type of Wiring Required	Parallel

### LED DRIVERS

Product Code	mA	SELV	Dimming	Bathroom Zone	Min	Max
PS1524	-	Yes	Yes (PDCINT1-10V)	0 (1 when dimming)	1	30
PS5024	-	Yes	Yes (PDCINT1-10V)	0 (1 when dimming)	1	100
PSDIP10024	-	Yes	Yes (1-10V)	0 (1 when dimming)	1	200

### ACCESSORIES

Product Code	Description	
JB1 / JB5 / JB6	IP68 waterproof connectors	374-375
PDC/GRID DIMMER	Grid dimmer kit for multiple fitting types	374
PDCINT1-10V	1-10V dimming interface for use with 24V LED drivers	354

### GUARANTEE / WARRANTY

1 year guarantee

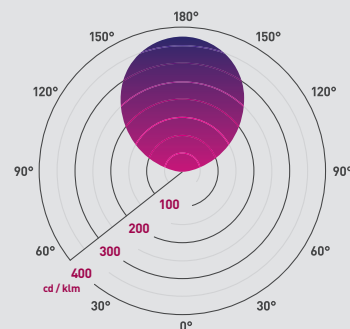
### FEATURES & BENEFITS

Frosted effect for softer tone of light

Incorporated thread and nut for secure fitting into panels, walls or ceilings

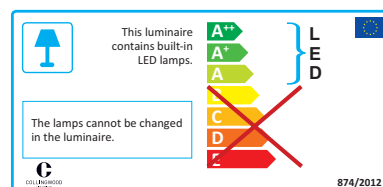
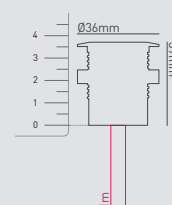
Robust cable for outdoor use

Parallel wiring for easier installation and more fittings to a power supply



Beam angle: 120°

Additional diagrams available at [collingwoodlighting.com](http://collingwoodlighting.com)







## TUBE/33 | TUBE332 | TUBE/50 | TUBE/68

Installation tubes

### FEATURES

Product code	TUBE/33 - TUBE332	(Small)
	TUBE/50	(Medium)
	TUBE/68	(Large)

### INSTALLATION INFORMATION

Construction material    Anodised aluminium

Weight	TUBE/33	157g
	TUBE332	142g
	TUBE/50	252g
	TUBE/68	362g

### USE IN CONJUNCTION WITH

TUBE/33	TUBE332	TUBE/50	TUBE/68
GL019	<b>195</b>	GL019 Ultra low glare	<b>196</b>
GL019LG	<b>197</b>	GL016	<b>202</b>
GL019SQ	<b>199</b>	GL016FAB	<b>204</b>
GL019 Frosted	<b>198</b>	GL016RGBW	<b>205</b>
GL100	<b>209-210</b>	GL016SQ	<b>203</b>
		GL016 Frosted	<b>206</b>
		GL021	<b>228</b>
		GL022	<b>229</b>
		GL040	<b>190</b>
		GL040 Ultra low glare	<b>192</b>
		GL040CARGB	<b>191</b>
		GL041	<b>193</b>
		GL050	<b>213</b>
		GL050RGBW	<b>214</b>
		GL051	<b>215</b>
		GL090	<b>188</b>
		GL090RGBW	<b>189</b>
		GL063	<b>207</b>
		GL064	<b>208</b>
		GL200	<b>211-212</b>

### GUARANTEE / WARRANTY

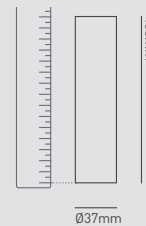
1 year guarantee

### FEATURES & BENEFITS

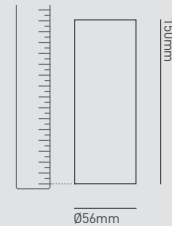
Use in concrete as shutter / formwork

Use in slabs to retain soil / sand

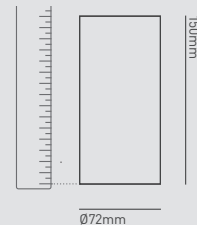
#### TUBE/33 - TUBE332



#### TUBE/50



#### TUBE/68







# STEP LIGHTS

## FUNCTIONAL & DECORATIVE

Step lights are the perfect solution for highlighting stairs and pathways. They are both functional and decorative whilst highlighting a potentially hazardous area in the dark.

### Functional step lighting

Using lighting to highlight steps improves visual aesthetics and enhances safety, whilst adding an inviting glow to your space.

Considerations should be made for maintenance and glare when positioning lighting, ensuring ultimate visual appeal and added security knowing the walkway is correctly lit.



### Low glare step lighting

The purpose of step lighting is to mark or highlight a particular area. As this type of lighting serves a functional purpose, it's important that the fittings do not cause any visual discomfort from glare.

#### Hooded

Using a hood over the light will restrict upwards light spill. This results in low visibility of the light source from above and will prevent glare to passers-by.



#### Asymmetric

An asymmetric light source will direct the light downwards, ensuring the stairway is illuminated without upwards glare, without the need of a hood. Eliminating the need for a hood allows these lights to also be used as ground lights.



## Decorative step lighting – interior and exterior

Step lights can be used to enhance your landscape, to amplify your overall lighting when entertaining and for commercial exterior lighting. Linking people and spaces together, highlighting steps can make a real difference.

Choose Collingwood's range of decorative step lighting which emit light from a decorative face-plate to transform your overall lighting design.



## Round and square fittings

Choose between round and square fittings to achieve the ideal style for your installation.



## Highlight features as a ground light

The asymmetric beam of step lights makes them great for using as a ground light that directs its light onto a feature.







COLLINGWOOD  
LIGHTING



GUARANTEE / WARRANTY

7 year extended warranty available

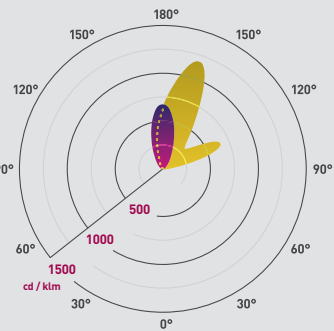
FEATURES & BENEFITS

Recessed, asymmetric wall or ground light perfect for illuminating walls, steps and pathways

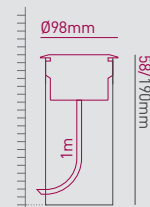
Straight to mains for easy retrofit

Available in rustic cast stainless steel and sleek brushed stainless steel finishes

Installation tube included



Beam angle: 50° C0/C180 50° C90/C270  
Additional diagrams available at [collingwoodlighting.com](http://collingwoodlighting.com)



WL339

Asymmetric, straight to mains, cast finish step light

FEATURES

Wattage	2.6W	Walk Over / Drive Over	Walk over
Input	Mains AC	IP Rating	IP67
LED Lifetime	70,000h L70, B10	SDCM	3SDCM

PHOTOMETRICS @ 25°C

Colour	Beam Angle	Product Code	CRI	lm	lm/W	lx at 1m
4000K	50°	WL339NW	>70Ra	59	22	65
3000K	50°	WL339WW	>80Ra	50	19	54
2700K	50°	WL33927*	>80Ra	49	19	52

\*Available on request, please call our team for lead times and MOQ on 01604 495 151

INSTALLATION INFORMATION

Weight	1kg	Inrush Current	9A 0.8ms
Cut-Out Size	Ø 80mm	Construction Material	Stainless steel 316
Bathroom Zone	2	Face Temperature	30°C
Ambient Temperature	35°C		

WIRING INFORMATION

Cable / Flying Lead	1m (H05RN-F) rubberised cable (outside diameter: 7mm)
Type of Wiring Required	Parallel (mains) 220-240V AC, 50-60Hz

LED DRIVERS

Product Code	mA	Dimming	Bathroom Zone	Min	Max
N/A (integrated SELV driver)	-	No	2	-	-

ACCESSORIES

Product Code	Description	
Installation tube included		
JB5	Gel filled waterproof connector	375
WC 5-9	Quick release waterproof joint	374



This luminaire contains built-in LED lamps.



The lamps cannot be changed in the luminaire.



874/2012





## WL340

Asymmetric, straight to mains, brush finish step light

### FEATURES

Wattage	2.6W	Walk Over / Drive Over	Walk over
Input	Mains AC	IP Rating	IP67
LED Lifetime	70,000h L70, B10	SDCM	3SDCM

### PHOTOMETRICS @ 25°C

Colour	Beam Angle	Product Code	CRI	lm	lm/W	lx at 1m
4000K	50°	WL340NW	>70Ra	59	22	65
3000K	50°	WL340WW	>80Ra	50	19	54
2700K	50°	WL34027*	>80Ra	49	19	52

\*Available on request, please call our team for lead times and MOQ on 01604 495 151

### INSTALLATION INFORMATION

Weight	1kg	Inrush Current	9A 0.8ms
Cut-Out Size	Ø 80mm	Construction Material	Stainless steel 316
Bathroom Zone	2	Face Temperature	30°C
Ambient Temperature	35°C		

### WIRING INFORMATION

Cable / Flying Lead	1m (H05RN-F) rubberised cable (outside diameter: 7mm)
Type of Wiring Required	Parallel (mains) 220-240V AC, 50-60Hz

### LED DRIVERS

Product Code	mA	Dimming	Bathroom Zone	Min	Max
N/A (integrated SELV driver)	-	No	2	-	-

### ACCESSORIES

Product Code	Description	
Installation tube included		
JB5	Gel filled waterproof connector	375
WC 5-9	Quick release waterproof joint	374

### GUARANTEE / WARRANTY

7 year extended warranty available

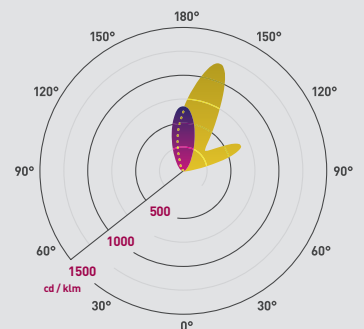
### FEATURES & BENEFITS

Recessed, asymmetric wall or ground light perfect for illuminating walls, steps and pathways

Straight to mains for easy retrofit

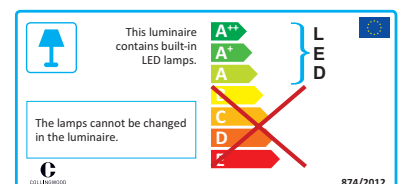
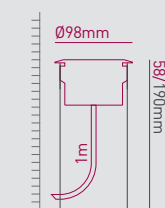
Available in rustic cast stainless steel and sleek brushed stainless steel finishes

Installation tube included



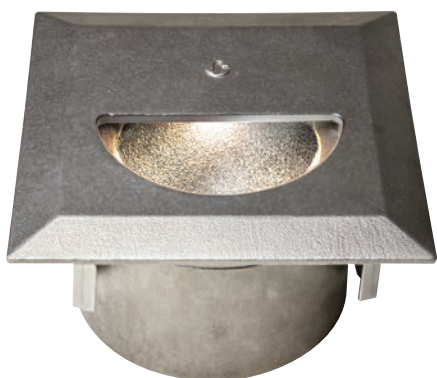
Beam angle: 50° C0/C180 50° C90/C270

Additional diagrams available at [collingwoodlighting.com](http://collingwoodlighting.com)





**COLLINGWOOD**  
LIGHTING



## WL341

Asymmetric, straight to mains, cast finish step light

### FEATURES

Wattage	2.6W	Walk Over / Drive Over	Walk over
Input	Mains AC	IP Rating	IP67
LED Lifetime	70,000h L70, B10	SDCM	3SDCM

### PHOTOMETRICS @ 25°C

Colour	Beam Angle	Product Code	CRI	lm	lm/W	lx at 1m
4000K	50°	WL341NW	>70Ra	59	22	65
3000K	50°	WL341WW	>80Ra	50	19	54
2700K	50°	WL34127*	>80Ra	49	19	52

\*Available on request, please call our team for lead times and MOQ on 01604 495 151

### INSTALLATION INFORMATION

Weight	1kg	Inrush Current	9A 0.8ms
Cut-Out Size	Ø 80mm	Construction Material	Stainless steel 316
Bathroom Zone	2	Face Temperature	30°C
Ambient Temperature	35°C		

### WIRING INFORMATION

Cable / Flying Lead	1m (H05RN-F) rubberised cable (outside diameter: 7mm)
Type of Wiring Required	Parallel (mains) 220-240V AC, 50-60Hz

### LED DRIVERS

Product Code	mA	Dimming	Bathroom Zone	Min	Max
N/A (integrated SELV driver)	-	No	2	-	-

### ACCESSORIES

Product Code	Description	
Installation tube included		
JB5	Gel filled waterproof connector	375
WC 5-9	Quick release waterproof joint	374

### GUARANTEE / WARRANTY

7 year extended warranty available

### FEATURES & BENEFITS

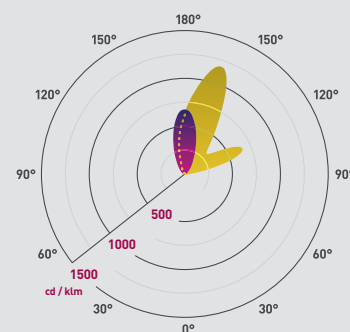
Can be used as a wall light or ground light

Straight to mains for easy installation

Installation tube included

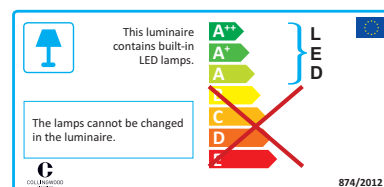
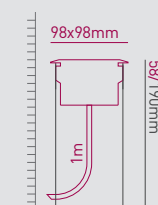
1m H05RN-F rubber cable attached for permanent use outdoors

Available in rustic cast stainless steel and sleek brushed stainless steel finishes



Beam angle: 50° C0/C180 50° C90/C270

Additional diagrams available at [collingwoodlighting.com](http://collingwoodlighting.com)





## WL342

Asymmetric, straight to mains, brush finish step light

### GUARANTEE / WARRANTY

7 year extended warranty available

### FEATURES & BENEFITS

Can be used as a wall light or ground light

Straight to mains for easy installation

Installation tube included

1m H05RN-F rubber cable attached for permanent use outdoors

Available in rustic cast stainless steel and sleek brushed stainless steel finishes

### FEATURES

Wattage	2.6W	Walk Over / Drive Over	Walk over
Input	Mains AC	IP Rating	IP67
LED Lifetime	70,000h L70, B10	SDCM	3SDCM

### PHOTOMETRICS @ 25°C

Colour	Beam Angle	Product Code	CRI	lm	lm/W	lx at 1m
4000K	50°	WL342NW	>70Ra	59	22	65
3000K	50°	WL342WW	>80Ra	50	19	54
2700K	50°	WL34227*	>80Ra	49	19	52

\*Available on request, please call our team for lead times and MOQ on 01604 495 151

### INSTALLATION INFORMATION

Weight	1kg	Inrush Current	9A 0.8ms
Cut-Out Size	Ø 80mm	Construction Material	Stainless steel 316
Bathroom Zone	2	Face Temperature	30°C
Ambient Temperature	35°C		

### WIRING INFORMATION

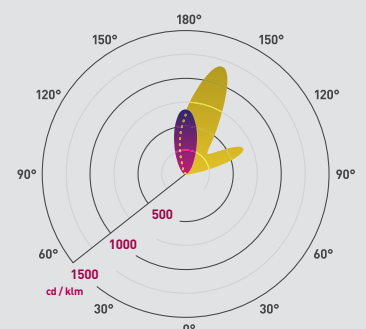
Cable / Flying Lead	1m (H05RN-F) rubberised cable (outside diameter: 7mm)
Type of Wiring Required	Parallel (mains) 220-240V AC, 50-60Hz

### LED DRIVERS

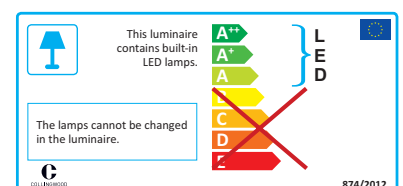
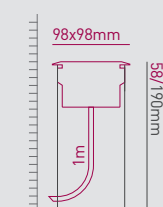
Product Code	mA	Dimming	Bathroom Zone	Min	Max
N/A (integrated SELV driver)	-	No	2	-	-

### ACCESSORIES

Product Code	Description	
Installation tube included		
JB5	Gel filled waterproof connector	375
WC 5-9	Quick release waterproof joint	374



Beam angle: 50° C0/C180 50° C90/C270  
Additional diagrams available at [collingwoodlighting.com](http://collingwoodlighting.com)







**COLLINGWOOD  
LIGHTING**



## GL021

30° slotted LED ground light

### FEATURES

Wattage	1W	Walk Over / Drive Over	Walk over
IP Rating	IP68	IK Rating	IK07
LED Lifetime	70,000h L70, B10	SDCM	3SDCM

### PHOTOMETRICS @ 25°C

Colour	Beam Angle	Product Code	CRI	lm	lm/W	lx at 1m
4000K	30°	GL021 NW	>80Ra	10	10	10
3000K	30°	GL021 WW	>80Ra	8	8	8
2700K	30°	GL021 27*	>80Ra	8	8	7
Blue	30°	GL021 BLUE	-	-	-	-

\*Available on request, please call our team for lead times and MOQ on 01604 495 151

### INSTALLATION INFORMATION

Weight	400g	Cut-Out Size	Ø 50mm
Construction Material	Stainless steel (316)	Bathroom Zone	0
Face Temperature	37°C	Ambient Temperature	35°C

### WIRING INFORMATION

Cable / Flying Lead	1m (H05RN-F) rubberised cable (outside diameter: 6mm)
Type of Wiring Required	Series

### LED DRIVERS

Product Code	mA	SELV	Dimming	Bathroom Zone	Min	Max
PLU/350 1-9	350	Yes	No	1	1	9
PLR/350 1-5	350	Yes	No	0	1	5
PLD UNI-DRIVE 350MA	350	Yes	Yes (1-10V)	2	1	10

### ACCESSORIES

Product Code	Description	
JB2 / JB4 / JB6	IP68 waterproof connectors	374-375
TUBE/50	Installation tube	220
WCR 275 BLACK	2-core rubber cable	375
PDC/GRID DIMMER	Grid dimmer kit for multiple fitting types	374

### GUARANTEE / WARRANTY

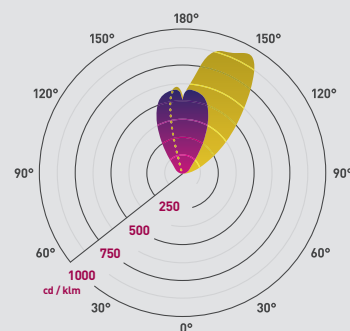
7 year extended warranty available

### FEATURES & BENEFITS

Angled light ideal for use as a step light

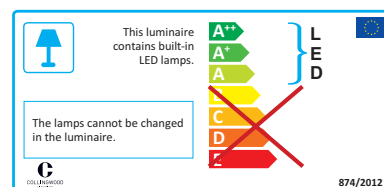
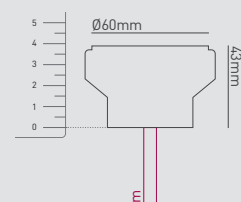
Robust cable for outdoor use

Brushed stainless steel for sleek effect



Beam angle: 30° C0/C180 30° C90/C270

Additional diagrams available at [collingwoodlighting.com](http://collingwoodlighting.com)





## GL022

Square 30° slotted LED ground light

### GUARANTEE / WARRANTY

7 year extended warranty available

### FEATURES & BENEFITS

Angled light ideal for use as a step light

Cast Stainless steel for aged effect

Robust cable for outdoor use

#### FEATURES

Wattage	1W	Walk Over / Drive Over	Walk over
IP Rating	IP68	IK Rating	IK07
LED Lifetime	70,000h L70, B10	SDCM	3SDCM

#### PHOTOMETRICS @ 25°C

Colour	Beam Angle	Product Code	CRI	lm	lm/W	lx at 1m
4000K	30°	GL022 NW	>80Ra	10	10	10
3000K	30°	GL022 WW	>80Ra	8	8	8
2700K	30°	GL022 27*	>80Ra	8	8	7
Blue	30°	GL022 BLUE	-	-	-	-

\*Available on request, please call our team for lead times and MOQ on 01604 495 151

#### INSTALLATION INFORMATION

Weight	400g	Cut-Out Size	Ø 50mm
Construction Material	Stainless steel [316]	Bathroom Zone	0
Face Temperature	37°C	Ambient Temperature	35°C

#### WIRING INFORMATION

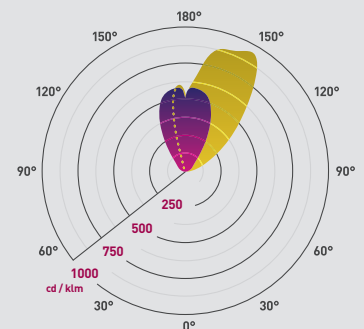
Cable / Flying Lead	1m (H05RN-F) rubberised cable (outside diameter: 6mm)
Type of Wiring Required	Series

#### LED DRIVERS

Product Code	mA	SELV	Dimming	Bathroom Zone	Min	Max
PLU/350 1-9	350	Yes	No	1	1	9
PLR/350 1-5	350	Yes	No	0	1	5
PLD UNI-DRIVE 350MA	350	Yes	Yes [1-10V]	2	1	10

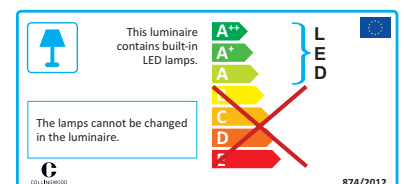
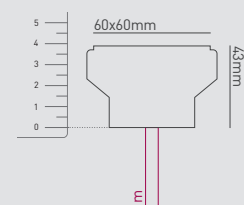
#### ACCESSORIES

Product Code	Description	
JB2 / JB4 / JB6	IP68 waterproof connectors	374-375
TUBE/50	Installation tube	220
WCR 275 BLACK	2-core rubber cable	375
PDC/GRID DIMMER	Grid dimmer kit for multiple fitting types	374



Beam angle: 30° C0/C180 30° C90/C270

Additional diagrams available at [collingwoodlighting.com](http://collingwoodlighting.com)





## GUARANTEE / WARRANTY

7 year extended warranty available

## GL034A

Straight to mains hooded LED wall / ground light

### FEATURES

Wattage	3.6W	Input	Mains AC
IP Rating	IP67	IK Rating	IK08
LED Lifetime	70,000h L70, B10	SDCM	3SDCM

### PHOTOMETRICS @ 25°C

Colour	Beam Angle	Product Code	CRI	lm	lm/W	lx at 1m
4000K	38°	GL034A NW	>80Ra	193	54	478
3000K	38°	GL034A WW	>80Ra	121	34	186
2700K	38°	GL034A 27	>80Ra	118	33	181

### INSTALLATION INFORMATION

Weight	1kg	Inrush Current	9A 0.8ms
Cut-Out Size	Ø 80-85mm	Construction Material	Stainless Steel 316 (top) / Aluminium (body)
Bathroom Zone	2	Face Temperature	40°C
Ambient Temperature	35°C		

### WIRING INFORMATION

Cable / Flying Lead	1m (H05RN-F) rubberised cable (outside diameter: 7mm)
Type of Wiring Required	Parallel (mains) 220-240V AC, 50-60Hz

### LED DRIVERS

Product Code	mA	Dimming	Bathroom Zone	Min	Max
N/A (integrated SELV driver)	-	No	2	-	-

### ACCESSORIES

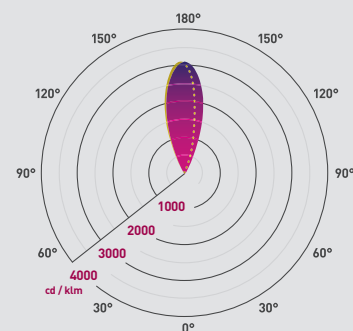
Product Code	Description	
Installation tube included		
JB5	Gel filled waterproof connector	375
WC 5-9	Quick release waterproof joint	374

## FEATURES & BENEFITS

Recessed light for wall or ground mounting with built in hood to minimise glare

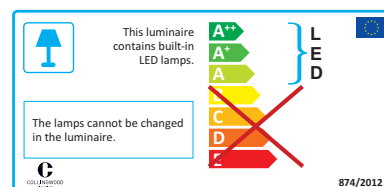
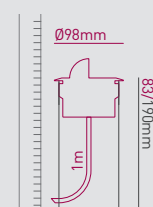
High quality stainless steel finish

Straight to mains for easy installation and retrofitting



Beam angle: 38° C0/C180 38° C90/C270

Additional diagrams available at [collingwoodlighting.com](http://collingwoodlighting.com)









# WALL LIGHTS

## TO CREATE SECURE AND ADVENTUROUS SPACES

Wall lights provide a sense of security as well as atmospheric and decorative lighting. Available in a range of styles and finishes, choose the perfect solution for your installation.

### Choose your effect and how to create it

Highlight a great piece of architecture or illuminate an entrance with Collingwood wall lights. The images below illustrate how your choice of lighting creates different effects.

#### Choose your effect:



#### Create it using:



#### WL070A

This up / down light produces a narrow and concentrated beam of light up and downwards. This is used most effectively in situations where there is a great deal of height to fully appreciate the effect of the columns of light. As a result, these fittings are great for framing doors and windows.



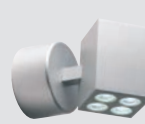
#### WL075A

The narrow and intense beam of light from this fitting will enhance the texture of the surface upon which it is mounted. This product works well on uneven stone and provides plenty of contrast between areas of light and shade.



#### MC050

This product perfectly combines practicality and drama. The wide-angle, downwards beam lights a broad area, while the narrow flume of uplight creates visual interest and a touch of glamour.



#### MC040

This clean and contemporary fitting provides a broad spread of light, which is great for lighting the threshold of any doorway. This product is also useful for providing general illumination and highlighting plant features.



#### WL060

This fitting provides a diffused decorative light from its top and a broad spread of down light which will light the threshold of a doorway. This fitting will also ensure both comfort and safety are accommodated in addition to highlighting any decorative planting positioned below.



Check out our wall light comparison video on the Collingwood Lighting YouTube channel or call 01604 495 151 to speak to our design team.

### Premium finishes

Available in a range of stylish finishes such as anodised aluminium and copper, our powerful WL220 wall lights also sport an attractive single point source LED, maximising the look and feel of the luminaires without compromising on performance. Alongside our ultra-premium solid copper finish, we've updated our range to include stainless steel 316 and anodised bronze, giving you even more choice when designing your installation.



## Framing Vs Feature lighting

With several styles and finishes available, we have the solution that creates the perfect lighting effect for your installation. Types of light effects to consider are:

### Wall grazing



#### WL175A

A direct to mains LED wall light that's suitable for decorating walls, pillars or posts with floods of light.

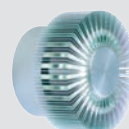
### Directional



#### WL220

Creating an effect that is both modern and elegant, this product can be rotated against a wall to select any angle of light as required, bringing that wow factor to any space.

### Decorative



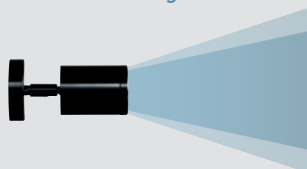
#### WL041IP

Over one hundred tiny fins produce large blades of light across walls and ceilings in a dramatic fashion. This decorative wall light is a must for any striking lighting scheme.

## Low glare hoods and snoots

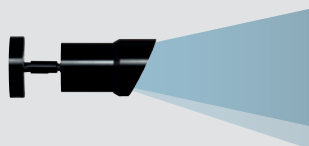
Upgrade the look and feel of your wall light installation with a simple low glare hood or snoot accessory. The accessories minimise any 'spill light' from the product to create a crisp beam of light which is low glare.

### Standard wall light



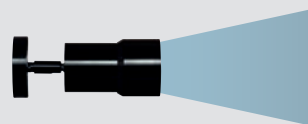
Flexible wall lighting with a high-quality fixture. Without using an accessory the beam of light has a soft halo around the measured beam angle.

### Low glare hood



A simple solution to create discreet lighting whilst optimising the light distribution. The widest part of the hood reduces the spill light from one side of the light.

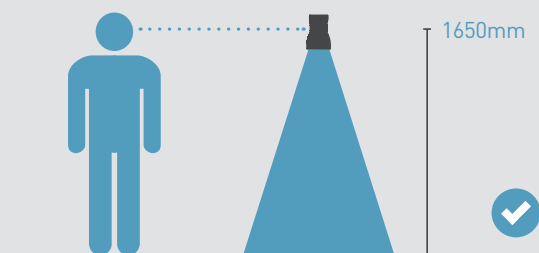
### Low glare snoot



This cylindrical snoot accentuates the style factor. Perfect for creating a moonlight effect the snoot reduces the spill light in all directions.

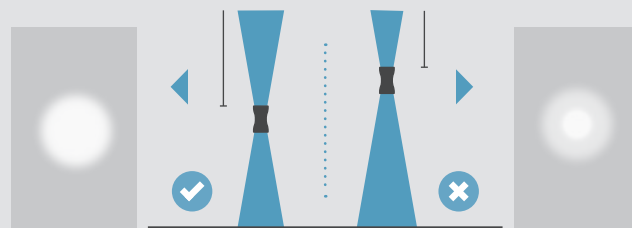
## Height of wall lights

A general rule of choosing the correct height and position for wall lights is 1650mm from floor or ground level (eye level to a person of 5ft 8in height.)



## Light positioning

To avoid hot spots when using up/down lights to frame doors and windows, ensure that they are not positioned too closely to the ceiling or other horizontal surfaces.





COLLINGWOOD  
LIGHTING



GUARANTEE / WARRANTY

7 year extended warranty available

WL070A

Silver straight to mains, up / down LED wall light

FEATURES

Wattage	8W	Input	Mains AC
IP Rating	IP65	LED Lifetime	70,000h L70, B10
SDCM	3SDCM		

PHOTOMETRICS @ 25°C

Colour	Beam Angle	Product Code	CRI	lm	lm/W	lx at 1m
4000K	18°	WL070A NW	>80Ra	472* / 236*	59	1000
3000K	18°	WL070A WW	>80Ra	400* / 200*	50	900
2700K	18°	WL070A 27*	>80Ra	390*	49	875

\*Available on request, please call our team for lead times and MOQ on 01604 495 151 \*Combined total from both sets of LED | \*Per module

INSTALLATION INFORMATION

Weight	1kg	Inrush Current	5A 0.5ms
Construction Material	Anodised aluminium	Bathroom Zone	2
Face Temperature	31°C	Ambient Temperature	39°C

WIRING INFORMATION

Cable / Flying Lead	0.3m Live, Neutral & Earth
Type of Wiring Required	Parallel (mains) 220-240V AC, 50-60Hz

LED DRIVERS

Product Code	mA	Dimming	Bathroom Zone	Min	Max
N/A (integrated SELV driver)	-	No	2	-	-

ACCESSORIES

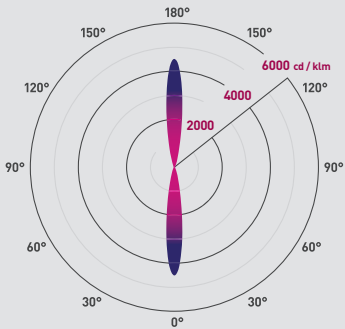
Product Code	Description
N/A	No accessories required

FEATURES & BENEFITS

Bi-directional, straight to mains wall light, perfect for framing entrances and illuminating columns

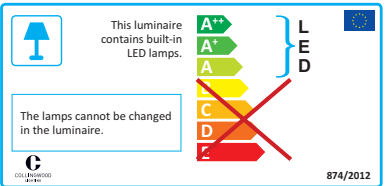
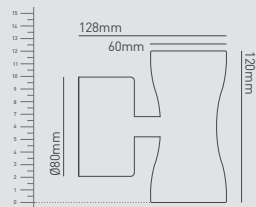
Equivalent to 35W halogen

See WL170 and WL370 for Black and Copper varieties



Beam angle: 18°

Additional diagrams available at [collingwoodlighting.com](http://collingwoodlighting.com)





## WL170A

Black straight to mains, up / down LED wall light

### FEATURES

Wattage	8W	Input	Mains AC
IP Rating	IP65	LED Lifetime	70,000h L70, B10
SDCM	3SDCM		

### PHOTOMETRICS @ 25°C

Colour	Beam Angle	Product Code	CRI	lm	lm/W	lx at 1m
4000K	18°	WL170A NW	>80Ra	472* / 236†	59	1000
3000K	18°	WL170A WW	>80Ra	400* / 200†	50	900
2700K	18°	WL170A 27*	>80Ra	390*	24	875

\*Available on request, please call our team for lead times and MOQ on 01604 495 151 †Combined total from both sets of LED | †Per module

### INSTALLATION INFORMATION

Weight	1kg	Inrush Current	5A 0.5ms
Construction Material	Anodised aluminium	Bathroom Zone	2
Face Temperature	31°C	Ambient Temperature	39°C

### WIRING INFORMATION

Cable / Flying Lead	0.3m Live, Neutral & Earth
Type of Wiring Required	Parallel (mains) 220-240V AC, 50-60Hz

### LED DRIVERS

Product Code	mA	Dimming	Bathroom Zone	Min	Max
N/A (integrated SELV driver)	-	No	2	-	-

### ACCESSORIES

Product Code	Description
N/A	No accessories required

### GUARANTEE / WARRANTY

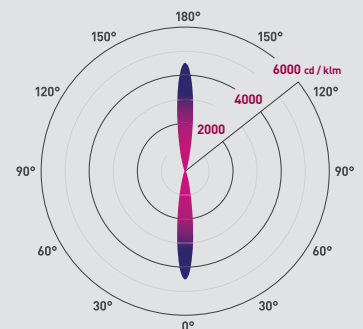
7 year extended warranty available

### FEATURES & BENEFITS

Bi-directional, straight to mains wall light, perfect for framing entrances and illuminating columns

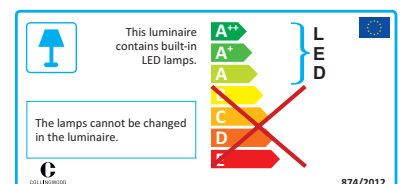
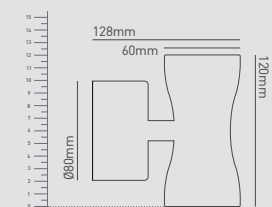
Equivalent to 35W halogen

See WL100 and WL370 for Silver and Copper varieties



Beam angle: 18°

Additional diagrams available at [collingwoodlighting.com](http://collingwoodlighting.com)







COLLINGWOOD  
LIGHTING



## WL370A

Solid Copper straight to mains, up / down LED wall light

### FEATURES

Wattage	8W	Input	Mains AC
IP Rating	IP65	LED Lifetime	70,000h L70, B10
SDCM	3SDCM		

### PHOTOMETRICS @ 25°C

Colour	Beam Angle	Product Code	CRI	lm	lm/W	lx at 1m
4000K	18°	WL370A NW	>80Ra	472* / 236†	59	1000
3000K	18°	WL370A WW	>80Ra	400* / 200†	50	900
2700K	18°	WL370A 27*	>80Ra	390†	24	875

\*Available on request, please call our team for lead times and MOQ on 01604 495 151 †Combined total from both sets of LED | ‡Per module

### INSTALLATION INFORMATION

Weight	2.5kg	Inrush Current	5A 0.5ms
Construction Material	Copper	Bathroom Zone	2
Face Temperature	31°C	Ambient Temperature	39°C

### WIRING INFORMATION

Cable / Flying Lead	0.3m Live, Neutral & Earth
Type of Wiring Required	Parallel (mains) 220-240V AC, 50-60Hz

### LED DRIVERS

Product Code	mA	Dimming	Bathroom Zone	Min	Max
N/A (integrated SELV driver)	-	No	2	-	-

### ACCESSORIES

Product Code	Description
N/A	No accessories required

### GUARANTEE / WARRANTY

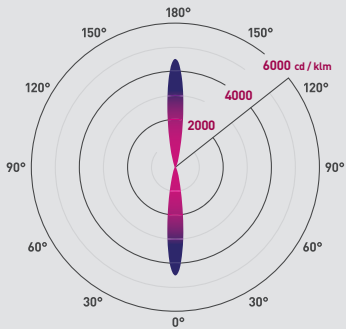
7 year extended warranty available

### FEATURES & BENEFITS

Bi-directional, straight to mains wall light, perfect for framing entrances and illuminating columns

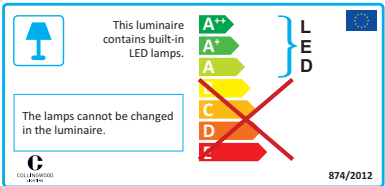
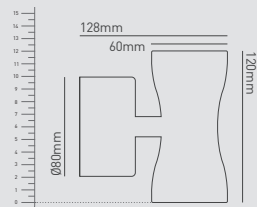
Equivalent to 35W halogen

Solid copper option gradually ages over time to offer a wonderful antique effect



Beam angle: 18°

Additional diagrams available at [collingwoodlighting.com](http://collingwoodlighting.com)





## WL070RGBW

Up / down LED colour change wall light with white LED (24W max.)

### FEATURES

IP Rating	IP65	Input	Mains
Mounting position	Wall surface	Dimmable	Yes
RGBW	Yes	LED lifetime	50,000h L50, B50

### PHOTOMETRICS @ 25°C

Colour	Beam angle	Product code	W	CRI	lm	lm/W	lx at 1m
4000K	45°	WL070RGBW	6	>80Ra	200*	67	154
Red	45°		4	-	145*	73	60
Green	45°		6	-	230*	77	168
Blue	45°		6	-	38*	13	1

\*Per module

### INSTALLATION INFORMATION

Cut-out size	72-74mm	Inrush current	0.4A 3ms
Bathroom zone	1	Construction material	Anodised aluminium
Face temperature	46°	Ambient temperature	35°
Weight	900g		

### WIRING INFORMATION

Cable / flying lead	1x 5-core ribbon cable
Type of wiring required	N/A (1 per power repeater)

### LED DRIVERS

Product code	mA	SELV	Dimming	Bathroom zone	Min	Max
PR3011	350	-	Yes	1	1	1

### ACCESSORIES

Product code	Description	
LEDRGBWEXT	Colour change Plug & Play 1m extension lead	371

### GUARANTEE / WARRANTY

5 year guarantee

### FEATURES & BENEFITS

Complete with wall fixings for easy installation

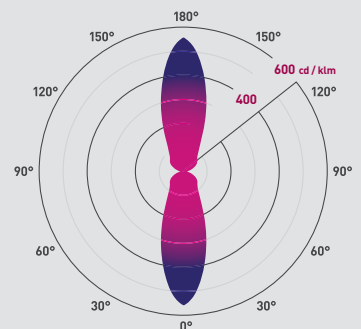
Projects light in two directions

Separate white LED for permanent use

Full RGBW colour range

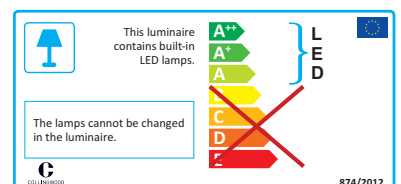
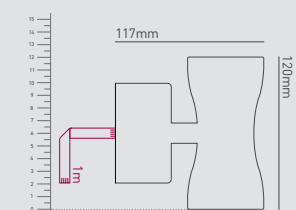
Anodised aluminium for use in outdoor and indoor environments

Compatible with a large range of controllers



Beam angle: 45°

Additional diagrams available at [collingwoodlighting.com](http://collingwoodlighting.com)





## WL060

Silver straight to mains LED halo / flood wall light

### FEATURES

Wattage	2.6W	Input	Mains AC
IP Rating	IP65	LED Lifetime	70,000h L70, B10
SDCM	3SDCM		

### PHOTOMETRICS @ 25°C

Colour	Beam Angle	Product Code	CRI	lm	lm/W	lx at 1m
4000K	110°	WL060 NW	>80Ra	82	32	46
3000K	110°	WL060 WW	>80Ra	58	22	26
2700K	110°	WL060 27*	>80Ra	56	22	25

\*Available on request, please call our team for lead times and MOQ on 01604 495 151

### INSTALLATION INFORMATION

Weight	600g	Inrush Current	9A 0.8ms
Construction Material	Anodised aluminium	Bathroom Zone	2
Face Temperature	<40°C	Ambient Temperature	40°C

### WIRING INFORMATION

Cable / Flying Lead	0.3m Live, Neutral & Earth
Type of Wiring Required	Parallel (mains) 220-240V AC, 50-60Hz

### LED DRIVERS

Product Code	mA	Dimming	Bathroom Zone	Min	Max
N/A (integrated SELV driver)	-	No	2	-	-

### ACCESSORIES

Product Code	Description
N/A	No accessories required

### GUARANTEE / WARRANTY

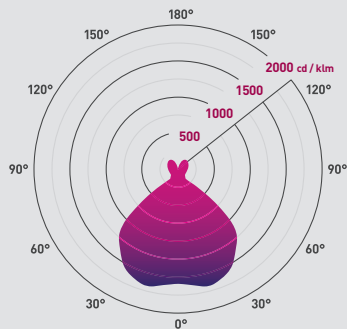
7 year extended warranty available

### FEATURES & BENEFITS

Bi-directional wall light offering decorative halo effect and functional downward flood light

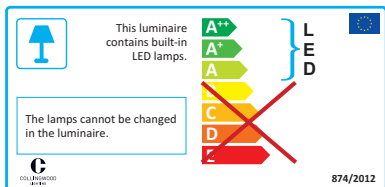
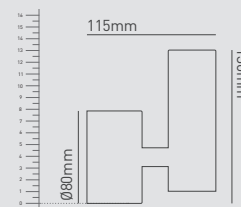
Straight to mains

Complete with wall fixings and waterproof crimp connectors



Beam angle: 110°

Additional diagrams available at [collingwoodlighting.com](http://collingwoodlighting.com)





## WL160

Black straight to mains LED halo / flood wall light

### FEATURES

Wattage	2.6W	Input	Mains AC
IP Rating	IP65	LED Lifetime	70,000h L70, B10
SDCM	3SDCM		

### PHOTOMETRICS @ 25°C

Colour	Beam Angle	Product Code	CRI	lm	lm/W	lx at 1m
4000K	110°	WL160 NW	>80Ra	82	32	46
3000K	110°	WL160 WW	>80Ra	58	22	26
2700K	110°	WL160 27*	>80Ra	56	22	25

\*Available on request, please call our team for lead times and MOQ on 01604 495 151

### INSTALLATION INFORMATION

Weight	600g	Inrush Current	9A 0.8ms
Construction Material	Anodised aluminium	Bathroom Zone	2
Face Temperature	<40°C	Ambient Temperature	40°C

### WIRING INFORMATION

Cable / Flying Lead	0.3m Live, Neutral & Earth
Type of Wiring Required	Parallel (mains) 220-240V AC, 50-60Hz

### LED DRIVERS

Product Code	mA	Dimming	Bathroom Zone	Min	Max
N/A (integrated SELV driver)	-	No	2	-	-

### ACCESSORIES

Product Code	Description
N/A	No accessories required

### GUARANTEE / WARRANTY

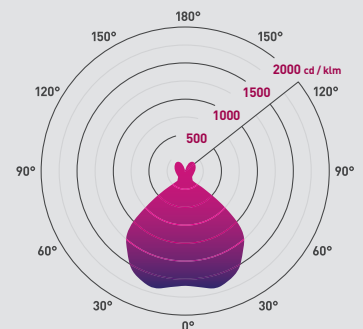
7 year extended warranty available

### FEATURES & BENEFITS

Bi-directional wall light offering decorative halo effect and functional downward flood light

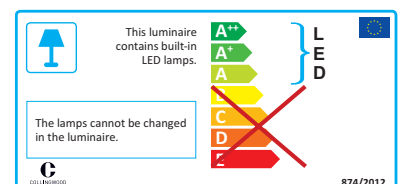
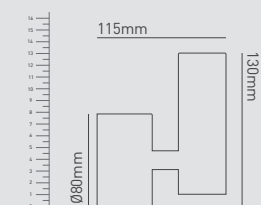
Straight to mains

Complete with wall fixings and waterproof crimp connectors



Beam angle: 110°

Additional diagrams available at [collingwoodlighting.com](http://collingwoodlighting.com)







COLLINGWOOD  
LIGHTING



### GUARANTEE / WARRANTY

7 year extended warranty available

## WL075A

Silver straight to mains, high output LED wall light

### FEATURES

Wattage	8W	Input	Mains AC
IP Rating	IP65	Dimmable	Yes
LED Lifetime	70,000h L70, B10	SDCM	3SDCM

### PHOTOMETRICS @ 25°C

Colour	Beam Angle	Product Code	CRI	lm	lm/W	lx at 1m
4000K	18°	WL075A NW	>80Ra	414	52	4680
3000K	18°	WL075A WW	>80Ra	330	41	4440
2700K	18°	WL075A 27*	>80Ra	320	40	4316

\*Available on request, please call our team for lead times and MOQ on 01604 495 151

### INSTALLATION INFORMATION

Weight	1.2kg	Inrush Current	15A 0.5ms
Construction Material	Anodised aluminium	Bathroom Zone	2
Face Temperature	<35°C	Ambient Temperature	40°C

### WIRING INFORMATION

Cable / Flying Lead	0.3m Live, Neutral & Earth
Type of Wiring Required	Parallel (mains) 220-240V AC, 50-60Hz

### LED DRIVERS

Product Code	mA	Dimming	Bathroom Zone	Min	Max
N/A (integrated SELV driver)	-	Yes	2	-	-

### ACCESSORIES

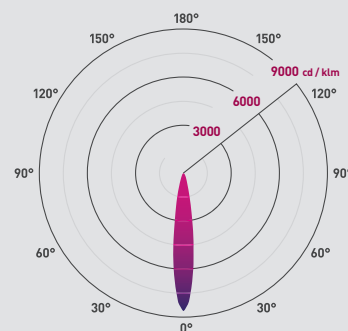
Product Code	Description
N/A	No accessories required

### FEATURES & BENEFITS

High output, narrow beam wall light perfect for creating a high contrast lit effect

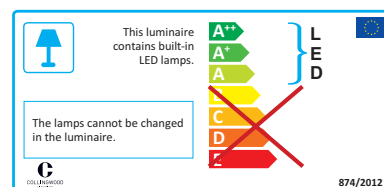
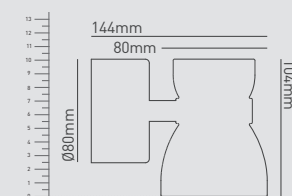
Complete with wall fixings and waterproof crimp connectors

Equivalent to 35W halogen



Beam angle: 18°

Additional diagrams available at [collingwoodlighting.com](http://collingwoodlighting.com)





## WL175A

Black straight to mains, high output LED wall light

### FEATURES

Wattage	8W	Input	Mains AC
IP Rating	IP65	Dimmable	Yes
LED Lifetime	70,000h L70, B10	SDCM	3SDCM

### PHOTOMETRICS @ 25°C

Colour	Beam Angle	Product Code	CRI	lm	lm/W	lx at 1m
4000K	18°	WL175A NW	>80Ra	414	52	4680
3000K	18°	WL175A WW	>80Ra	330	41	4440
2700K	18°	WL175A 27*	>80Ra	320	40	4316

\*Available on request, please call our team for lead times and MOQ on 01604 495 151

### INSTALLATION INFORMATION

Weight	1.2kg	Inrush Current	15A 0.5ms
Construction Material	Anodised aluminium	Bathroom Zone	2
Face Temperature	<35°C	Ambient Temperature	40°C

### WIRING INFORMATION

Cable / Flying Lead	0.3m Live, Neutral & Earth
Type of Wiring Required	Parallel (mains) 220-240V AC, 50-60Hz

### LED DRIVERS

Product Code	mA	Dimming	Bathroom Zone	Min	Max
N/A (integrated SELV driver)	-	Yes	2	-	-

### ACCESSORIES

Product Code	Description
N/A	No accessories required

### GUARANTEE / WARRANTY

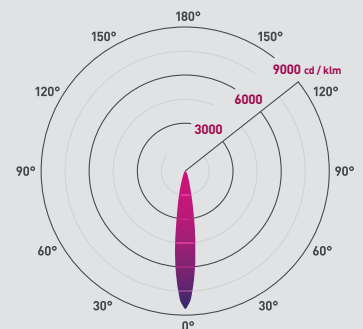
7 year extended warranty available

### FEATURES & BENEFITS

High output, narrow beam wall light perfect for creating a high contrast lit effect

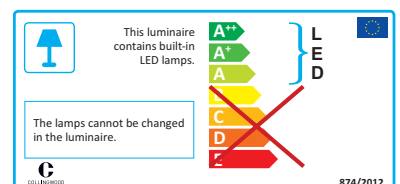
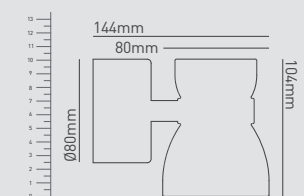
Complete with wall fixings and waterproof crimp connectors

Equivalent to 35W halogen



Beam angle: 18°

Additional diagrams available at [collingwoodlighting.com](http://collingwoodlighting.com)





COLLINGWOOD  
LIGHTING



### GUARANTEE / WARRANTY

5 year guarantee

## WL075CARGB

High output LED colour change wall light (12W max.)

### FEATURES

IP Rating	IP65	Input	Mains
Mounting position	Wall surface	Dimmable	Yes
RGB	Yes	LED lifetime	70,000h L50, B50

### PHOTOMETRICS @ 25°C

Colour	Beam angle	Product code	W	CRI	lm	lm/W	lx at 1m
Red	45°	WL075CARGB	2.4	-	65	27	41
Green	45°		3.7	-	99	27	137
Blue	45°		3.7	-	31	8	14

### INSTALLATION INFORMATION

Bathroom zone	1	Construction material	Anodised aluminium
Face temperature	34°C	Ambient temperature	35°C
Weight	1.2kg		

### WIRING INFORMATION

Cable / flying lead	2x 1m 4-core ribbon cable
Type of wiring required	Series (Plug & Play)

### LED DRIVERS

Product code	mA	SELV	Dimming	Bathroom zone	Min	Max
PR3011	350	-	Yes	1	1	2

### ACCESSORIES

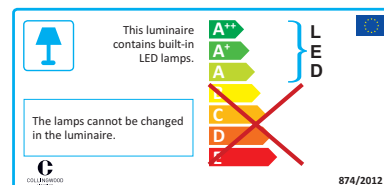
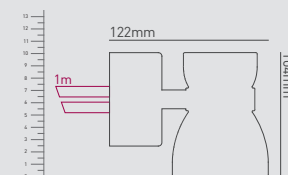
Product code	Description	
LED 3 RGB EXT	Colour change extension lead for RGB products	371

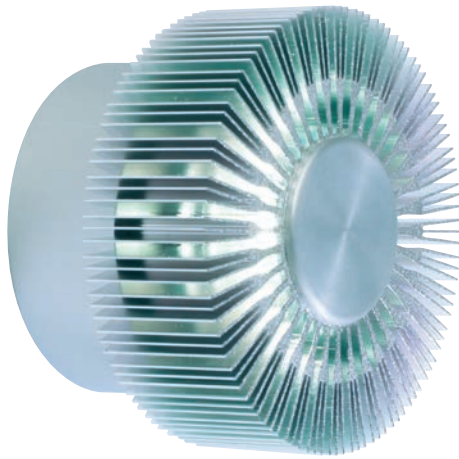
### FEATURES & BENEFITS

Complete with wall fixings for easy installation

Full RGB colour range

Anodised aluminium for use in outdoor and indoor environments





## WL041IP

Straight to mains, fan effect LED wall light

### FEATURES

Wattage	1.6W	Input	Mains AC
IP Rating	IP65	LED Lifetime	70,000h L70, B10
SDCM	3SDCM		

### PHOTOMETRICS @ 25°C

Colour	Product Code	CRI	lm	lm/W	lx at 1m
4000K	WL041 IP NW	>70Ra	37	23	8
3000K	WL041 IP WW	>80Ra	33	21	6
2700K	WL041 IP 27*	>80Ra	32	20	6
Amber	WL041 IP AMBER	-	-	-	-
Blue	WL041 IP BLUE	-	-	-	-

\*Available on request, please call our team for lead times and MOQ on 01604 495 151

### INSTALLATION INFORMATION

Weight	300g	Inrush Current	9A 0.8ms
Construction Material	Anodised aluminium	Bathroom Zone	2
Face Temperature	29°C	Ambient Temperature	35°C

### WIRING INFORMATION

Cable / Flying Lead	0.3m Live, Neutral & Earth
Type of Wiring Required	Parallel (mains) 220-240V AC, 50-60Hz

### LED DRIVERS

Product Code	mA	Dimming	Bathroom Zone	Min	Max
N/A (integrated SELV driver)	-	No	2	-	-

### ACCESSORIES

Product Code	Description
N/A	No accessories required

### GUARANTEE / WARRANTY

7 year extended warranty available

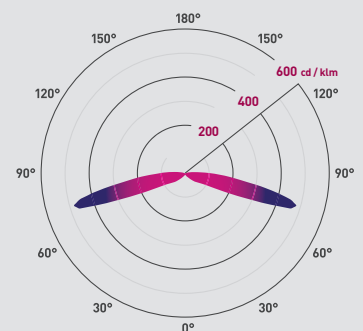
### FEATURES & BENEFITS

Unique radial appearance creates a decorative lit effect on surrounding surfaces

Can be used for interior and exterior applications

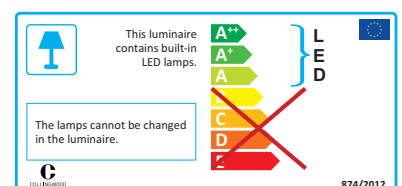
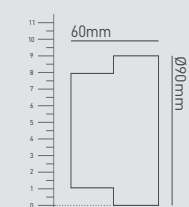
Straight to mains for easy installation

Complete with bracket and waterproof crimp connectors



#### Beam angle:

Additional diagrams available at [collingwoodlighting.com](http://collingwoodlighting.com)







**COLLINGWOOD**  
LIGHTING

Black  
WL220B

Copper  
WL220C

Stainless Steel  
WL220D

Bronze  
WL220Z



## GUARANTEE / WARRANTY

7 year extended warranty available

## WL220 MAINS

Straight to mains adjustable LED wall light

### FEATURES

Wattage	5.7W	Input	Mains AC
IP Rating	IP65	LED Lifetime	70,000h L70, B10
Tilttable	90°	Rotatable	330°
SDCM	3		

### PHOTOMETRICS @ 25°C

Colour	Beam Angle	Product Code	CRI	lm	lm/W	lx at 1m
4000K	40°	WL220ZBWM40	>80Ra	530	93	1205
4000K	40°	WL220BWBM40	>80Ra	530	93	1205
4000K	40°	WL220DWBM40	>80Ra	530	93	1205
3000K	40°	WL220ZBWM30	>80Ra	520	91	1182
3000K	40°	WL220BWBM30	>80Ra	520	91	1182
3000K	40°	WL220DWBM30	>80Ra	520	91	1182
2700K	40°	WL220ZBWM27	>80Ra	515	90	1171
2700K	40°	WL220BWBM27	>80Ra	515	90	1171
2700K	40°	WL220DWBM27	>80Ra	515	90	1171
2700K	40°	WL220CWBM27	>80Ra	515	90	1171

### INSTALLATION INFORMATION

Bathroom Zone	2	Inrush Current	60A 0.037ms
Ambient Temperature	35°C	Face Temperature	40°C
Weight	Black: 500g, Bronze: 500g, Copper: 1200g, Stainless steel: 1100g		
Construction Material	Black: anodised aluminium, Bronze: anodised aluminium Copper: solid copper, Stainless steel: stainless steel 316		

### WIRING INFORMATION

Cable / Flying Lead	0.3m Live, Neutral & Earth
Type of Wiring Required	Parallel (mains) 220-240V AC, 50-60Hz

### LED DRIVERS

Product Code	mA	Dimming	Bathroom Zone	Min	Max
N/A (integrated SELV driver)	-	No	2	-	-

### ACCESSORIES

Product Code	Description
N/A	No accessories required

## FEATURES & BENEFITS

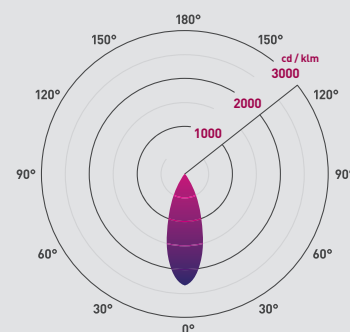
Straight to mains

High efficacy - up to 93lm/W

Improved look and feel with single LED

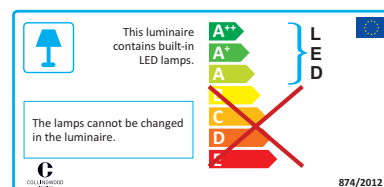
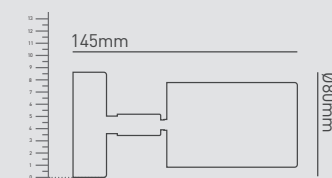
New Stainless Steel and Anodised Bronze finishes

Higher light output than predecessor



Beam angle: 40°

Additional diagrams available at [collingwoodlighting.com](http://collingwoodlighting.com)





## WL140A F

Black straight to mains adjustable LED wall light with integrated hood

### FEATURES

Wattage	8W	Input	Mains AC
IP Rating	IP65	LED Lifetime	70,000h L70, B10
Tilttable	90°	Rotatable	350°
SDCM	3SDCM		

### PHOTOMETRICS @ 25°C

Colour	Beam Angle	Product Code	CRI	lm	lm/W	lx at 1m
4000K	38°	WL140A F NW	>80Ra	520	65	1471
3000K	38°	WL140A F WW	>80Ra	413	52	1168
2700K	38°	WL140A F 27*	>80Ra	400	50	1135

\*Available on request, please call our team for lead times and MOQ on 01604 495 151

### INSTALLATION INFORMATION

Weight	700g	Inrush Current	15A 0.5ms
Construction Material	Anodised aluminium	Bathroom Zone	2
Face Temperature	36°C	Ambient Temperature	35°C

### WIRING INFORMATION

Cable / Flying Lead	0.3m Live, Neutral & Earth
Type of Wiring Required	Parallel (mains) 220-240V AC, 50-60Hz

### LED DRIVERS

Product Code	mA	Dimming	Bathroom Zone	Min	Max
N/A (integrated SELV driver)	-	Yes	2	-	-

### ACCESSORIES

Product Code	Description
N/A	No accessories required

### GUARANTEE / WARRANTY

7 year extended warranty available

### FEATURES & BENEFITS

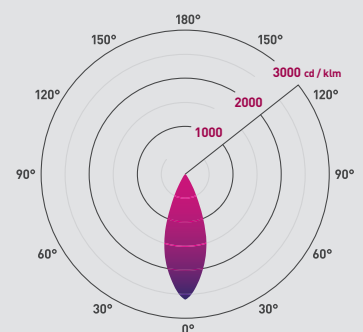
Equivalent to 50W halogen

Complete with wall fixings and waterproof crimp connectors

Adjustable angle to direct light

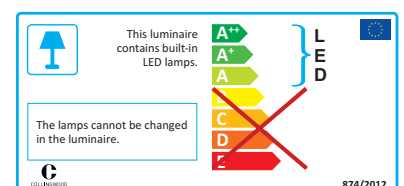
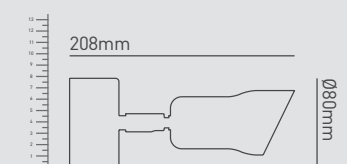
Integrated hood design to reduce glare

Suitable for indoor and outdoor use



Beam angle: 38°

Additional diagrams available at [collingwoodlighting.com](http://collingwoodlighting.com)





COLLINGWOOD  
LIGHTING



## GUARANTEE / WARRANTY

7 year extended warranty available

## WL240A F

Silver straight to mains LED wall light

### FEATURES

Wattage	8W	Input	Mains AC
IP Rating	IP65	LED Lifetime	70,000h L70, B10
Tilttable	90°	Rotatable	350°
SDCM	3SDCM		

### PHOTOMETRICS @ 25°C

Colour	Beam Angle	Product Code	CRI	lm	lm/W	lx at 1m
4000K	38°	WL240A F NW	>80Ra	520	65	1471
3000K	38°	WL240A F WW	>80Ra	413	52	1168
2700K	38°	WL240A F 27*	>80Ra	400	50	1135

\*Available on request, please call our team for lead times and MOQ on 01604 495 151

### INSTALLATION INFORMATION

Weight	700g	Inrush Current	15A 0.5ms
Construction Material	Anodised aluminium	Bathroom Zone	2
Face Temperature	36°C	Ambient Temperature	35°C

### WIRING INFORMATION

Cable / Flying Lead	0.3m Live, Neutral & Earth
Type of Wiring Required	Parallel (mains) 220-240V AC, 50-60Hz

### LED DRIVERS

Product Code	mA	Dimming	Bathroom Zone	Min	Max
N/A (integrated SELV driver)	-	Yes	2	-	-

### ACCESSORIES

Product Code	Description
N/A	No accessories required

## FEATURES & BENEFITS

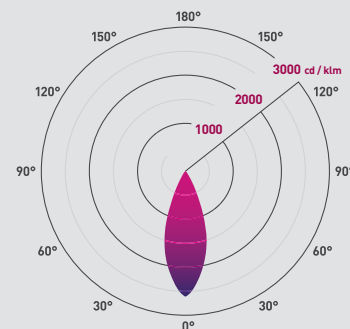
Equivalent to 50W halogen

Complete with wall fixings and waterproof crimp connectors

Adjustable angle to direct light

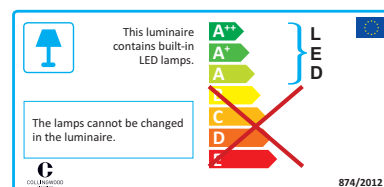
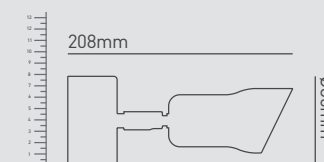
Cowl design to reduce glare

Suitable for indoor and outdoor use



Beam angle: 38°

Additional diagrams available at [collingwoodlighting.com](http://collingwoodlighting.com)





## OCTOLED

Rotatable, octagonal LED wall light

### FEATURES

Wattage	4W	IP Rating	IP65
LED Lifetime	70,000h L70, B10	Rotatable	350°
SDCM	3SDCM		

### PHOTOMETRICS @ 25°C

Colour	Beam Angle	Product Code	CRI	lm	lm/W	lx at 1m
4000K	12°	OCTOLEDNW	>70Ra	280	70	1485
3000K	12°	OCTOLEDWW	>80Ra	220	55	1466
2700K	12°	OCTOLED27*	>80Ra	214	54	1425

\*Available on request, please call our team for lead times and MOQ on 01604 495 151

### INSTALLATION INFORMATION

Weight	700g	Construction Material	Anodised aluminium
Bathroom Zone	1	Face Temperature	30°C
Ambient Temperature	35°C		

### WIRING INFORMATION

Cable / Flying Lead	0.05m (0.205mm² red & black PTFE)
Type of Wiring Required	Series

### LED DRIVERS

Product Code	mA	SELV	Dimming	Bathroom Zone	Min	Max
PLU/350 1-9	350	Yes	No	1	1	2
PLR/350 1-5	350	Yes	No	1	1	2
PLD UNI-DRIVE 350MA	350	Yes	Yes (1-10V)	2	1	2

### ACCESSORIES

Product Code	Description	
PDC/GRID DIMMER	Grid dimmer kit for multiple fitting types	374

### GUARANTEE / WARRANTY

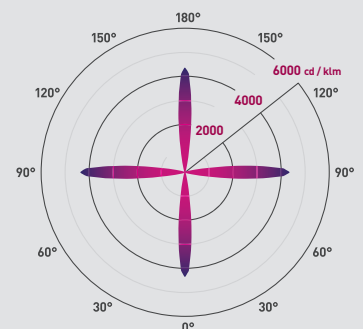
7 year extended warranty available

### FEATURES & BENEFITS

Grazes light across the surrounding surface in four directions to create a decorative lit effect

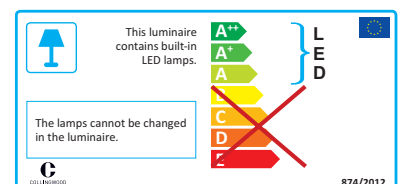
Can be rotated to direct light in desired direction

Complete with wall fixings



Beam angle: 12°

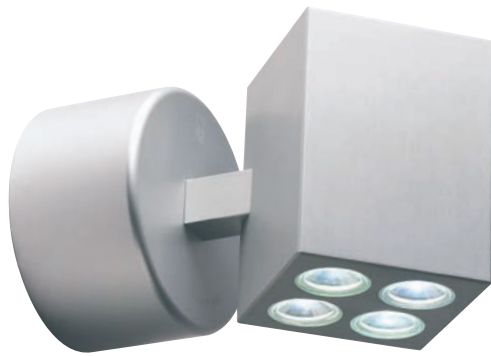
Additional diagrams available at [collingwoodlighting.com](http://collingwoodlighting.com)







COLLINGWOOD  
LIGHTING



## MC040

Straight to mains LED wall light

### FEATURES

Wattage	5W	Input	Mains AC
IP Rating	IP65	LED Lifetime	70,000h L70, B10
SDCM	3SDCM		

### PHOTOMETRICS @ 25°C

Colour	Beam Angle	Product Code	CRI	lm	lm/W	lx at 1m
4000K	110°	MC040 NW	>80Ra	312	62	163
3000K	110°	MC040 WW	>80Ra	243	48	118
2700K	110°	MC040 27*	>80Ra	236	47	158

\*Available on request, please call our team for lead times and MOQ on 01604 495 151

### INSTALLATION INFORMATION

Weight	900g	Inrush Current	9A 0.8ms
Construction Material	Anodised aluminium	Bathroom Zone	2
Face Temperature	<40°C	Ambient Temperature	35°C

### WIRING INFORMATION

Cable / Flying Lead	0.3m Live, Neutral & Earth
Type of Wiring Required	Parallel (mains) 220-240V AC, 50-60Hz

### LED DRIVERS

Product Code	mA	Dimming	Bathroom Zone	Min	Max
N/A (integrated SELV driver)	-	No	2	-	-

### ACCESSORIES

Product Code	Description
N/A	No accessories required

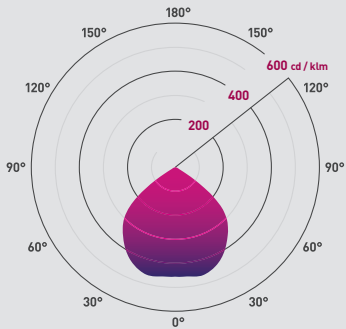
### GUARANTEE / WARRANTY

7 year extended warranty available

### FEATURES & BENEFITS

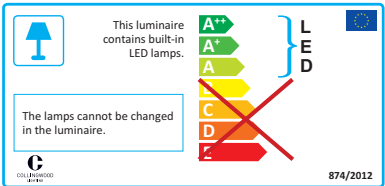
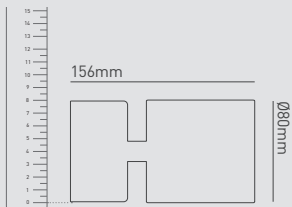
Complete with wall fixings and waterproof crimp connectors

Equivalent to 35W halogen



Beam angle: 110°

Additional diagrams available at [collingwoodlighting.com](http://collingwoodlighting.com)





## MC050

Straight to mains LED wall light with decorative effect

### FEATURES

Wattage	6.5W	Input	Mains AC
IP Rating	IP65	LED Lifetime	70,000h L70, B10
SDCM	3SDCM		

### PHOTOMETRICS @ 25°C

Colour	Beam Angle	Product Code	CRI	lm	lm/W	lx at 1m
4000K	110°	MC050 NW	>80Ra	312	48	163
3000K	110°	MC050 WW	>80Ra	243	37	118
2700K	110°	MC050 27*	>80Ra	236	36	158

\*Available on request, please call our team for lead times and MOQ on 01604 495 151

### INSTALLATION INFORMATION

Weight	900g	Inrush Current	9A 0.8ms
Construction Material	Anodised aluminium	Bathroom Zone	2
Face Temperature	<40°C	Ambient Temperature	35°C

### WIRING INFORMATION

Cable / Flying Lead	0.3m Live, Neutral & Earth
Type of Wiring Required	Parallel (mains) 220-240V AC, 50-60Hz

### LED DRIVERS

Product Code	mA	Dimming	Bathroom Zone	Min	Max
N/A (integrated SELV driver)	-	No	2	-	-

### ACCESSORIES

Product Code	Description
N/A	No accessories required

### GUARANTEE / WARRANTY

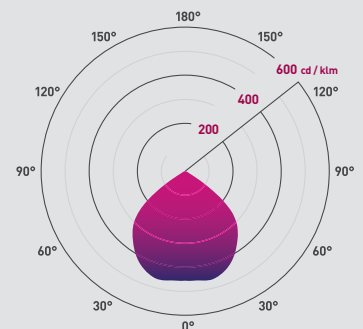
7 year extended warranty available

### FEATURES & BENEFITS

Complete with wall fixings and waterproof crimp connectors

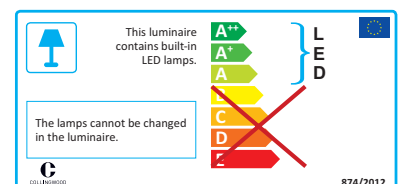
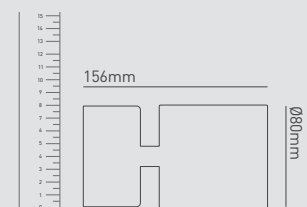
Integral LED light for decorative effect (MC050)

Equivalent to 35W halogen



Beam angle: 110°

Additional diagrams available at [collingwoodlighting.com](http://collingwoodlighting.com)





COLLINGWOOD  
LIGHTING



## WL261

Large, straight to mains, one way LED wall light

### FEATURES

Wattage	22W	Input	Mains AC
IP Rating	IP65	LED Lifetime	70,000h L70, B10
SDCM	3SDCM		

### PHOTOMETRICS @ 25°C

Colour	Beam Angle	Product Code	CRI	lm	lm/W	lx at 1m
4000K	38°	WL261FNW	>80Ra	1500	68	3786
4000K	18°	WL261SNW*	>80Ra	1500	68	11695
3000K	38°	WL261FWW	>80Ra	1350	61	3315
3000K	18°	WL261SFW*	>80Ra	1350	61	9154
2700K	38°	WL261F27*	>80Ra	1310	60	3222
2700K	18°	WL261S27*	>80Ra	1310	60	8898

\*Available on request, please call our team for lead times and MOQ on 01604 495 151

### INSTALLATION INFORMATION

Weight	5.5kg	Inrush Current	45A 0.02ms
Construction Material	Anodised aluminium	Face Temperature	44°C
Ambient Temperature	35°C		
Building Regulations	P (electrical separated) & L (conservation of energy)		

### WIRING INFORMATION

Cable / Flying Lead	Supplied with 2pc male / female IP65 connector, 5-9mm cable outer diameter
Type of Wiring Required	Parallel (mains) 220-240V AC, 50-60Hz

### LED DRIVERS

Product Code	mA	Dimming	Bathroom Zone	Min	Max
N/A (integrated SELV driver)	-	No	-	-	-

### ACCESSORIES

Product Code	Description
N/A	No accessories required

### GUARANTEE / WARRANTY

7 year extended warranty available

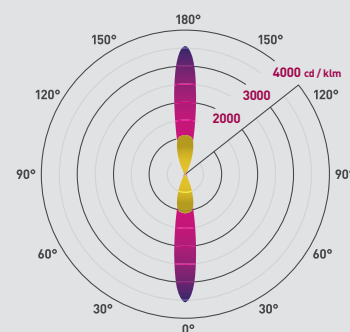
### FEATURES & BENEFITS

Supreme quality, high output, anodised wall light suitable for illuminating large exteriors

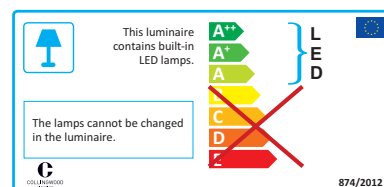
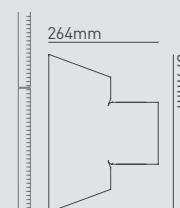
Single direction low glare fitting

IP mains connector included

Complete with wall fixings



Beam angle: 18° 38°  
Additional diagrams available at [collingwoodlighting.com](http://collingwoodlighting.com)





## WL262

Large, straight to mains up, / down LED wall light

### FEATURES

Wattage	40W	Input	Mains AC
IP Rating	IP65	LED Lifetime	70,000h L70, B10
SDCM	3SDCM		

### PHOTOMETRICS @ 25°C

Colour	Beam Angle	Product Code	CRI	lm	lm/W	lx at 1m
4000K	38°	WL262FNW	>80Ra	3000*	75	3786†
4000K	18°	WL262SNW*	>80Ra	3000*	75	11695†
3000K	38°	WL262FWW	>80Ra	2700*	68	3315†
3000K	18°	WL262SFW*	>80Ra	2700*	68	9154†
2700K	38°	WL262F27*	>80Ra	2620*	65	3222†
2700K	18°	WL262S27*	>80Ra	2620*	65	8898†

\*Available on request, please call our team for lead times and MOQ on 01604 495 151 | † Combined total from both sets of LED | ‡ Per module

### INSTALLATION INFORMATION

Weight	5.5kg	Inrush Current	45A 0.02ms
Construction Material	Anodised aluminium	Face Temperature	44°C
Ambient Temperature	35°C		
Building Regulations	P (electrical separated) & L (conservation of energy)		

### WIRING INFORMATION

Cable / Flying Lead	Supplied with 2pc male / female IP65 connector, 5-9mm cable outer diameter
Type of Wiring Required	Parallel (mains) 220-240V AC, 50-60Hz

### LED DRIVERS

Product Code	mA	Dimming	Bathroom Zone	Min	Max
N/A (integrated SELV driver)	-	No	-	-	-

### ACCESSORIES

Product Code	Description
N/A	No accessories required

### GUARANTEE / WARRANTY

7 year extended warranty available

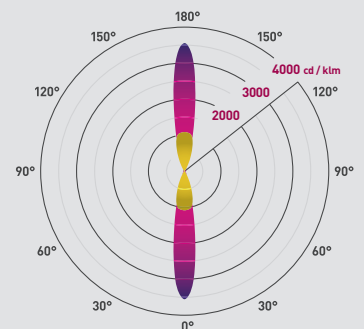
### FEATURES & BENEFITS

Supreme quality, high output, anodised wall light suitable for illuminating large exteriors

Bi-directional low glare fitting

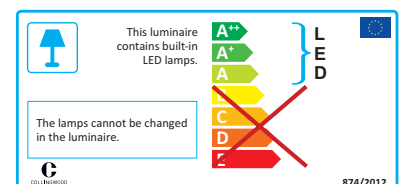
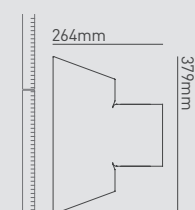
IP mains connector included

Complete with wall fixings



Beam angle: 18° 38°

Additional diagrams available at [collingwoodlighting.com](http://collingwoodlighting.com)





# POND LIGHTS

## A FLEXIBLE SOLUTION

Whether illuminating the edges of ponds or completely submerging in water, the durability of Collingwood products will suit every requirement.

### Flexibility

With a 360° rotation and 180° tilt, our pond lights provide ultimate flexibility with the ability to be pointed in any direction, illuminating the areas you want to showcase.

#### 360° rotation

This is achieved with an adjustable bracket at the base of the product.



#### 180° tiltable

Using the bracket directly attached to the product, the light can be tilted up and downwards.



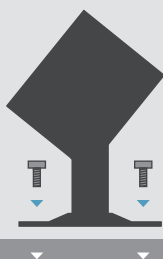
### Marine grade steel

Using stainless steel 316, our products are completely protected from the effects of rust and salt water corrosion.



### Mount anywhere

Designed with flexibility in mind, our fittings can be mounted on to most surfaces. The screw-in structure allows for attaching to a hard surface securely, where recessing a light is impossible.



### Output options

Both products have a narrow beam which means punchy illumination from a neat and compact fitting. As each installation is unique, it may require a high or low output fitting.

#### High output

The UL030 is ideal for general illumination.



#### Low output

The UL010 works well for subtle feature illumination.



### Discreet fittings

We understand the focus of lighting should be the illumination, not the fitting, which is why the flexible nature of these products ensure they are easy to conceal in a landscape.



# POND LIGHTS

## UNDERWATER LIGHTING

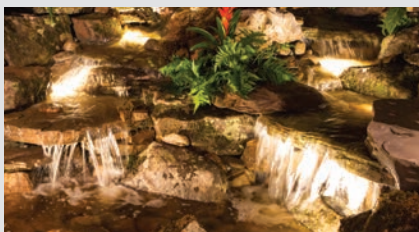
Illuminating a pond or water feature will help transform any landscape design, creating a focal point whilst also adding a layer of protection, ensuring passers-by are aware of where water is located.

### Lighting effects

A number of effects can be created when strategically lighting water and water features.

#### Backlighting waterfalls

Adding lighting to the soothing sound of a waterfall can create a calm and peaceful atmosphere.



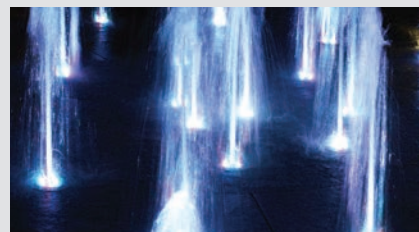
#### Reflections

Aesthetically pleasing to the eye, uplight shrubs and trees to allow unique reflections to be cast into the water.



#### Highlighting water features

Maintain maximum visual impact after the sun sets by using spot lighting to highlight water features.



### Adding depth to your landscape

Highlighting water features can add significant depth and appeal to the overall landscape design.



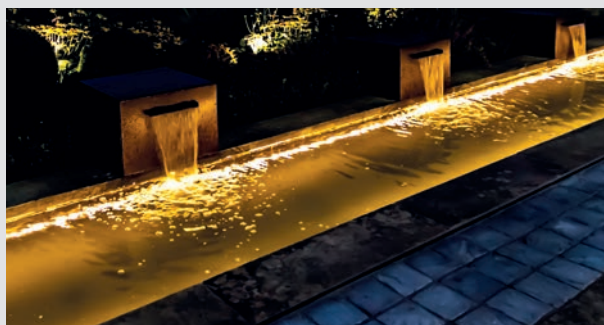
### Submersible fittings

Our Collingwood patented technology ensures that our IP68 rated pond lights are completely air tight and can be used under water.



### The ripple effect

As water moves and ripples, the light moves with it. This adds a sense of motion and fluidity to your scheme and sparks visual interest.





COLLINGWOOD  
LIGHTING



## UL030

High output universal LED light

### FEATURES

Wattage	7W	IP Rating	IP68
LED Lifetime	70,000h L70, B10	Tilttable	360°
Rotatable	360°	SDCM	3SDCM

### PHOTOMETRICS @ 25°C

Colour	Beam Angle	Product Code	CRI	lm	lm/W	lx at 1m
4000K	18°	UL030 NW	>80Ra	336	48	2710
3000K	18°	UL030 WW	>80Ra	254	36	1513
2700K	18°	UL030 27*	>80Ra	247	35	1471
Blue	18°	UL030 BL	-	-	-	-

\*Available on request, please call our team for lead times and MOQ on 01604 495 151

### INSTALLATION INFORMATION

Weight	700g	Construction Material	Stainless steel (316)
Bathroom Zone	0	Face Temperature	54°C
Ambient Temperature	35°C		

### WIRING INFORMATION

Cable / Flying Lead	3m (H05RN-F) rubberised cable (outside diameter: 6mm)
Type of Wiring Required	Series

### LED DRIVERS

Product Code	mA	SELV	Dimming	Bathroom Zone	Min	Max
PLU/700 3-9	700	Yes	No	1	1	3
PL/IP/700 1-3	700	Yes	No	0	1	1
PLD UNI-DRIVE 700mA	700	Yes	Yes (1-10V)	2	1	3

### ACCESSORIES

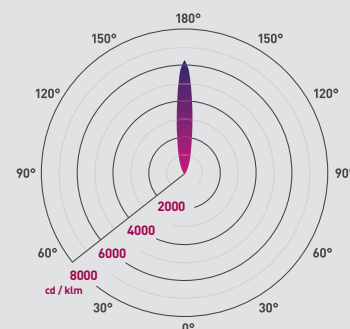
Product Code	Description	
JB2 / JB4	Waterproof junction box / Gel filled waterproof connector	374-375
PDC/GRID DIMMER	Grid dimmer kit for multiple fitting types	374
WCR 275 BLACK	2-core rubber cable	375

### GUARANTEE / WARRANTY

7 year extended warranty available

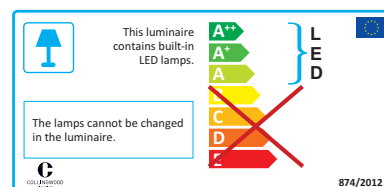
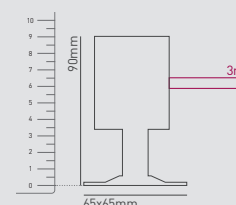
### FEATURES & BENEFITS

Complete with wall fixings  
Equivalent to 35W halogen  
Tilt & rotate for adjusting light  
Robust cable for use outdoors



Beam angle: 18°

Additional diagrams available at [collingwoodlighting.com](http://collingwoodlighting.com)





## UL030RGBW

Colour change LED light with white LED (12W max.)

### FEATURES

IP rating	IP67	Dimmable	Yes
IK rating	IK09	LED lifetime	50,000h L50, B10
Tilttable	360°	Mounting position	Surface
Rotatable	360°	RGBW	Yes

### PHOTOMETRICS @ 25°C

Colour	Beam angle	Product code	W	CRI	lm	lm/W	lx at 1m
4000K	45°	UL030RGBW	3	>80Ra	177	59	154
Red	45°		2	-	106	53	60
Green	45°		3	-	185	62	168
Blue	45°		3	-	43	14	1

### INSTALLATION INFORMATION

Bathroom zone	1	Construction material	Stainless steel (316)
Face temperature	44°C	Ambient temperature	35°C
Weight	900g		

### WIRING INFORMATION

Cable / flying lead	2x 1m CR575RGBW (outside diameter: 7.4mm)
Type of wiring required	Series

### LED DRIVERS

Product code	mA	SELV	Dimming	Bathroom zone	Min	Max
PR3011	350	-	Yes	1	1	2

### ACCESSORIES

Product code	Description	
JB7	5-pole IP68 inline connector	375
CR575RGBW	5-core PVC cable	370

### GUARANTEE / WARRANTY

5 year guarantee

### FEATURES & BENEFITS

Complete with wall fixings for easy installation

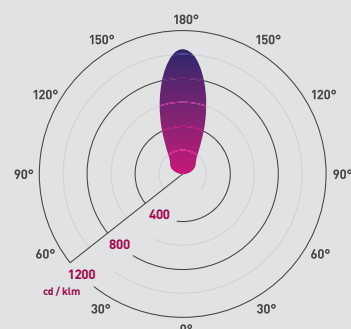
Can rotate and be angled to direct light

Separate white LED for permanent use

Full RGBW colour range

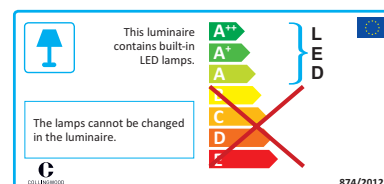
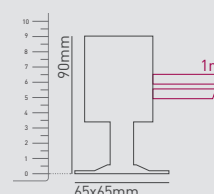
Compatible with a large range of controllers

Marine grade stainless steel for use in outdoor and indoor environments



Beam angle: 45°

Additional diagrams available at [collingwoodlighting.com](http://collingwoodlighting.com)







COLLINGWOOD  
LIGHTING



## UL010

Universal LED light

### FEATURES

Wattage	3W	IP Rating	IP68
LED Lifetime	70,000h L70, B10	Tilttable	360°
Rotatable	360°	SDCM	3SDCM

### PHOTOMETRICS @ 25°C

Colour	Beam Angle	Product Code	CRI	lm	lm/W	lx at 1m
4000K	18°	UL010 NW	>80Ra	119	40	648
3000K	18°	UL010 WW	>80Ra	95	32	411
2700K	18°	UL010 27*	>80Ra	92	31	399
Blue	18°	UL010 BL	-	-	-	-

\*Available on request, please call our team for lead times and MOQ on 01604 495 151

### INSTALLATION INFORMATION

Weight	500g	Construction Material	Stainless steel (316)
Bathroom Zone	0	Face Temperature	40°C
Ambient Temperature	35°C		

### WIRING INFORMATION

Cable / Flying Lead	3m (H05RN-F) rubberised cable (outside diameter: 6mm)
Type of Wiring Required	Series

### LED DRIVERS

Product Code	mA	SELV	Dimming	Bathroom Zone	Min	Max
PLU/700 3-9	700	Yes	No	1	3	9
PL/IP/700 1-3	700	Yes	No	0	1	3
PLD UNI-DRIVE 700mA	700	Yes	Yes (1-10V)	2	1	10

### ACCESSORIES

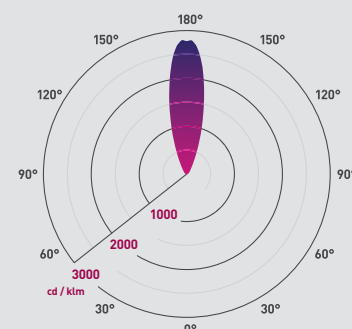
Product Code	Description	
JB2 / JB4	Waterproof junction box / Gel filled waterproof connector	374-375
PDC/GRID DIMMER	Grid dimmer kit for multiple fitting types	374
WCR 275 BLACK	2-core rubber cable	375

### GUARANTEE / WARRANTY

7 year extended warranty available

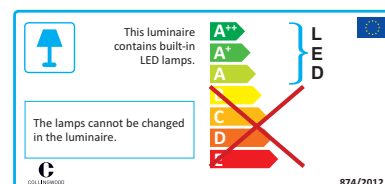
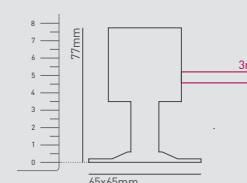
### FEATURES & BENEFITS

- Complete with wall fixings
- Robust cable for use outdoors
- Tilt & rotate for adjusting light



Beam angle: 18°

Additional diagrams available at [collingwoodlighting.com](http://collingwoodlighting.com)





## UL010RGBW

Colour change LED light with white LED (5W max.)

### FEATURES

IP rating	IP67	Dimmable	Yes
IK rating	IK09	LED lifetime	50,000h L50, B50
Tiltable	360°	Mounting position	Surface
Rotatable	360°	RGBW	Yes

### PHOTOMETRICS @ 25°C

Colour	Beam angle	Product code	W	CRI	lm	lm/W	lx at 1m
4000K	40°	UL010RGBW	1.1	>80Ra	50	45	101
Red	40°		1	-	38	38	75
Green	40°		1.1	-	63	57	124
Blue	40°		1.1	-	11	8	17

### INSTALLATION INFORMATION

Bathroom zone	1	Construction material	Stainless steel (316)
Face temperature	38°C	Ambient temperature	35°C
Weight	700g		

### WIRING INFORMATION

Cable / flying lead	2x 1m CR575RGBW (outside diameter: 7.4mm)
Type of wiring required	Series

### LED DRIVERS

Product code	mA	SELV	Dimming	Bathroom zone	Min	Max
PR3011	350	-	Yes	1	1	6

### ACCESSORIES

Product code	Description	
JB7	5-pole IP68 inline connector	375
CR575RGBW	5-core PVC cable	370

### GUARANTEE / WARRANTY

5 year guarantee

### FEATURES & BENEFITS

Complete with wall fixings for easy installation

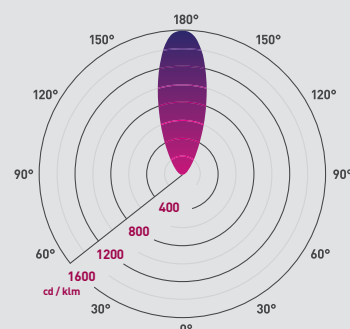
Can rotate and be angled to direct light

Separate white LED for permanent use

Full RGBW colour range

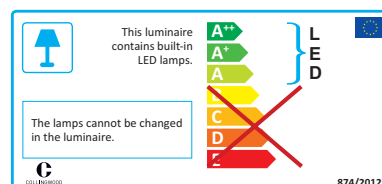
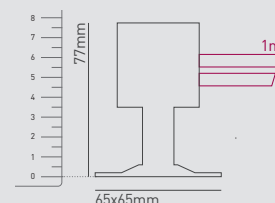
Compatible with a large range of controllers

Marine grade stainless steel for use in outdoor and indoor environments



Beam angle: 40°

Additional diagrams available at [collingwoodlighting.com](http://collingwoodlighting.com)



# FAÇADE LIGHTS

## TO CREATE EXCEPTIONALLY LIT ENVIRONMENTS

In architecture, the façade of a building is the first place a visitor will see, and sets the tone for the rest of the building. Captivate passers-by with a mesmerising wash of light over any beautiful structure.

### Choosing the right beam angle

Our façade lighting range is ideal for creating an array of effects; whether you're adding grandeur to buildings, highlighting intricate architectural features or drawing guests to an entrance, we have a solution for many applications.

#### 110° beam

This wide beam is perfect for creating a wash of light on flat surfaces or to illuminate surfaces from further away.



#### 45° beam

Some architectural features require mid-level lighting and the 45° beam is perfect for this, allowing a swathe of light to be cast across a dedicated area.

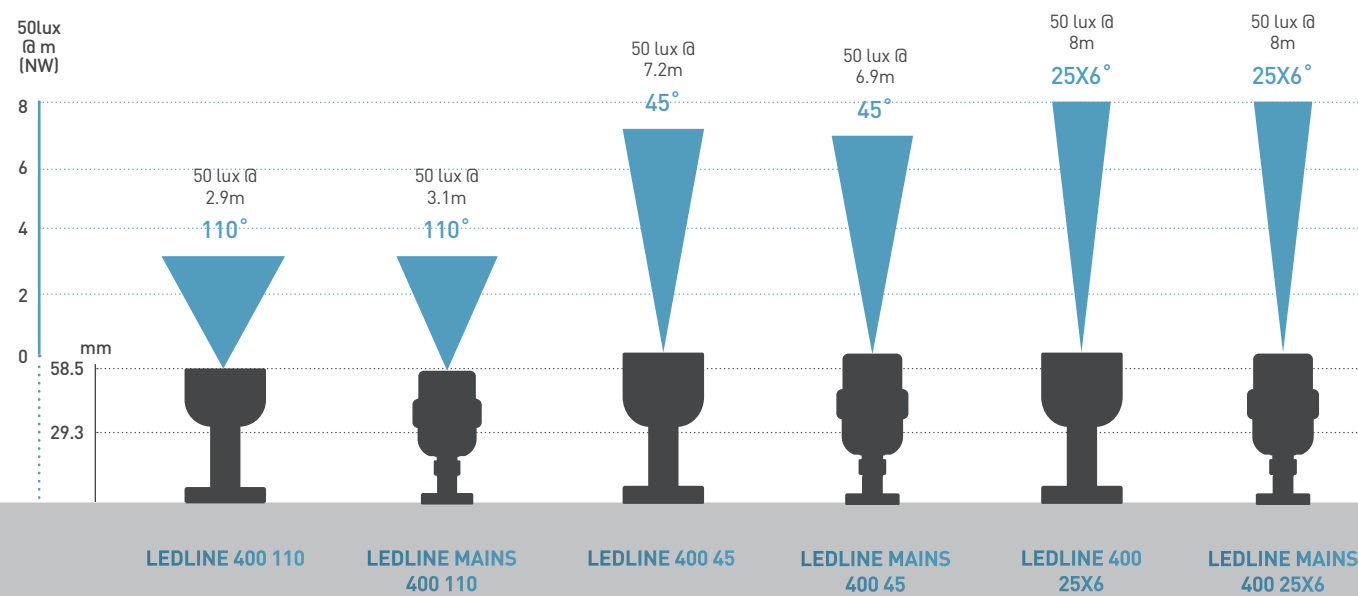


#### 25X6° beam

Choose the asymmetric 25x6° beam for a more directed beam of light, perfect for walls and entrances.



### Choose the ideal size and output



## 400 Vs 200

Choosing between a 400mm and 200mm LED light bar is very much determined by the application. Opt for a 400mm bar to illuminate larger surfaces such as walls and ledges and 200mm in narrower spaces and more complex structures. Both lengths are available in three beam angle options and three colour temperatures, offering a wide variety of suitable options for your install.

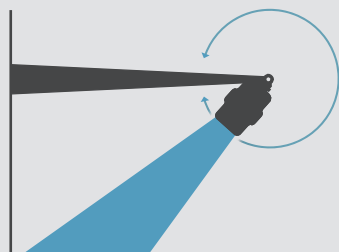


## Mains Vs 700mA

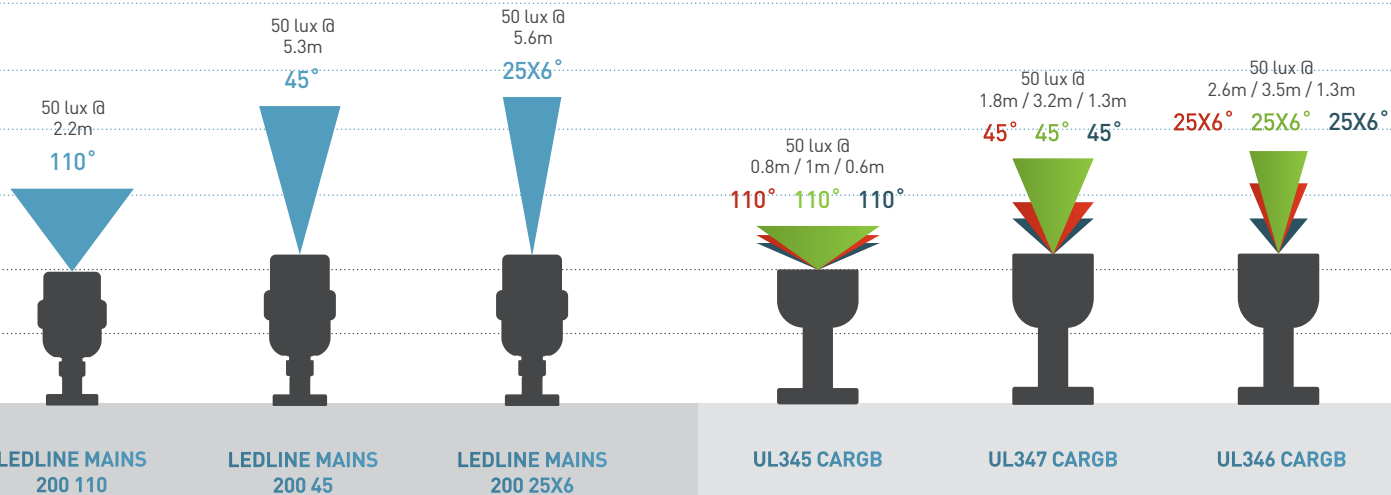
Using existing mains cables, the built-in mains driver ensures installation is quicker and easier than ever. With an IP65 rating, robust cable and 7-year extended warranty, you can rest assured that our LEDLINE range has the capability to stand the test of time.

## UL BRACKET

The UL bracket offers the ability to adjust the LEDLINE fitting to an angle of your choice; providing more options for how and where you direct the light. The bracket is perfect for directing the light back onto a façade, highlighting particular signage or features. The UL bracket must be ordered separately using the partcode: ULBRACKET



ULBRACKET







COLLINGWOOD  
LIGHTING



## GUARANTEE / WARRANTY

7 year extended warranty available

## LEDLINE 400 110°

110° LED wall washing light bar

### FEATURES

Wattage	16W	IP Rating	IP65
LED Lifetime	70,000h L70, B10	Tilttable	180°
SDCM	3SDCM		

### PHOTOMETRICS @ 25°C

Colour	Beam Angle	Product Code	CRI	lm	lm/W	lx at 1m
4000K	110°	LEDLINE 400 NW 110	>70Ra	1000	63	422
3000K	110°	LEDLINE 400 WW 110	>80Ra	750	47	316
2700K	110°	LEDLINE 400 27 110*	>80Ra	730	46	308

\*Available on request, please call our team for lead times and MOQ on 01604 495 151

### INSTALLATION INFORMATION

Weight	800g	Construction Material	Anodised aluminium
Bathroom Zone	1	Face Temperature	45°C
Ambient Temperature	40°C		

### WIRING INFORMATION

Cable / Flying Lead	3m (H05RN-F) rubberised cable (outside diameter: 6mm)
Type of Wiring Required	Series

### LED DRIVERS

Product Code	mA	SELV	Dimming	Bathroom Zone	Min	Max
PLU/700 3-9	700	Yes	No	1	1	1
PL/IP/700 3-9	700	Yes	No	1	1	1
PLD UNI-DRIVE 700MA	700	Yes	Yes (1-10V)	2	1	1

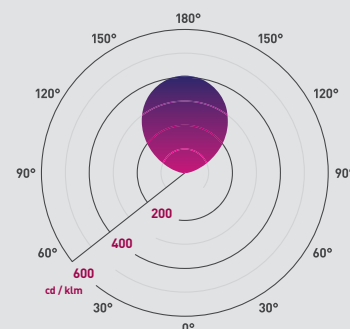
### ACCESSORIES

Product Code	Description	
JB4 / JB6	Gel filled junction box	374-375
PDC/GRID DIMMER	Grid dimmer kit for multiple fitting types	374
WCR 275 BLACK	2-core rubber cable	375
ULBRACKET	2-piece black anodised aluminium bracket	272

## FEATURES & BENEFITS

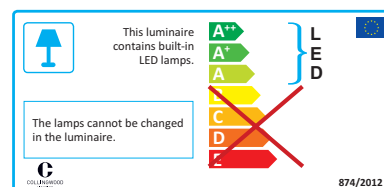
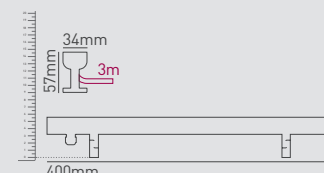
Robust cable for permanent use outdoors

Wide beam angle ideal for wall wash



Beam angle: 110°

Additional diagrams available at [collingwoodlighting.com](http://collingwoodlighting.com)





## LEDLINE MAINS 400 110°

110° straight to mains LED wall washing light bar

### GUARANTEE / WARRANTY

7 year extended warranty available

### FEATURES & BENEFITS

- Wide beam angle ideal for wall wash
- Mains driver built in for quick installation
- Robust cable for permanent use outdoors

#### FEATURES

Wattage	19W	Input	Mains AC
IP Rating	IP65	IK Rating	IK02
LED Lifetime	70,000h L70, B50	Tilttable	180°
SDCM	3SDCM		

#### PHOTOMETRICS @ 25°C

Colour	Beam Angle	Product Code	CRI	lm	lm/W	lx at 1m
4000K	110°	ULM345M40	>80Ra	1210	64	493
3000K	110°	ULM345M30	>80Ra	1320	70	537
2700K	110°	ULM345M27*	>80Ra	1200	63	489

\*Available on request, please call our team for lead times and MOQ on 01604 495 151

#### INSTALLATION INFORMATION

Weight	1.28kg	Inrush Current	2.1A 0.1ms
Construction Material	Anodised aluminium	Bathroom Zone	2
Face Temperature	<60°C	Ambient Temperature	35°C

#### WIRING INFORMATION

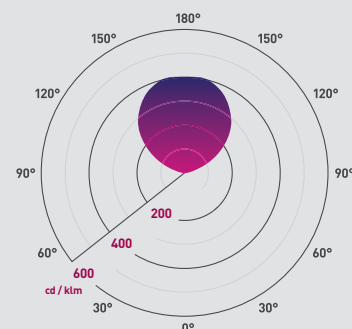
Cable / Flying Lead	3m (H05RN-F) rubberised cable (outside diameter: 7mm)
Type of Wiring Required	Parallel (mains) 220-240V AC 50/60Hz

#### LED DRIVERS

Product Code	mA	Dimming	Bathroom Zone	Min	Max
N/A (integrated SELV driver)	-	No	2	-	-

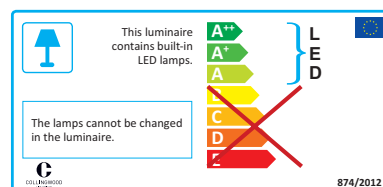
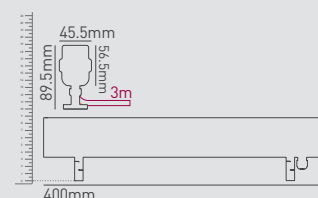
#### ACCESSORIES

Product Code	Description	
ULBRACKET	2-piece black anodised aluminium bracket	272



Beam angle: 110°

Additional diagrams available at [collingwoodlighting.com](http://collingwoodlighting.com)





## GUARANTEE / WARRANTY

5 year guarantee

## UL345CARGB

110° colour change LED wall washing light bar (12W max.)

### FEATURES

IP rating	IP65	Input	Mains
Tilttable	180°	LED lifetime	50,000h L50, B50
RGB	Yes	Mounting position	Surface

### PHOTOMETRICS @ 25°C

Colour	Beam angle	Product code	W	CRI	lm	lm/W	lx at 1m
Red	110°	UL345CARGB	4	-	96	24	20
Green	110°		4.1	-	161	39	58
Blue	110°		4.3	-	51	12	0

### INSTALLATION INFORMATION

Bathroom zone	1	Construction material	Anodised aluminium
Face temperature	28°C	Ambient temperature	35°C
Weight	700g		

### WIRING INFORMATION

Cable / flying lead	1x 3m LED RGB 0.75mm² cable (outside diameter: 6mm)
Type of wiring required	N/A (1 per power repeater)

### LED DRIVERS

Product code	mA	SELV	Dimming	Bathroom zone	Min	Max
PR3011	350	-	Yes	1	1	1

### ACCESSORIES

Product code	Description	
JB3	Colour change extension lead for RGB products	374
LED RGB 0.75 CABLE	4-core PVC cable	370
ULBRACKET	2 piece black anodised aluminium bracket	272

## FEATURES & BENEFITS

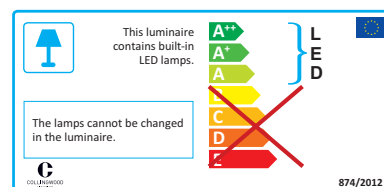
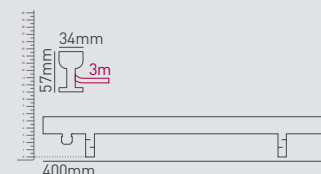
Surface mount in multiple applications

Full RGB colour range

Compatible with a large range of controllers

Anodised aluminium for use in outdoor and indoor environments

Removable feet can be used anywhere along the base or sides.  
Allen key included





## LEDLINE MAINS 200 110°

110° straight to mains LED wall washing light bar

### GUARANTEE / WARRANTY

7 year extended warranty available

### FEATURES & BENEFITS

- Wide beam angle ideal for wall wash
- Mains driver built in for quick installation
- Robust cable for permanent use outdoors

#### FEATURES

Wattage	10W	Input	Mains AC
IP Rating	IP65	IK Rating	IK02
LED Lifetime	70,000h L70, B50	Tilttable	180°
SDCM	3SDCM		

#### PHOTOMETRICS @ 25°C

Colour	Beam Angle	Product Code	CRI	lm	lm/W	lx at 1m
4000K	110°	ULS345M40	>80Ra	590	59	253
3000K	110°	ULS345M30	>80Ra	600	60	258
2700K	110°	ULS345M27*	>80Ra	580	58	249

\*Available on request, please call our team for lead times and MOQ on 01604 495 151

#### INSTALLATION INFORMATION

Weight	820g	Inrush Current	2.1A 0.1ms
Construction Material	Anodised aluminium	Bathroom Zone	2
Face Temperature	<60°C	Ambient Temperature	35°C

#### WIRING INFORMATION

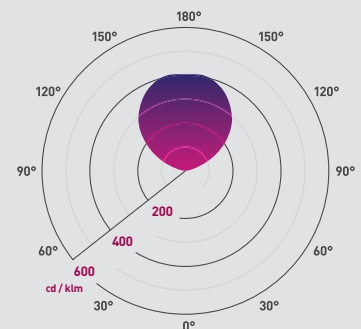
Cable / Flying Lead	3m (H05RN-F) rubberised cable (outside diameter: 7mm)
Type of Wiring Required	Parallel (mains) 220-240V AC 50/60Hz

#### LED DRIVERS

Product Code	mA	Dimming	Bathroom Zone	Min	Max
N/A (integrated SELV driver)	-	No	2	-	-

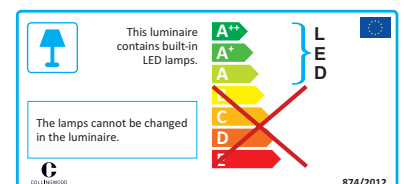
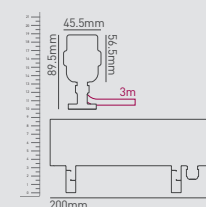
#### ACCESSORIES

Product Code	Description	
ULBRACKET	2-piece black anodised aluminium bracket	272



Beam angle: 110°

Additional diagrams available at [collingwoodlighting.com](http://collingwoodlighting.com)







COLLINGWOOD  
LIGHTING



## GUARANTEE / WARRANTY

7 year extended warranty available

## LEDLINE 400 25x6°

25x6° LED wall washing light bar

### FEATURES

Wattage	16W	IP Rating	IP65
LED Lifetime	70,000h L70, B10	Tilttable	180°
SDCM	3SDCM		

### PHOTOMETRICS @ 25°C

Colour	Beam Angle	Product Code	CRI	lm	lm/W	lx at 1m
4000K	25x6°	LEDLINE 400 NW 25X6	>70Ra	1000	63	3174
3000K	25x6°	LEDLINE 400 WW 25X6	>80Ra	750	47	2380
2700K	25x6°	LEDLINE 400 27 25X6	>80Ra	730	46	2317

### INSTALLATION INFORMATION

Weight	930g	Construction Material	Anodised aluminium
Bathroom Zone	1	Face Temperature	41°C
Ambient Temperature	40°C		

### WIRING INFORMATION

Cable / Flying Lead	3m (H05RN-F) rubberised cable (outside diameter: 6mm)
Type of Wiring Required	Series

### LED DRIVERS

Product Code	mA	SELV	Dimming	Bathroom Zone	Min	Max
PLU/700 3-9	700	Yes	No	1	1	1
PL/IP/700 3-9	700	Yes	No	1	1	1
PLD UNI-DRIVE 700MA	700	Yes	Yes (1-10V)	2	1	1

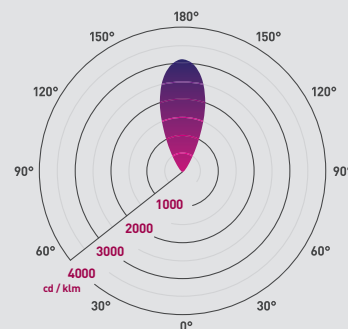
### ACCESSORIES

Product Code	Description	
JB4 / JB6	Gel filled junction box	374-375
PDC/GRID DIMMER	Grid dimmer kit for multiple fitting types	374
WCR 275 BLACK	2-core rubber cable	375
ULBRACKET	2-piece black anodised aluminium bracket	272

## FEATURES & BENEFITS

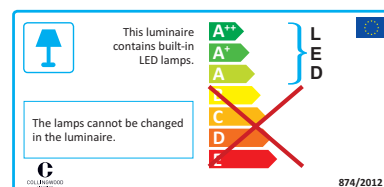
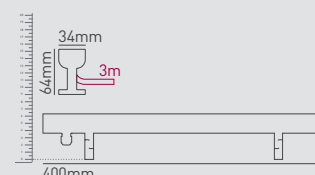
Asymmetric beam angle for distance wall wash

Robust cable for permanent use outdoors



Beam angle: 25x6°

Additional diagrams available at [collingwoodlighting.com](http://collingwoodlighting.com)





## LEDLINE MAINS 400 25x6°

25x6° straight to mains LED wall washing light bar

### GUARANTEE / WARRANTY

7 year extended warranty available

### FEATURES & BENEFITS

Asymmetric beam angle for distance wall wash

Mains driver built in for quick installation

Robust cable for permanent use outdoors

#### FEATURES

Wattage	19W	Input	Mains AC
IP Rating	IP65	IK Rating	IK02
LED Lifetime	70,000h L70, B50	Tilttable	180°
SDCM	3SDCM		

#### PHOTOMETRICS @ 25°C

Colour	Beam Angle	Product Code	CRI	lm	lm/W	lx at 1m
4000K	25x6°	ULM346M40	>80Ra	940	50	3191
3000K	25x6°	ULM346M30	>80Ra	880	46	2987
2700K	25x6°	ULM346M27*	>80Ra	860	45	2919

\*Available on request, please call our team for lead times and MOQ on 01604 495 151

#### INSTALLATION INFORMATION

Weight	1.44kg	Inrush Current	2.1A 0.1ms
Construction Material	Anodised aluminium	Bathroom Zone	2
Face Temperature	<60°C	Ambient Temperature	35°C

#### WIRING INFORMATION

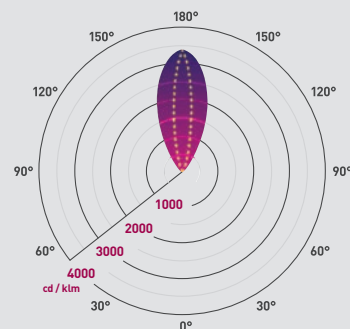
Cable / Flying Lead	3m (H05RN-F) rubberised cable (outside diameter: 7mm)
Type of Wiring Required	Parallel (mains) 220-240V AC 50/60Hz

#### LED DRIVERS

Product Code	mA	Dimming	Bathroom Zone	Min	Max
N/A (integrated SELV driver)	-	No	2	-	-

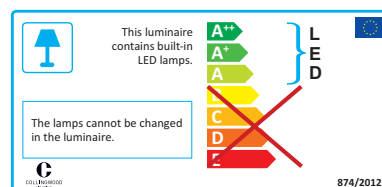
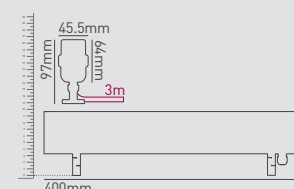
#### ACCESSORIES

Product Code	Description	
ULBRACKET	2-piece black anodised aluminium bracket	272



Beam angle: 25x6° C0/C180 C90/C270

Additional diagrams available at [collingwoodlighting.com](http://collingwoodlighting.com)





## GUARANTEE / WARRANTY

5 year guarantee

## UL346CARGB

25x6° colour change LED wall washing light bar (12W max.)

### FEATURES

IP rating	IP65	Input	Mains
Tilttable	180°	LED lifetime	50,000h L50, B50
RGB	Yes	Mounting position	Surface

### PHOTOMETRICS @ 25°C

Colour	Beam angle	Product code	W	CRI	lm	lm/W	lx at 1m
Red	25X6°	UL346CARGB	4	-	70	18	154
Green	25X6°		4.1	-	136	33	442
Blue	110°		4.3	-	23	5	10

### INSTALLATION INFORMATION

Bathroom zone	1	Construction material	Anodised aluminium
Face temperature	28°C	Ambient temperature	35°
Weight	700g		

### WIRING INFORMATION

Cable / flying lead	1x 3m LED RGB 0.75mm² cable (outside diameter: 6mm)
Type of wiring required	N/A (1 per power repeater)

### LED DRIVERS

Product code	mA	SELV	Dimming	Bathroom zone	Min	Max
PR3011	350	-	Yes	1	1	1

### ACCESSORIES

Product code	Description	
JB3	Colour change extension lead for RGB products	374
LED RGB 0.75 CABLE	4-core PVC cable	370
ULBRACKET	2 piece black anodised aluminium bracket	272

## FEATURES & BENEFITS

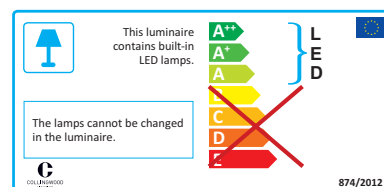
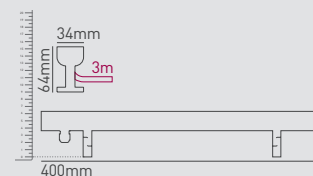
Surface mount in multiple applications

Full RGB colour range

Compatible with a large range of controllers

Anodised aluminium for use in outdoor and indoor environments

Removable feet can be used anywhere along the base or sides.  
Allen key included





## LEDLINE MAINS 200 25x6°

25x6° straight to mains LED wall washing light bar

### GUARANTEE / WARRANTY

7 year extended warranty available

### FEATURES & BENEFITS

Asymmetric beam angle for distance wall wash

Mains driver built in for quick installation

Robust cable for permanent use outdoors

#### FEATURES

Wattage	10W	Input	Mains AC
IP Rating	IP65	IK Rating	IK02
LED Lifetime	70,000h L70, B50	Tilttable	180°
SDCM	3SDCM		

#### PHOTOMETRICS @ 25°C

Colour	Beam Angle	Product Code	CRI	lm	lm/W	lx at 1m
4000K	25x6°	ULS346M40	>80Ra	490	49	1592
3000K	25x6°	ULS346M30	>80Ra	460	46	1494
2700K	25x6°	ULS346M27*	>80Ra	450	45	1462

\*Available on request, please call our team for lead times and MOQ on 01604 495 151

#### INSTALLATION INFORMATION

Weight	900g	Inrush Current	2.1A 0.1ms
Construction Material	Anodised aluminium	Bathroom Zone	2
Face Temperature	<60°C	Ambient Temperature	35°C

#### WIRING INFORMATION

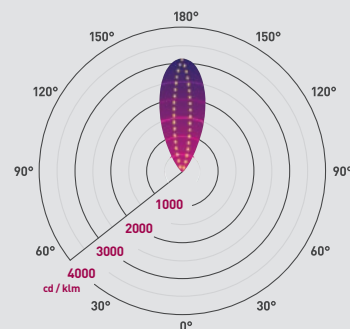
Cable / Flying Lead	3m (H05RN-F) rubberised cable (outside diameter: 7mm)
Type of Wiring Required	Parallel (mains) 220-240V AC 50/60Hz

#### LED DRIVERS

Product Code	mA	Dimming	Bathroom Zone	Min	Max
N/A (integrated SELV driver)	-	No	2	-	-

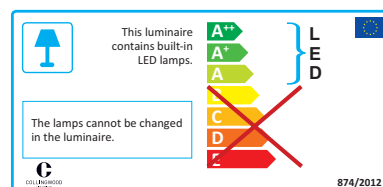
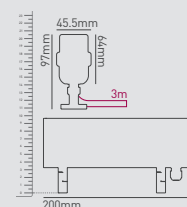
#### ACCESSORIES

Product Code	Description	
ULBRACKET	2-piece black anodised aluminium bracket	272



Beam angle: C0/C180 C90/C270

Additional diagrams available at [collingwoodlighting.com](http://collingwoodlighting.com)







COLLINGWOOD  
LIGHTING



## GUARANTEE / WARRANTY

7 year extended warranty available

## LEDLINE 400 45°

45° LED wall washing light bar

### FEATURES

Wattage	16W	IP Rating	IP65
LED Lifetime	70,000h L70, B10	Tilttable	180°
SDCM	3SDCM		

### PHOTOMETRICS @ 25°C

Colour	Beam Angle	Product Code	CRI	lm	lm/W	lx at 1m
4000K	45°	LEDLINE 400 NW 45	>70Ra	1000	63	2629
3000K	45°	LEDLINE 400 WW 45	>80Ra	750	47	1972
2700K	45°	LEDLINE 400 27 45*	>80Ra	730	46	1919

\*Available on request, please call our team for lead times and MOQ on 01604 495 151

### INSTALLATION INFORMATION

Weight	930g	Construction Material	Anodised aluminium
Bathroom Zone	1	Face Temperature	53°C
Ambient Temperature	40°C		

### WIRING INFORMATION

Cable / Flying Lead	3m (H05RN-F) rubberised cable (outside diameter: 6mm)
Type of Wiring Required	Series

### LED DRIVERS

Product Code	mA	SELV	Dimming	Bathroom Zone	Min	Max
PLU/700 3-9	700	Yes	No	1	1	1
PL/IP/700 3-9	700	Yes	No	1	1	1
PLD UNI-DRIVE 700MA	700	Yes	Yes (1-10V)	2	1	1

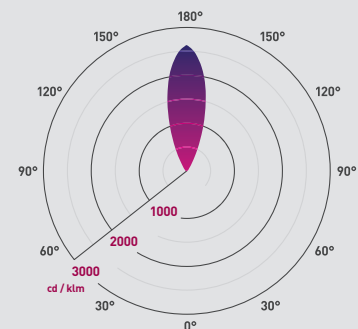
### ACCESSORIES

Product Code	Description	
JB4 / JB6	Gel filled junction box	374-375
PDC/GRID DIMMER	Grid dimmer kit for multiple fitting types	374
WCR 275 BLACK	2-core rubber cable	375
ULBRACKET	2-piece black anodised aluminium bracket	272

## FEATURES & BENEFITS

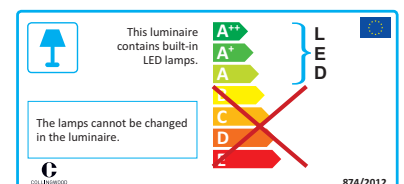
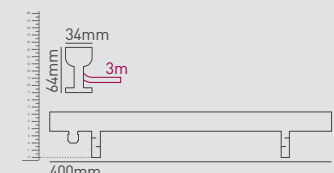
45° beam angle ideal for mid-level wall wash

Robust cable for permanent use outdoors



Beam angle: 45°

Additional diagrams available at [collingwoodlighting.com](http://collingwoodlighting.com)





## LEDLINE MAINS 400 45°

45° straight to mains LED wall washing light bar

### GUARANTEE / WARRANTY

7 year extended warranty available

### FEATURES & BENEFITS

45° beam angle ideal for mid-level wall wash

Mains driver built in for quick installation

Robust cable for permanent use outdoors

#### FEATURES

Wattage	19W	Input	Mains AC
IP Rating	IP65	IK Rating	IK02
LED Lifetime	70,000h L70, B50	Tilttable	180°
SDCM	3SDCM		

#### PHOTOMETRICS @ 25°C

Colour	Beam Angle	Product Code	CRI	lm	lm/W	lx at 1m
4000K	45°	ULM347M40	>80Ra	1020	54	2366
3000K	45°	ULM347M30	>80Ra	1000	53	2320
2700K	45°	ULM347M27*	>80Ra	970	51	2250

\*Available on request, please call our team for lead times and MOQ on 01604 495 151

#### INSTALLATION INFORMATION

Weight	1.44kg	Inrush Current	2.1A 0.1ms
Construction Material	Anodised aluminium	Bathroom Zone	2
Face Temperature	<60°C	Ambient Temperature	35°C

#### WIRING INFORMATION

Cable / Flying Lead	3m (H05RN-F) rubberised cable (outside diameter: 7mm)
Type of Wiring Required	Parallel (mains) 220-240V AC 50/60Hz

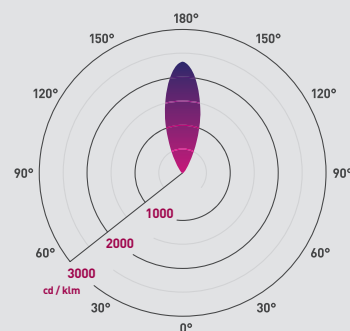
#### LED DRIVERS

Product Code	mA	Dimming	Bathroom Zone	Min	Max
N/A (integrated SELV driver)	-	No	2	-	-

#### ACCESSORIES

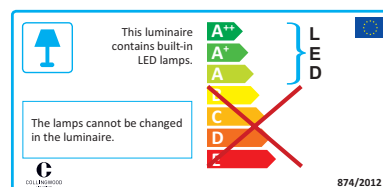
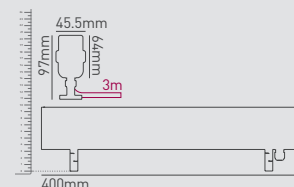
Product Code	Description
ULBRACKET	2-piece black anodised aluminium bracket

272



Beam angle: 45°

Additional diagrams available at [collingwoodlighting.com](http://collingwoodlighting.com)





## GUARANTEE / WARRANTY

5 year guarantee

## UL347CARGB

45° colour change LED wall washing light bar (12W max.)

### FEATURES

IP rating	IP65	Input	Mains
Tilttable	180°	LED lifetime	50,000h L50, B50
RGB	Yes	Mounting position	Surface

### PHOTOMETRICS @ 25°C

Colour	Beam angle	Product code	W	CRI	lm	lm/W	lx at 1m
Red	45°	UL347CARGB	4	-	77	19	102
Green	45°		4.1	-	285	70	329
Blue	45°		4.3	-	51	12	5

### INSTALLATION INFORMATION

Bathroom zone	1	Construction material	Anodised aluminium
Face temperature	28°C	Ambient temperature	35°C
Weight	700g		

### WIRING INFORMATION

Cable / flying lead	1x 3m LED RGB 0.75mm² cable (outside diameter: 6mm)
Type of wiring required	N/A (1 per power repeater)

### LED DRIVERS

Product code	mA	SELV	Dimming	Bathroom zone	Min	Max
PR3011	350	-	Yes	1	1	1

### ACCESSORIES

Product code	Description	
JB3	Colour change extension lead for RGB products	374
LED RGB 0.75 CABLE	4-core PVC cable	370
ULBRACKET	2 piece black anodised aluminium bracket	272

## FEATURES & BENEFITS

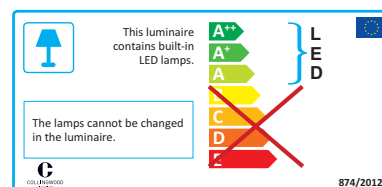
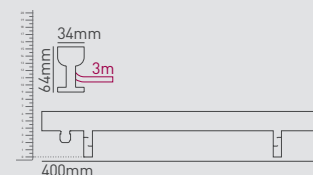
Surface mount in multiple applications

Full RGB colour range

Compatible with a large range of controllers

Anodised aluminium for use in outdoor and indoor environments

Removable feet can be used anywhere along the base or sides.  
Allen key included





## LEDLINE MAINS 200 45°

45° straight to mains LED wall washing light bar

### GUARANTEE / WARRANTY

7 year extended warranty available

### FEATURES & BENEFITS

45° beam angle ideal for mid-level wall wash

Mains driver built in for quick installation

Robust cable for permanent use outdoors

#### FEATURES

Wattage	10W	Input	Mains AC
IP Rating	IP65	IK Rating	IK02
LED Lifetime	70,000h L70, B50	Tilttable	180°
SDCM	3SDCM		

#### PHOTOMETRICS @ 25°C

Colour	Beam Angle	Product Code	CRI	lm	lm/W	lx at 1m
4000K	45°	ULS347M40	>80Ra	530	53	1401
3000K	45°	ULS347M30	>80Ra	470	47	1242
2700K	45°	ULS347M27*	>80Ra	460	46	1216

\*Available on request, please call our team for lead times and MOQ on 01604 495 151

#### INSTALLATION INFORMATION

Weight	900g	Inrush Current	2.1A 0.1ms
Construction Material	Anodised aluminium	Bathroom Zone	2
Face Temperature	<60°C	Ambient Temperature	35°C

#### WIRING INFORMATION

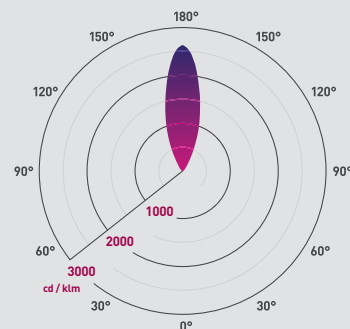
Cable / Flying Lead	3m (H05RN-F) rubberised cable (outside diameter: 7mm)
Type of Wiring Required	Parallel (mains) 220-240V AC 50/60Hz

#### LED DRIVERS

Product Code	mA	Dimming	Bathroom Zone	Min	Max
N/A (integrated SELV driver)	-	No	2	-	-

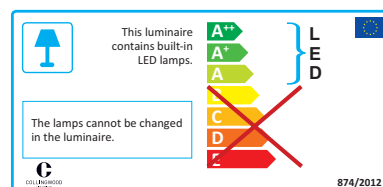
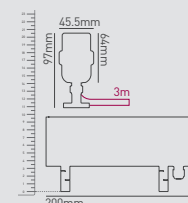
#### ACCESSORIES

Product Code	Description	
ULBRACKET	2-piece black anodised aluminium bracket	272



Beam angle: 45°

Additional diagrams available at [collingwoodlighting.com](http://collingwoodlighting.com)







GUARANTEE / WARRANTY

1 year guarantee

ULBRACKET

Anodised aluminium bracket for LEDLINE range

GENERAL

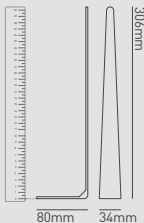
Product code	ULBRACKET
Construction material	AL6063 aluminium
Weight	150g

USE IN CONJUNCTION WITH

Product	Description	
LEDLINE 400 110	110° LED wall washing light bar	260
LEDLINE 400 25X6	25X6° LED wall washing light bar	264
LEDLINE 400 45	45° LED wall washing light bar	268
LEDLINE MAINS 400 110	110° straight to mains LED wall washing light bar	261
LEDLINE MAINS 400 25x6	25X6° straight to mains LED wall washing light bar	265
LEDLINE MAINS 400 45	45° straight to mains LED wall washing light bar	269
LEDLINE MAINS 200 110	110° straight to mains LED wall washing light bar	263
LEDLINE MAINS 200 25x6	25X6° straight to mains LED wall washing light bar	267
LEDLINE MAINS 200 45	45° straight to mains LED wall washing light bar	271
UL345CARGB	110° colour change LED wall washing light bar	262
UL346CARGB	25x6° colour change LED wall washing light bar	266
UL347CARGB	45° colour change LED wall washing light bar	270

FEATURES & BENEFITS

Supplied with fixtures & fittings





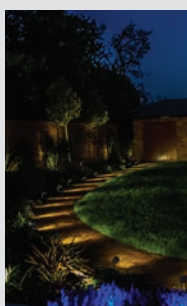
# SPIKE LIGHTS

## TO CREATE ENGAGING OUTDOOR SPACES

Whether lighting a pathway, planting or to really embellish an outdoor feature, spike lights are a great addition to any environment.

### Choose your effect

Spike lights can be used in a variety of ways, for example, illuminating pathways, highlighting mid-level planting or to pick out certain features within a garden. The great thing about these products is that they can move as your landscape changes season to season, year to year.



Pathways



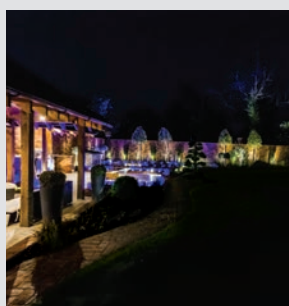
Mid-level planting



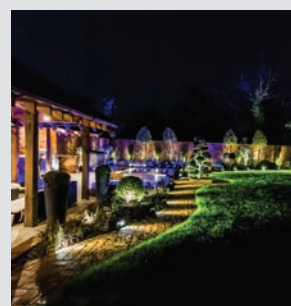
Features

### Layering light

Spike lights can effectively work as the main focus of an outdoor lighting scheme; however, they also work well in spreading the focus throughout an installation. Combine various effects using these versatile fittings to light features at different levels and to create a scene with depth and interest. Pathway lighting can be combined with uplighting to create a multi-layered effect.



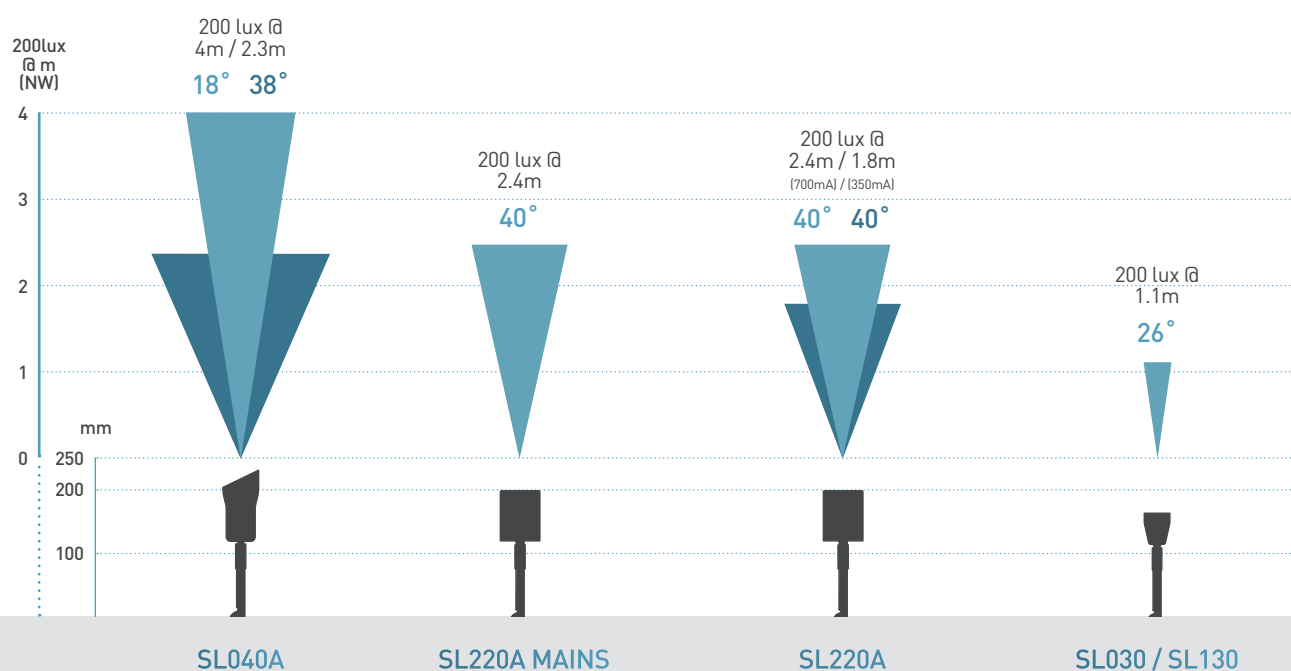
Light confined to one area



Light spread across installation

### Product comparison

Use the diagram below to work out which size product and output is ideal for your installation.



All spike lights continue 240mm under the surface.

## Low Voltage Vs Mains

Choose the right connection for any install with both mains and low voltage options available. These are ideal for both retro-fit and new installations.

All of our spike lights come with 3m integrated cable as standard for ease of installation.

## Waterproof

Our spike lights are waterproof to IP65 and have been designed for permanent use outdoors. Spike lights must be installed using waterproof connections to avoid moisture ingress through non-waterproof joints. To choose from our range waterproof connectors, please see page 374-375

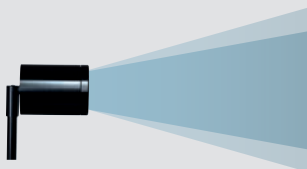


Check out our IP rated installation video on the Collingwood Lighting YouTube channel.

## Low glare hoods and snoots

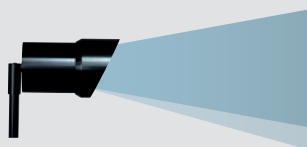
Upgrade the look and feel of your spike light installation with a simple low glare hood or snoot accessory. The accessories minimise any 'spill light' from the product to create a crisp beam of light which is low glare.

### Standard spike light



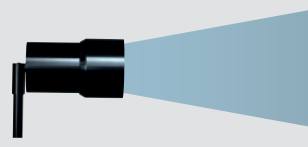
Flexible spike lighting with a high-quality fixture. Without using an accessory the beam of light has a soft halo around the measured beam angle.

### Low glare hood



A simple solution to create discreet lighting whilst optimising the light distribution. The widest part of the hood reduces the spill light from one side of the light.

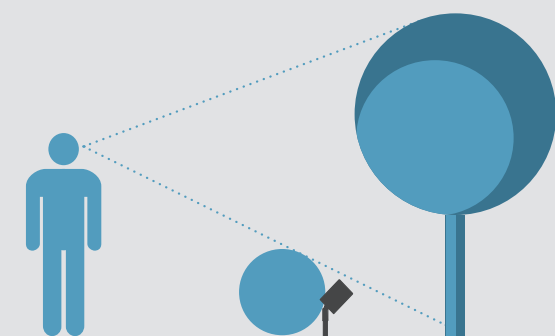
### Low glare snoot



This cylindrical snoot accentuates the style factor. Perfect for creating a moonlight effect the snoot reduces the spill light in all directions.

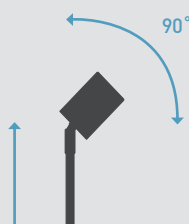
## Discreet Lighting

Conceal your spike lights to allow attention to focus on the illumination, not the light source.



## Flexibility

Spike lights are the most flexible lighting choice for a garden as they can be used in a variety of environments and are easy to manoeuvre, allowing the option to change the lighting scheme to reflect the season.



### Tilt

Select the best angle to illuminate features.

### Move

Simply pick up and move a spike light to illuminate a different feature.



# SPIKE LIGHTS SPECIFICATION SHEET

Bronze  
SL220Z

Stainless steel  
SL220D

Copper  
SL220C

Black  
SL220B



## SL220

Low voltage LED spike light

### FEATURES

Wattage	2.2W (350mA) 4.6W (700mA)	IP Rating	IP65
LED Lifetime	70,000h L70, B10	Tilttable	90°
SDCM	3SDCM		

### PHOTOMETRICS @ 25°C

				350mA			700mA			
Colour	Beam Angle	Product Code	CRI	lm	lm/W	lx at 1m	CRI	lm	lm/W	lx at 1m
4000K	40°	SL220BWBX40	>80Ra	310	144	705	>80Ra	530	114	1205
4000K	40°	SL220DWBX40	>80Ra	310	144	705	>80Ra	530	114	1205
4000K	40°	SL220ZWBX40	>80Ra	310	144	705	>80Ra	530	114	1205
3000K	40°	SL220BWBX30	>80Ra	300	140	682	>80Ra	520	112	1182
3000K	40°	SL220DWBX30	>80Ra	300	140	682	>80Ra	520	112	1182
3000K	40°	SL220ZWBX30	>80Ra	300	140	682	>80Ra	520	112	1182
2700K	40°	SL220BWBX27	>80Ra	290	135	659	>80Ra	515	111	1171
2700K	40°	SL220DWBX27	>80Ra	290	135	659	>80Ra	515	111	1171
2700K	40°	SL220ZWBX27	>80Ra	290	135	659	>80Ra	515	111	1171
2700K	40°	SL220CWBX27	>80Ra	290	135	659	>80Ra	515	111	1171

### INSTALLATION INFORMATION

Face Temperature	40°C	Ambient Temperature	35°C
Weight	Black: 600g, Bronze: 600g, Copper: 1300g, Stainless steel: 1000g		
Construction Material	Black: anodised aluminium, Bronze: anodised aluminium Copper: solid copper, Stainless steel: stainless steel 316		

### WIRING INFORMATION

Cable / Flying Lead	3m H05RN-F rubberised cable (outside diameter: 6mm)
Type of Wiring Required	Series

### LED DRIVERS

Product Code	mA	SELV	Dimming	Bathroom Zone	Min	Max
PLU/350 1-9	350	Yes	No	1	1	4
PLR/350 1-5	350	Yes	No	1	1	2
PLD UNI-DRIVE 350M	350	Yes	Yes (1-10V)	2	1	5

### ACCESSORIES

Product Code	Description	
JB2 / JB4 / JB6	Waterproof junction box / Gel filled waterproof connectors	374-375
PDC/GRID DIMMER	1-10V dimmer module	374
GH220	Simple hood to reduce glare whilst maintaining a good light distribution	278
GS220	Stylish, baffle-style snoot, perfect for creating a moonlighting effect	278



COLLINGWOOD  
LIGHTING

### GUARANTEE / WARRANTY

7 year extended warranty available

### FEATURES & BENEFITS

High efficacy - up to 144lm/W

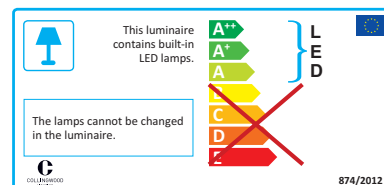
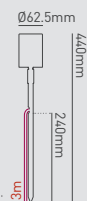
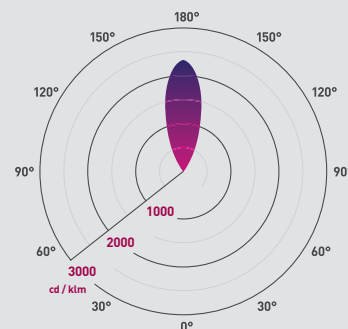
Improved look and feel with single LED

New Stainless Steel and Anodised Bronze finishes

Higher light output than predecessor

Low voltage can now run on 700mA drivers

Reduced body length by 12% for a neat and compact appearance



Bronze  
SL220ZStainless steel  
SL220DCopper  
SL220CBlack  
SL220BCOLLINGWOOD  
LIGHTING

## SL220 MAINS

Straight to mains LED spike light

## GUARANTEE / WARRANTY

7 year extended warranty available

## FEATURES &amp; BENEFITS

High efficacy - up to 93lm/W

Improved look and feel with single LED

New Stainless Steel and Anodised Bronze finishes

Higher light output than predecessor

Mains voltage 700mA as standard

Reduced body length by 12% for a neat and compact appearance

## FEATURES

Wattage	5.7W	Input	Mains AC
IP Rating	IP65	LED Lifetime	70,000h L70, B10
Tilttable	90°	SDCM	3SDCM

## PHOTOMETRICS @ 25°C

Colour	Beam Angle	Product Code	CRI	lm	lm/W	lx at 1m
4000K	40°	SL220BWB40	>80Ra	530	93	1205
4000K	40°	SL220DWB40	>80Ra	530	93	1205
4000K	40°	SL220ZWB40	>80Ra	530	93	1205
3000K	40°	SL220BWB30	>80Ra	520	91	1182
3000K	40°	SL220DWB30	>80Ra	520	91	1182
3000K	40°	SL220ZWB30	>80Ra	520	91	1182
2700K	40°	SL220BWB27	>80Ra	515	90	1171
2700K	40°	SL220DWB27	>80Ra	515	90	1171
2700K	40°	SL220ZWB27	>80Ra	515	90	1171
2700K	40°	SL220CWB27	>80Ra	515	90	1171

## INSTALLATION INFORMATION

Bathroom Zone	2	Face Temperature	40°C
Ambient Temperature	35°C		
Weight	Black: 600g, Bronze: 600g, Copper: 1300g, Stainless steel: 1000g		
Construction Material	Black: anodised aluminium, Bronze: anodised aluminium Copper: solid copper, Stainless steel: stainless steel 316		

## WIRING INFORMATION

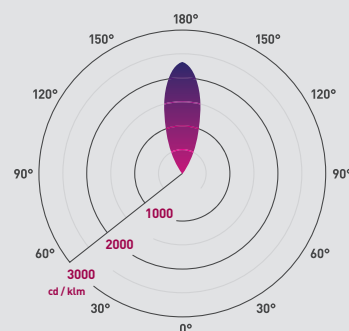
Cable / Flying Lead	3m (H05RN-F) rubberised cable (outside diameter: 7mm)
Type of Wiring Required	Parallel (mains) 220-240V AC 50/60Hz

## LED DRIVERS

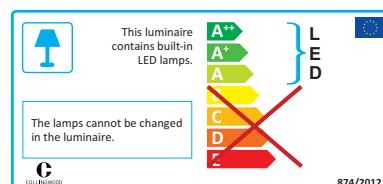
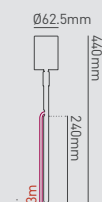
Product Code	mA	Dimming	Bathroom Zone	Min	Max
N/A (integrated SELV driver)	-	No	-	-	-

## ACCESSORIES

Product Code	Description	
JB5	Gel filled waterproof connector	375
GH220	Simple hood to reduce glare whilst maintaining a good light distribution	278
GS220	Stylish, baffle-style snoot, perfect for creating a moonlighting effect	278



Beam angle: 40°

Additional diagrams available at [collingwoodlighting.com](http://collingwoodlighting.com)



## GH220

Simple hood to reduce glare whilst maintaining a good light distribution

### FEATURES

Product Code	GH220B : Black GH220D : Stainless steel 316
Construction material	GH220B : Anodised Aluminium GH220D : Stainless steel 316
Guarantee	7 year guarantee

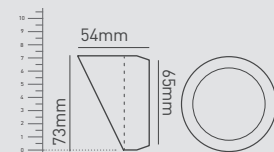
### USE IN CONJUNCTION WITH

WL220	244
SL220 MAINS	277
SL220	276

Supplied with fixtures & fittings

Simple accessories for controlling glare

Can be used on both SL220 spike light and WL220 wall light families for a consistent outdoor lighting installation



## GS220

Stylish, baffle-style snoot, perfect for creating a moonlighting effect

### FEATURES

Product Code	GS220B : Black GS220D : Stainless steel 316
Construction material	GS220B : Anodised Aluminium GS220D : Stainless steel 316
Guarantee	7 year guarantee

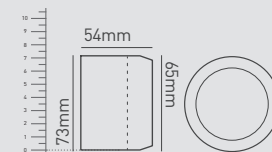
### USE IN CONJUNCTION WITH

WL220	244
SL220 MAINS	277
SL220	276

Supplied with fixtures & fittings

Simple accessories for controlling glare

Can be used on both SL220 spike light and WL220 wall light families for a consistent outdoor lighting installation





## SL040A

High output LED spike light

### FEATURES

Wattage	7W	IP Rating	IP65
LED Lifetime	70,000h L70, B10	Tilttable	90°
SDCM	3SDCM		

### PHOTOMETRICS @ 25°C

Colour	Beam Angle	Product Code	CRI	lm	lm/W	lx at 1m
4000K	38°	SL040A F NW	>70Ra	520	74	1471
4000K	18°	SL040A S NW	>70Ra	520	74	4614
3000K	38°	SL040A F WW	>80Ra	413	59	1168
3000K	18°	SL040A S WW	>80Ra	413	59	3665
2700K	38°	SL040A F 27	>80Ra	377	54	1066
2700K	18°	SL040A S 27	>80Ra	377	54	3345

### INSTALLATION INFORMATION

Weight	600g	Construction Material	Anodised aluminium
Bathroom Zone	1	Face Temperature	42°C
Ambient Temperature	35°C		

### WIRING INFORMATION

Cable / Flying Lead	3m H05RN-F rubberised cable (outside diameter: 6mm)
Type of Wiring Required	Series

### LED DRIVERS

Product Code	mA	SELV	Dimming	Bathroom Zone	Min	Max
PLU/700 3-9	700	Yes	No	1	1	3
PL/IP/700 1-3	700	Yes	No	1	1	1
PLD UNI-DRIVE 700MA	700	Yes	Yes (1-10V)	2	1	3

### ACCESSORIES

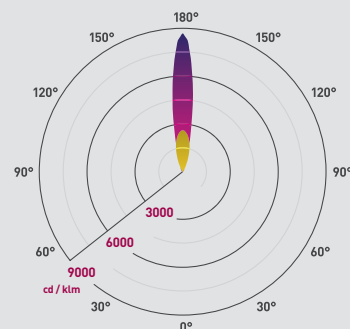
Product Code	Description	
JB2 / JB4 / JB6	Waterproof junction box / Gel filled waterproof connectors	374-375
WCR 275 BLACK	2-core rubber cable	375
PDC/GRID DIMMER	1-10V dimmer module	374

### GUARANTEE / WARRANTY

7 year extended warranty available

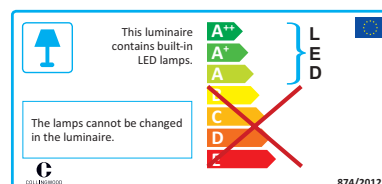
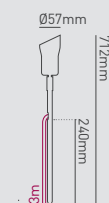
### FEATURES & BENEFITS

Equivalent to 35W halogen  
Long spike included for extra stability  
Robust cable for outdoor use  
Hooded for reduced glare



Beam angle: 18° 38°

Additional diagrams available at [collingwoodlighting.com](http://collingwoodlighting.com)







COLLINGWOOD  
LIGHTING



## SL030

1W LED spike light

### FEATURES

Wattage	1W	IP Rating	IP65
LED Lifetime	70,000h L70, B10	Tilttable	90°
SDCM	3SDCM		

### PHOTOMETRICS @ 25°C

Colour	Beam Angle	Product Code	CRI	lm	lm/W	lx at 1m
4000K	26°	SL030 F NW	>80Ra	95	95	267
3000K	26°	SL030 F WW	>80Ra	75	75	210
2700K	26°	SL030 F 27	>80Ra	70	70	196
Amber	26°	SL030 F AMBER	-	-	-	-
Blue	26°	SL030 F BLUE	-	-	-	-
Green	26°	SL030 F GREEN	-	-	-	-
Red	26°	SL030 F RED	-	-	-	-

### INSTALLATION INFORMATION

Weight	700g	Construction Material	Stainless steel (316)
Bathroom Zone	1	Face Temperature	<35°C
Ambient Temperature	35°C		

### WIRING INFORMATION

Cable / Flying Lead	3m H05RN-F rubberised cable (outside diameter: 6mm)
Type of Wiring Required	Series

### LED DRIVERS

Product Code	mA	SELV	Dimming	Bathroom Zone	Min	Max
PLU/350 1-9	350	Yes	No	1	1	9
PLR/350 1-5	350	Yes	No	1	1	5
PLD UNI-DRIVE 350MA	350	Yes	Yes (1-10V)	2	1	10

### ACCESSORIES

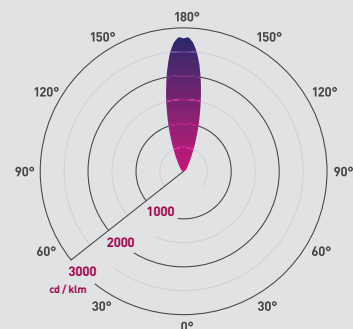
Product Code	Description	
JB2 / JB4 / JB6	Waterproof junction box / Gel filled waterproof connectors	374-375
WCR 275 BLACK	2-core rubber cable	375
PDC/GRID DIMMER	1-10V dimmer module	374

### GUARANTEE / WARRANTY

7 year extended warranty available

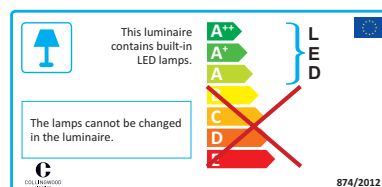
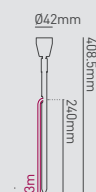
### FEATURES & BENEFITS

Long spike included for extra stability  
Robust cable for outdoor use  
Small & discreet



Beam angle: 26°

Additional diagrams available at [collingwoodlighting.com](http://collingwoodlighting.com)





## SL130

1W LED spike light

### FEATURES

Wattage	1W	IP Rating	IP65
LED Lifetime	70,000h L70, B10	Tilttable	90°
SDCM	3SDCM		

### PHOTOMETRICS @ 25°C

Colour	Beam Angle	Product Code	CRI	lm	lm/W	lx at 1m
4000K	26°	SL13040	>80Ra	95	95	267
3000K	26°	SL13030	>80Ra	75	75	210
2700K	26°	SL13027	>80Ra	70	70	196

### INSTALLATION INFORMATION

Weight	400g	Construction Material	Anodised aluminium
Bathroom Zone	1	Face Temperature	<35°C
Ambient Temperature	35°C		

### WIRING INFORMATION

Cable / Flying Lead	3m H05RN-F rubberised cable (outside diameter: 6mm)
Type of Wiring Required	Series

### LED DRIVERS

Product Code	mA	SELV	Dimming	Bathroom Zone	Min	Max
PLU/350 1-9	350	Yes	No	1	1	9
PLR/350 1-5	350	Yes	No	1	1	5
PLD UNI-DRIVE 350MA	350	Yes	Yes (1-10V)	2	1	10

### ACCESSORIES

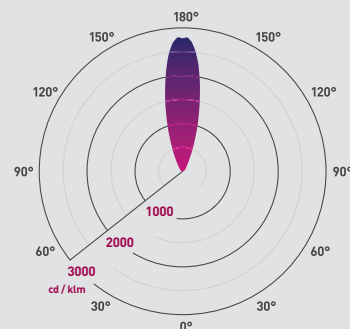
Product Code	Description	
JB2 / JB4 / JB6	Waterproof junction box / Gel filled waterproof connectors	374-375
WCR 275 BLACK	2-core rubber cable	375
PDC/GRID DIMMER	1-10V dimmer module	374

### GUARANTEE / WARRANTY

7 year extended warranty available

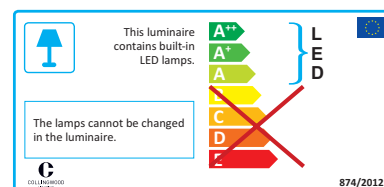
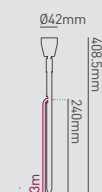
### FEATURES & BENEFITS

Long spike included for extra stability  
Robust cable for outdoor use  
Small & discreet



Beam angle: 26°

Additional diagrams available at [collingwoodlighting.com](http://collingwoodlighting.com)



# NATURAL WOODEN BOLLARDS

## CREATE BEAUTIFULLY LIT PATHS AND DRIVEWAYS

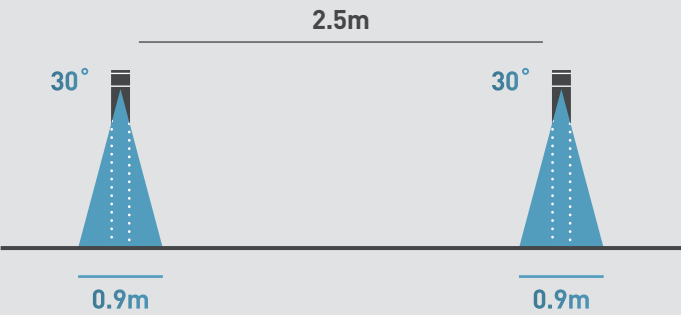
Adding style and flair to any design scheme, bollards can add depth and dimension to a landscape, creating safer, 24-hour spaces.

### Single LED bollard

Use the single LED bollard to add new lighting to existing pathways, gardens or shared spaces. The remote SELV power supply provides increased flexibility when fitting. Long distances of cable can be concealed within trunking.

Bollards are often purposely positioned in a uniformed capacity to highlight a walkway; however, they can also be integrated into a landscape feature, maximising the overall design of the space.

For a pathway with consistent points highlighted:

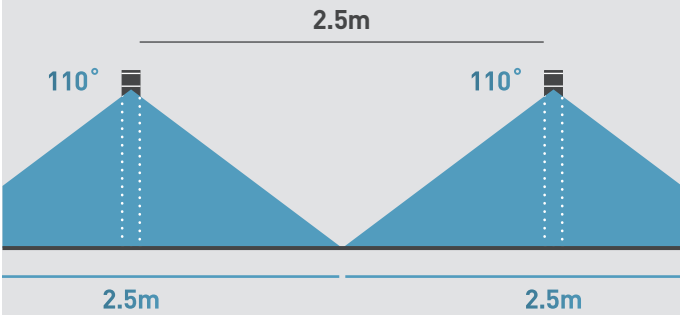


### Triple LED bollard

Using an integral power supply, this direct to mains bollard is ideal for replacing existing bollard lighting, which may be looking tired or in need of replacement. It's easy to replace using existing cables or as part of a new build, where cables can easily be installed with minimum impact.

Using three LEDs instead of one and with a wider beam angle, these products are capable of being positioned at greater distances whilst still creating an even spread of light.

For a pathway consistently lit at 30 lux:



### Choice of material

Choose from three beautifully crafted woods to obtain the ideal aesthetic for your bollard.

#### Iroko



#### Oak



#### Sapele



### Choice of style

Choose from three unique styles to suit your installation.

#### Domed



#### Chamfered



#### Pointed



### Colour temperature

Choose between three available colour temperatures.

#### 2700K



#### 3000K



#### 4000K



# CHOOSING THE IDEAL BOLLARD FOR YOUR INSTALLATION

Use the five easy steps below to ascertain the perfect bollard for your installation.

1

Do you prefer a bollard with single or triple LEDs?

Single LED bollard



Triple LED bollard



3

Which style head would you like?

Domed



Chamfered



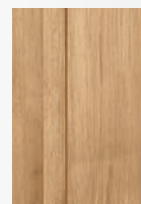
Pointed



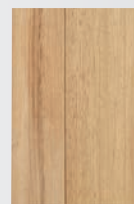
2

Which type of wood do you prefer?

Iroko



Oak



Sapele



5

Will the bollard be recessed or surface mounted?

Recessed mount

Side cable entry is required for recess mounting.



Surface mount

Base cable entry is required for surface mounting.



When surface mounting you will also need a bracket.



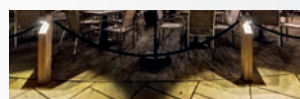
Partcode: BOL LED BRACKET

4

Which colour temperature do you need?

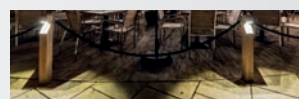
Warmest

For a warm cosy look use 2700K.



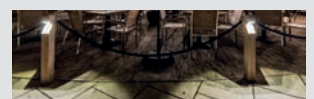
Warm

For the warmth of a halogen use 3000K.



Natural white

For a more neutral look use 4000K.



Now you've determined what you'll need, use the tables on the next page to obtain the correct partcode



# CHOOSING THE IDEAL WOODEN BOLLARD

## FOR YOUR INSTALLATION

Now you know what attributes you want, use the tables below to work out which partcode you need

**Use the generator on the right to build your wooden bollards partcode based on the attributes you have selected.**

The example shown is for a single LED with base cable entry, 2700K, iroko wood, domed head bollard, resulting in the partcode BL01DIB27. You can change each element to represent the bollard you need.

Partcode	Single LED / Triple LED	Style	Material	Cable entry	Colour temperature
BL01DIB27 <a href="#">Page 285</a>	Single	Domed	Iroko	Base entry	2700K
BL01DIB30 <a href="#">Page 285</a>	Single	Domed	Iroko	Base entry	3000K
BL01DIB40 <a href="#">Page 285</a>	Single	Domed	Iroko	Base entry	4000K
BL01DOB27 <a href="#">Page 285</a>	Single	Domed	Oak	Base entry	2700K
BL01DOB30 <a href="#">Page 285</a>	Single	Domed	Oak	Base entry	3000K
BL01DOB40 <a href="#">Page 285</a>	Single	Domed	Oak	Base entry	4000K
BL01DSB27 <a href="#">Page 285</a>	Single	Domed	Sapele	Base entry	2700K
BL01DSB30 <a href="#">Page 285</a>	Single	Domed	Sapele	Base entry	3000K
BL01DSB40 <a href="#">Page 285</a>	Single	Domed	Sapele	Base entry	4000K
BL01FIB27 <a href="#">Page 285</a>	Single	Chamfered	Iroko	Base entry	2700K
BL01FIB30 <a href="#">Page 285</a>	Single	Chamfered	Iroko	Base entry	3000K
BL01FIB40 <a href="#">Page 285</a>	Single	Chamfered	Iroko	Base entry	4000K
BL01FOB27 <a href="#">Page 285</a>	Single	Chamfered	Oak	Base entry	2700K
BL01FOB30 <a href="#">Page 285</a>	Single	Chamfered	Oak	Base entry	3000K
BL01FOB40 <a href="#">Page 285</a>	Single	Chamfered	Oak	Base entry	4000K
BL01FSB27 <a href="#">Page 285</a>	Single	Chamfered	Sapele	Base entry	2700K
BL01FSB30 <a href="#">Page 285</a>	Single	Chamfered	Sapele	Base entry	3000K
BL01FSB40 <a href="#">Page 285</a>	Single	Chamfered	Sapele	Base entry	4000K
BL01PIB27 <a href="#">Page 285</a>	Single	Pointed	Iroko	Base entry	2700K
BL01PIB30 <a href="#">Page 285</a>	Single	Pointed	Iroko	Base entry	3000K
BL01PIB40 <a href="#">Page 285</a>	Single	Pointed	Iroko	Base entry	4000K
BL01POB27 <a href="#">Page 285</a>	Single	Pointed	Oak	Base entry	2700K
BL01POB30 <a href="#">Page 285</a>	Single	Pointed	Oak	Base entry	3000K
BL01POB40 <a href="#">Page 285</a>	Single	Pointed	Oak	Base entry	4000K
BL01PSB27 <a href="#">Page 285</a>	Single	Pointed	Sapele	Base entry	2700K
BL01PSB30 <a href="#">Page 285</a>	Single	Pointed	Sapele	Base entry	3000K
BL01PSB40 <a href="#">Page 285</a>	Single	Pointed	Sapele	Base entry	4000K

Partcode	Single LED / Triple LED	Style	Material	Cable entry	Colour temperature
BL01DIS27 <a href="#">Page 285</a>	Single	Domed	Iroko	Side entry	2700K
BL01DIS30 <a href="#">Page 285</a>	Single	Domed	Iroko	Side entry	3000K
BL01DIS40 <a href="#">Page 285</a>	Single	Domed	Iroko	Side entry	4000K
BL01DOS27 <a href="#">Page 285</a>	Single	Domed	Oak	Side entry	2700K
BL01DOS30 <a href="#">Page 285</a>	Single	Domed	Oak	Side entry	3000K
BL01DOS40 <a href="#">Page 285</a>	Single	Domed	Oak	Side entry	4000K
BL01DSS27 <a href="#">Page 285</a>	Single	Domed	Sapele	Side entry	2700K
BL01DSS30 <a href="#">Page 285</a>	Single	Domed	Sapele	Side entry	3000K
BL01DSS40 <a href="#">Page 285</a>	Single	Domed	Sapele	Side entry	4000K
BL01FIS27 <a href="#">Page 285</a>	Single	Chamfered	Iroko	Side entry	2700K
BL01FIS30 <a href="#">Page 285</a>	Single	Chamfered	Iroko	Side entry	3000K
BL01FIS40 <a href="#">Page 285</a>	Single	Chamfered	Iroko	Side entry	4000K
BL01FOS27 <a href="#">Page 285</a>	Single	Chamfered	Oak	Side entry	2700K
BL01FOS30 <a href="#">Page 285</a>	Single	Chamfered	Oak	Side entry	3000K
BL01FOS40 <a href="#">Page 285</a>	Single	Chamfered	Oak	Side entry	4000K
BL01FSS27 <a href="#">Page 285</a>	Single	Chamfered	Sapele	Side entry	2700K
BL01FSS30 <a href="#">Page 285</a>	Single	Chamfered	Sapele	Side entry	3000K
BL01FSS40 <a href="#">Page 285</a>	Single	Chamfered	Sapele	Side entry	4000K
BL01PIS27 <a href="#">Page 285</a>	Single	Pointed	Iroko	Side entry	2700K
BL01PIS30 <a href="#">Page 285</a>	Single	Pointed	Iroko	Side entry	3000K
BL01PIS40 <a href="#">Page 285</a>	Single	Pointed	Iroko	Side entry	4000K
BL01POS27 <a href="#">Page 285</a>	Single	Pointed	Oak	Side entry	2700K
BL01POS30 <a href="#">Page 285</a>	Single	Pointed	Oak	Side entry	3000K
BL01POS40 <a href="#">Page 285</a>	Single	Pointed	Oak	Side entry	4000K
BL01PSS27 <a href="#">Page 285</a>	Single	Pointed	Sapele	Side entry	2700K
BL01PSS30 <a href="#">Page 285</a>	Single	Pointed	Sapele	Side entry	3000K
BL01PSS40 <a href="#">Page 285</a>	Single	Pointed	Sapele	Side entry	4000K

Bollard	Single LED / Triple LED	Style	Material	Cable entry	Colour temperature
<b>BL</b>	<b>01</b>	<b>D</b>	<b>I</b>	<b>B</b>	<b>27</b>
BL Bollard	01 Single LED 03 Triple LED	D Domed F Chamfered P Pointed	I Iroko wood O Oak wood S Sapele wood	B Base entry S Side entry	27 2700K 30 3000K 40 4000K

Partcode	Single LED / Triple LED	Style	Material	Cable entry	Colour temperature
BL03DIB27 Page 284	Triple	Domed	Iroko	Base entry	2700K
BL03DIB30 Page 284	Triple	Domed	Iroko	Base entry	3000K
BL03DIB40 Page 284	Triple	Domed	Iroko	Base entry	4000K
BL03DOB27 Page 284	Triple	Domed	Oak	Base entry	2700K
BL03DOB30 Page 284	Triple	Domed	Oak	Base entry	3000K
BL03DOB40 Page 284	Triple	Domed	Oak	Base entry	4000K
BL03DSB27 Page 284	Triple	Domed	Sapele	Base entry	2700K
BL03DSB30 Page 284	Triple	Domed	Sapele	Base entry	3000K
BL03DSB40 Page 284	Triple	Domed	Sapele	Base entry	4000K
BL03FIB27 Page 284	Triple	Chamfered	Iroko	Base entry	2700K
BL03FIB30 Page 284	Triple	Chamfered	Iroko	Base entry	3000K
BL03FIB40 Page 284	Triple	Chamfered	Iroko	Base entry	4000K
BL03FOB27 Page 284	Triple	Chamfered	Oak	Base entry	2700K
BL03FOB30 Page 284	Triple	Chamfered	Oak	Base entry	3000K
BL03FOB40 Page 284	Triple	Chamfered	Oak	Base entry	4000K
BL03FSB27 Page 284	Triple	Chamfered	Sapele	Base entry	2700K
BL01FSB30 Page 284	Triple	Chamfered	Sapele	Base entry	3000K
BL03FSB40 Page 284	Triple	Chamfered	Sapele	Base entry	4000K
BL03PIB27 Page 284	Triple	Pointed	Iroko	Base entry	2700K
BL03PIB30 Page 284	Triple	Pointed	Iroko	Base entry	3000K
BL03PIB40 Page 284	Triple	Pointed	Iroko	Base entry	4000K
BL03POB27 Page 284	Triple	Pointed	Oak	Base entry	2700K
BL03POB30 Page 284	Triple	Pointed	Oak	Base entry	3000K
BL03POB40 Page 284	Triple	Pointed	Oak	Base entry	4000K
BL03PSB27 Page 284	Triple	Pointed	Sapele	Base entry	2700K
BL03PSB30 Page 284	Triple	Pointed	Sapele	Base entry	3000K
BL03PSB40 Page 284	Triple	Pointed	Sapele	Base entry	4000K

Partcode	Single LED / Triple LED	Style	Material	Cable entry	Colour temperature
BL03DIS27 Page 284	Triple	Domed	Iroko	Side entry	2700K
BL03DIS30 Page 284	Triple	Domed	Iroko	Side entry	3000K
BL03DIS40 Page 284	Triple	Domed	Iroko	Side entry	4000K
BL03DOS27 Page 284	Triple	Domed	Oak	Side entry	2700K
BL03DOS30 Page 284	Triple	Domed	Oak	Side entry	3000K
BL03DOS40 Page 284	Triple	Domed	Oak	Side entry	4000K
BL03DSS27 Page 284	Triple	Domed	Sapele	Side entry	2700K
BL03DSS30 Page 284	Triple	Domed	Sapele	Side entry	3000K
BL03DSS40 Page 284	Triple	Domed	Sapele	Side entry	4000K
BL03FIS27 Page 284	Triple	Chamfered	Iroko	Side entry	2700K
BL03FIS30 Page 284	Triple	Chamfered	Iroko	Side entry	3000K
BL03FIS40 Page 284	Triple	Chamfered	Iroko	Side entry	4000K
BL03FOS27 Page 284	Triple	Chamfered	Oak	Side entry	2700K
BL03FOS30 Page 284	Triple	Chamfered	Oak	Side entry	3000K
BL03FOS40 Page 284	Triple	Chamfered	Oak	Side entry	4000K
BL03FSS27 Page 284	Triple	Chamfered	Sapele	Side entry	2700K
BL03FSS30 Page 284	Triple	Chamfered	Sapele	Side entry	3000K
BL03FSS40 Page 284	Triple	Chamfered	Sapele	Side entry	4000K
BL03PIS27 Page 284	Triple	Pointed	Iroko	Side entry	2700K
BL03PIS30 Page 284	Triple	Pointed	Iroko	Side entry	3000K
BL03PIS40 Page 284	Triple	Pointed	Iroko	Side entry	4000K
BL03POS27 Page 284	Triple	Pointed	Oak	Side entry	2700K
BL03POS30 Page 284	Triple	Pointed	Oak	Side entry	3000K
BL03POS40 Page 284	Triple	Pointed	Oak	Side entry	4000K
BL03PSS27 Page 284	Triple	Pointed	Sapele	Side entry	2700K
BL03PSS30 Page 284	Triple	Pointed	Sapele	Side entry	3000K
BL03PSS40 Page 284	Triple	Pointed	Sapele	Side entry	4000K



COLLINGWOOD  
LIGHTING



## BOL LED MAINS / BOL03

Straight to mains, wooden LED bollard

### FEATURES

Wattage	5W	Input	Mains AC
IP Rating	IP65	LED Lifetime	70,000h L70, B10
SDCM	3SDCM		

### PHOTOMETRICS @ 25°C

Colour	Beam Angle	Product Code	CRI	lm	lm/W	lx at 1m
4000K	110°	See page 284-285	>80Ra	246	49	104
3000K	110°	See page 284-285	>80Ra	160	32	80
2700K	110°	See page 284-285	>80Ra	156	31	78

Available on request, please call our team for lead times and MOQ on 01604 495 151

### INSTALLATION INFORMATION

Weight	5.5kg	Inrush Current	17.9A 0.1ms
Construction Material	See page 284-285	Bathroom Zone	2
Face Temperature	43°C	Ambient Temperature	35°C

### WIRING INFORMATION

Cable / Flying Lead	NEW 1.5mm SY 2 Core PVC Steel Braid Cable
Type of Wiring Required	Parallel (mains) 220-240V AC 50/60Hz

### LED DRIVERS

Product Code	mA	Dimming	Bathroom Zone	Min	Max
N/A (integrated SELV driver)	-	No	2	-	-

### ACCESSORIES

Product Code	Description	
BOL LED BRACKET	Stainless steel bracket for BOL LED range	288
JB5	Gel filled junction box	375

### GUARANTEE / WARRANTY

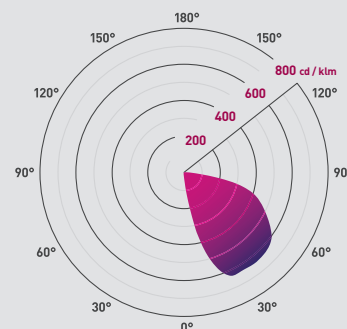
7 year extended warranty available

### FEATURES & BENEFITS

NEW armoured cable as standard; no need for additional capping or conduit

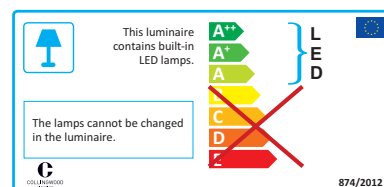
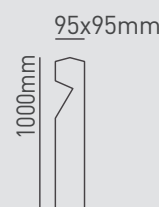
Hand-crafted wood and with an IP65 rating, this bollard is both a stunning and functional addition to outdoor areas

The raw timber weathers over time to a beautiful colour or can be treated to maintain its original colour



Beam angle: 110°

Additional diagrams available at [collingwoodlighting.com](http://collingwoodlighting.com)





## BOL LED 1 / BOL01

Wooden LED bollard

### FEATURES

Wattage	1W	IP Rating	IP65
LED Lifetime	70,000h L70, B10	SDCM	3SDCM

### PHOTOMETRICS @ 25°C

Colour	Beam Angle	Product Code	CRI	lm	lm/W	lx at 1m
4000K	26°	See page 284-285	>80Ra	95	95	267
3000K	26°	See page 284-285	>80Ra	75	75	210
2700K	26°	See page 284-285	>80Ra	70	70	204

Available on request, please call our team for lead times and MOQ on 01604 495 151

### INSTALLATION INFORMATION

Weight	5.8kg	Construction Material	See page 284-285
Bathroom Zone	1	Face Temperature	<35°C
Ambient Temperature	35°C		

### WIRING INFORMATION

Cable / Flying Lead	1.8m (H05RN-F) rubberised cable (outside diameter: 6mm)
Type of Wiring Required	Series

### LED DRIVERS

Product Code	mA	SELV	Dimming	Bathroom Zone	Min	Max
PLU/350 1-9	350	Yes	No	1	1	9
PLR/350 1-5	350	Yes	No	1	1	5
PLD UNI-DRIVE 350mA	350	Yes	Yes (1-10V)	2	1	10

### ACCESSORIES

Product Code	Description	
BOL LED BRACKET	Stainless steel bracket for BOL LED range	288
JB2 / JB4 / JB6	Waterproof junction box / Gel filled waterproof connectors	374-375
WCR 275 BLACK	2-core rubber cable	375

### GUARANTEE / WARRANTY

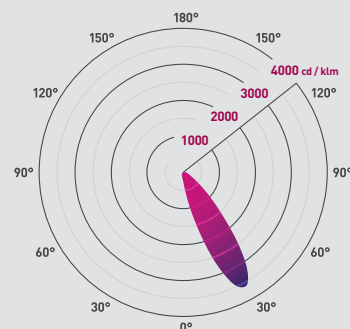
7 year extended warranty available

### FEATURES & BENEFITS

Robust cable for outdoor use

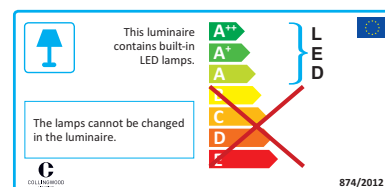
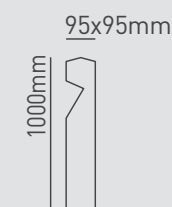
Hand-crafted wood and with an IP65 rating, this bollard is both a stunning and functional addition to outdoor areas

The raw timber weathers over time to a beautiful colour or can be treated to maintain its original colour



Beam angle: 26°

Additional diagrams available at [collingwoodlighting.com](http://collingwoodlighting.com)





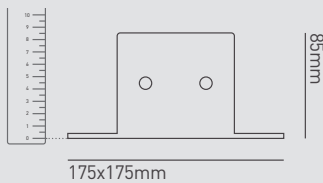


GUARANTEE / WARRANTY

1 year guarantee

FEATURES & BENEFITS

Supplied with stainless steel fixtures  
& fittings



BOL LED BRACKET

Stainless steel bracket for BOL LED range

FEATURES

Product code	BOL LED BRACKET
Construction material	Stainless steel (304)
Weight	1500g

ACCESSORIES

Product code	Description	
BOL LED 1	Wooden LED bollard	287
BOL LED 030 MAINS	Straight to mains wooden LED bollard	286



## BOL255

585mm straight to mains anodised aluminium LED bollard

### FEATURES

Wattage	16.5W	Input	Mains AC
IP Rating	IP65	IK Rating	IK10
LED Lifetime	70,000h L70, B50	SDCM	3SDCM

### PHOTOMETRICS @ 25°C

Colour	Beam Angle	Product Code	CRI	lm	lm/W	lx at 1m
3000K	55°	BOL255WW	>85Ra	750	45	53

### INSTALLATION INFORMATION

Weight	6.1kg	Inrush Current	38.8A 0.002ms
Construction Material	Anodised aluminium / polycarbonate	Face Temperature	35°C
Ambient Temperature	40°C		
Building Regulations	Part P (electrical safety)		

### WIRING INFORMATION

Cable / Flying Lead	1.5m H05RN-F 3G 0.75mm² 7mm outside
Type of Wiring Required	Parallel (mains) 220 - 240V AC 50/60Hz

### LED DRIVERS

Product Code	mA	Dimming	Bathroom Zone	Min	Max
N/A (integrated SELV driver)	-	No	-	-	-

### ACCESSORIES

Product Code	Description	
BOL255RM	Root mounting kit	291
JB5	Gel filled junction box	375

### GUARANTEE / WARRANTY

7 year extended warranty available

### FEATURES & BENEFITS

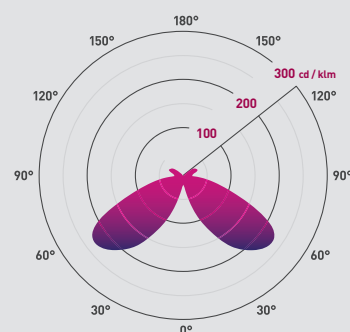
Modular design for simple installation

Low glare

Root-mount or surface-mount

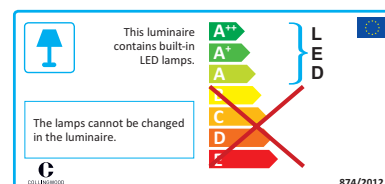
360° illumination, ideal for pathways, boundary marking, or general illumination of public spaces

Surface-mount bracket and fixtures are included



Beam angle: 55°

Additional diagrams available at [collingwoodlighting.com](http://collingwoodlighting.com)





COLLINGWOOD  
LIGHTING



## GUARANTEE / WARRANTY

7 year extended warranty available

## BOL256

985mm straight to mains anodised aluminium LED bollard

### FEATURES

Wattage	16.5W	Input	Mains AC
IP Rating	IP65	IK Rating	IK10
LED Lifetime	70,000h L70, B50	SDCM	3SDCM

### PHOTOMETRICS @ 25°C

Colour	Beam Angle	Product Code	CRI	lm	lm/W	lx at 1m
3000K	55°	BOL256WW	>85Ra	750	45	53

### INSTALLATION INFORMATION

Weight	10kg	Inrush Current	38.8A 0.002ms
Construction Material	Anodised aluminium / polycarbonate	Face Temperature	35°C
Ambient Temperature	40°C		
Building Regulations	Part P (electrical safety)		

### WIRING INFORMATION

Cable / Flying Lead	1.5m H05RN-F 3G 0.75mm² 7mm outside
Type of Wiring Required	Parallel (mains) 220 - 240V AC 50/60Hz

### LED DRIVERS

Product Code	mA	Dimming	Bathroom Zone	Min	Max
N/A (integrated SELV driver)	-	No	-	-	-

### ACCESSORIES

Product Code	Description	
BOL255RM	Root mounting kit	291
JB5	Gel filled junction box	375

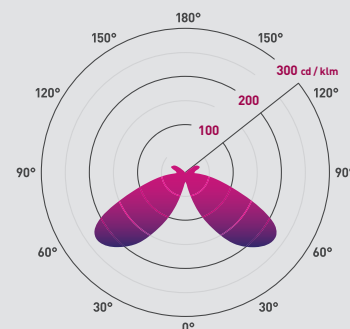
## FEATURES & BENEFITS

low glare 360° illumination, ideal for pathways, boundary marking, or general illumination of exterior spaces

Modular design for simple installation

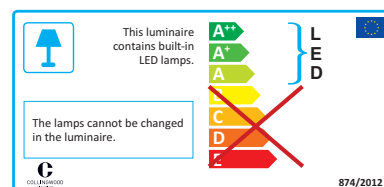
Root-mount or surface-mount

Surface-mount bracket and fixtures are included



Beam angle: 55°

Additional diagrams available at [collingwoodlighting.com](http://collingwoodlighting.com)





**GUARANTEE / WARRANTY**

1 .year guarantee

**BOL255RM**

Stainless steel root mounting kit

**FEATURES**

Product code	BOL255RM
Construction material	Stainless steel (316)
Weight	480g

**ACCESSORIES**

Product code	Description	
BOL255	585mm, straight to mains, anodised aluminium LED bollard	289
BOL256	985mm, straight to mains, anodised aluminium LED bollard	290

**FEATURES & BENEFITS**

Marine grade stainless steel (316) construction

Can be used with concrete or other building materials

Supplied with expanding bolts for security





# LED Strip.

Flexible or rigid, Collingwood Lighting's wide offering of LED strip lights are a time efficient way of creating stunning results in almost any environment. We offer a comprehensive range of accessories designed to ensure that installing these products is quick and easy. Choose from a range of styles and LED colours to emphasise signs, stairs and walls. Collingwood's LED products contain output control technology, ensuring that all LEDs in the strip receive the same current are the same colour temperature and CRI throughout the entire length.

Including IP rated strips in the product portfolio allows the option to install both in and outdoors, with very little maintenance required over time. Combined with the appropriate connectors, the need for unsightly wiring on display is eliminated, allowing the product to be displayed around sharp corners, resulting in a high-quality finish for any installation.



# CHOOSING THE IDEAL LED STRIP

## FOR YOUR INSTALLATION

Follow the three easy steps below to determine the perfect LED strip for your installation.

1

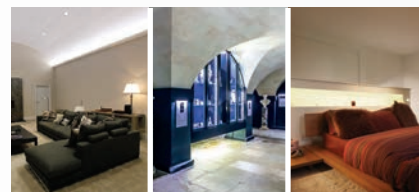
### Where are you using your LED strip?

What IP rating do you require?

IP20

#### Indoor spaces

For indoor spaces such as living rooms, dining rooms and other living spaces, IP20 LED strip is the most suitable choice.



2

### Do you need primary or secondary lighting?

How powerful does the LED strip need to be?

4.8W

#### Secondary lighting

4.8W LED strip is ideal for task lighting, under cabinets and kickboards.



3

### How warm or cool is the atmosphere of the room required?

What colour temperature do you need?

2700K

#### Warmest

For a warm and intimate feel, use 2700K.



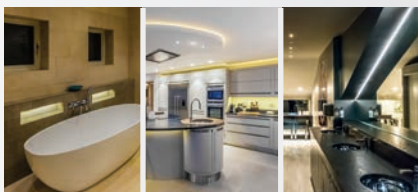
Now you've narrowed your requirements, use the tables on the next page to determine the correct LED strip for you



**IP44**

### Indoor spaces near water

For indoor spaces such as kitchens or bathrooms, IP44 LED strip is the ideal choice.

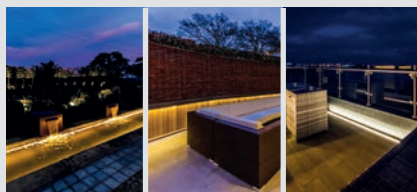


**IP68**

When cut the LED strip becomes IP65

### Outdoor spaces and under water

For outdoor spaces, IP65 and above is perfect. When installing LED strip under water, IP68 is the only choice.



**9.6W**

### Secondary lighting

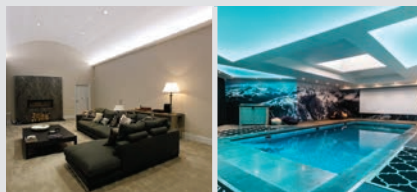
9.6W LED strip is a suitable solution for accent lighting used in coves to create atmosphere.



**14.4W**

### Primary lighting

14.4W LED strip can be used for lighting a room utilising coves.



**19.2W**

### Primary lighting

19.2W LED strip is ideal for lighting up a room with higher ceilings or with exposed beams.



**3000K**

### Warm

For the warmth of a halogen, use 3000K.



**4000K**

### Natural white

To replicate the look of daylight, use 4000K.



**6500K**

### Cool

For a cool, crisp look, use 6500K.





# CHOOSING THE IDEAL LED STRIP

## FOR YOUR INSTALLATION

Having identified the IP rating, wattage and colour temperature required, use the tables below to ascertain which LED strip will suit your installation.

- 1 Locate the correct IP rating
- 2 Continue across the table to identify the wattage required
- 3 Finally, select the relevant colour temperature
- ✓ This will provide you with the LED strip part code you'll need to place your order.

### Premium

Our premium Collingwood LED strip utilises constant current technology to ensure there is no loss in light output, regardless of how long the strip is or how far away the driver is.

### Essentially Collingwood

Our Essentially Collingwood LED strip utilises constant voltage, making it the perfect solution for shorter distances as there will be no loss of light output up to 5m.

	IP rating	Wattage	Colour temperature
LSC0327050 Page 319	IP20	4.8W/m	2700K
LSC0330050 Page 319	IP20	4.8W/m	3000K
LSC0340050 Page 319	IP20	4.8W/m	4000K
LSC4327050 Page 320	IP44	4.8W/m	2700K
LSC4330050 Page 320	IP44	4.8W/m	3000K
LSC4340050 Page 320	IP44	4.8W/m	4000K
LSC4527050 Page 321	IP44	14.4W/m	2700K
LSC4530050 Page 321	IP44	14.4W/m	3000K
LSC4540050 Page 321	IP44	14.4W/m	4000K
LEDSTRIP IP WW Page 323	IP66	2.9W/m	3000K
LEDSTRIP IP NW Page 323	IP66	2.9W/m	4000K
LSC8327050 Page 322	IP68	4.8W/m	2700K
LSC8330050 Page 322	IP68	4.8W/m	3000K
LSC8340050 Page 322	IP68	4.8W/m	4000K

	IP rating	Wattage	Colour temperature
LSV0227050 Page 304	IP20	4.8W/m	2700K
LSV0230050 Page 304	IP20	4.8W/m	3000K
LSV0240050 Page 304	IP20	4.8W/m	4000K
LSV0265050 Page 304	IP20	4.8W/m	6500K
LSV0527050 Page 305	IP20	9.6W/m	2700K
LSV0530050 Page 305	IP20	9.6W/m	3000K
LSV0540050 Page 305	IP20	9.6W/m	4000K
LSV0565050 Page 305	IP20	9.6W/m	6500K
LSV0427050 Page 306	IP20	14.4W/m	2700K
LSV0430050 Page 306	IP20	14.4W/m	3000K
LSV0440050 Page 306	IP20	14.4W/m	4000K
LSV0465050 Page 306	IP20	14.4W/m	6500K
LSV0627050 Page 307	IP20	19.2W/m	2700K
LSV0630050 Page 307	IP20	19.2W/m	3000K
LSV0640050 Page 307	IP20	19.2W/m	4000K
LSV0665050 Page 307	IP20	19.2W/m	6500K

## IP rating

- IP20** Indoor spaces
- IP44** Indoor spaces near water
- IP68** Outdoor spaces and under water  
When cut, the LED strip becomes IP65. This is still appropriate for outdoor use but cannot be used under water.

## Wattage

- 4.8W** Secondary lighting
- 9.6W** Secondary lighting
- 14.4W** Primary lighting
- 19.2W** Primary lighting

## Colour temperature

- 2700K** Warmest
- 3000K** Warm
- 4000K** Natural white
- 6500K** Cool

	IP rating	Wattage	Colour temperature
<b>LSV4227050</b> Page 308	IP44	4.8W/m	2700K
<b>LSV4230050</b> Page 308	IP44	4.8W/m	3000K
<b>LSV4240050</b> Page 308	IP44	4.8W/m	4000K
<b>LSV4265050</b> Page 308	IP44	4.8W/m	6500K
<b>LSV4527050</b> Page 309	IP44	9.6W/m	2700K
<b>LSV4530050</b> Page 309	IP44	9.6W/m	3000K
<b>LSV4540050</b> Page 309	IP44	9.6W/m	4000K
<b>LSV4565050</b> Page 309	IP44	9.6W/m	6500K
<b>LSV4427050</b> Page 310	IP44	14.4W/m	2700K
<b>LSV4430050</b> Page 310	IP44	14.4W/m	3000K
<b>LSV4440050</b> Page 310	IP44	14.4W/m	4000K
<b>LSV4465050</b> Page 310	IP44	14.4W/m	6500K
<b>LSV4627050</b> Page 311	IP44	19.2W/m	2700K
<b>LSV4630050</b> Page 311	IP44	19.2W/m	3000K
<b>LSV4640050</b> Page 311	IP44	19.2W/m	4000K
<b>LSV4665050</b> Page 311	IP44	19.2W/m	6500K

	IP rating	Wattage	Colour temperature
<b>LSV8227050</b> Page 312	IP68 (IP65 when cut)	4.8W/m	2700K
<b>LSV8230050</b> Page 312	IP68 (IP65 when cut)	4.8W/m	3000K
<b>LSV8240050</b> Page 312	IP68 (IP65 when cut)	4.8W/m	4000K
<b>LSV8265050</b> Page 312	IP68 (IP65 when cut)	4.8W/m	6500K
<b>LSV8527050</b> Page 313	IP68 (IP65 when cut)	9.6W/m	2700K
<b>LSV8530050</b> Page 313	IP68 (IP65 when cut)	9.6W/m	3000K
<b>LSV8540050</b> Page 313	IP68 (IP65 when cut)	9.6W/m	4000K
<b>LSV8565050</b> Page 313	IP68 (IP65 when cut)	9.6W/m	6500K
<b>LSV8427050</b> Page 314	IP68 (IP65 when cut)	14.4W/m	2700K
<b>LSV8430050</b> Page 314	IP68 (IP65 when cut)	14.4W/m	3000K
<b>LSV8440050</b> Page 314	IP68 (IP65 when cut)	14.4W/m	4000K
<b>LSV8465050</b> Page 314	IP68 (IP65 when cut)	14.4W/m	6500K
<b>LSV8627050</b> Page 315	IP68 (IP65 when cut)	19.2W/m	2700K
<b>LSV8630050</b> Page 315	IP68 (IP65 when cut)	19.2W/m	3000K
<b>LSV8640050</b> Page 315	IP68 (IP65 when cut)	19.2W/m	4000K
<b>LSV8665050</b> Page 315	IP68 (IP65 when cut)	19.2W/m	6500K

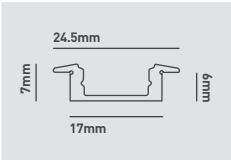
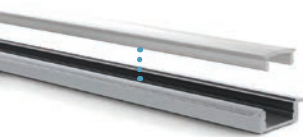
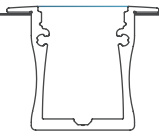
# CHOOSING THE IDEAL PROFILE

## FOR YOUR INSTALLATION

We recommend housing your LED strip in a profile to provide a clean, flat surface and professional finish.

### Recessed profile

Ideal for recessing into walled material to blend seamlessly and create flat surfaces.

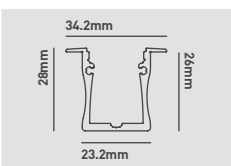


**RP7**  
7mm deep recessed anodised aluminium profile & translucent diffuser

Product Code	1m: RP7010 2m: RP7020
Construction material	Anodised aluminium & plastic diffuser
Guarantee	1-year

#### ACCESSORIES (Supplied with profile)

**RP7ECA / RP7ECB**  
End cap



**RP28**  
28mm deep recessed anodised aluminium profile & translucent diffuser

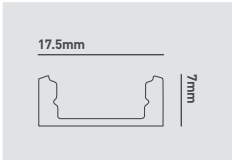
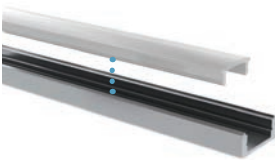
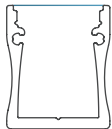
Product Code	1m: RP28010 2m: RP28020
Construction material	Anodised aluminium & plastic diffuser
Guarantee	1-year

#### ACCESSORIES (Supplied with profile)

**End cap**  
(Not sold separately)

### Surface-mount profile

Perfect for use in ceiling voids, shelves and under cabinets to create a clean and effective installation.



**SM7**  
7mm slim surface-mount anodised aluminium profile & translucent diffuser

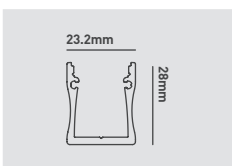
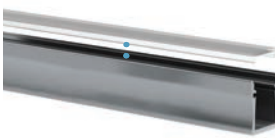
Product Code	1m: SM7010 2m: SM7020
Construction material	Anodised aluminium & plastic diffuser
Guarantee	1-year

#### ACCESSORIES (Supplied with profile) (Sold separately)

**SM7ECA / SM7ECB**  
End cap

**SM7MA**  
Mounting bracket

**SM7LC**  
Linear connector



**SM28**  
28mm deep surface-mount anodised aluminium profile & translucent diffuser

Product Code	1m: SM28010 2m: SM28020
Construction material	Anodised aluminium & plastic diffuser
Guarantee	1-year

#### ACCESSORIES (Sold separately)

**SM28ECA**  
End cap

**SM28MB**  
Mounting bracket

## 7mm deep profile

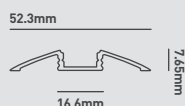
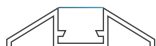
A thinner, recessed profile will fit into thinner materials. Using a slimmer, surface-mount profile allows for a more discreet output when surface mounted.

## 28mm deep profile

Using a deeper profile will result in a diffused light, creating a softer ambiance.

## Floor profile

These are perfect for surface mounting whereby the strip can be walked over. This profile is also specifically convex shaped so that the installation will not become a trip hazard.



### CX7

7mm slim surface-mount anodised aluminium profile & translucent diffuser

Product Code	1m: CX7010 2m: CX7020
Construction material	Anodised aluminium & plastic diffuser
Guarantee	1-year

#### ACCESSORIES (Sold separately)

CX7ECA / CX7ECB  
End cap

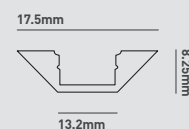


CX7ECC / CX7ECD  
End cap with holding ears



## Surface-mount corner profile

Ideal for installing into a 90° corner, which is ideal for use under shelving and cabinets for a seamless installation.



### C07

45° slim surface-mount corner anodised aluminium profile & translucent diffuser

Product Code	1m: C07010 2m: C07020
Construction material	Anodised aluminium & plastic diffuser
Guarantee	1-year

#### ACCESSORIES (Sold separately)

C07ECA / C07ECB  
End cap



C07MB  
Mounting bracket





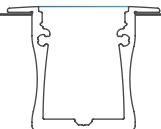
# CHOOSING PROFILE FOR LEDSTRIP IP

## IN YOUR INSTALLATION

We recommend housing your LED strip in a profile to provide a clean, flat surface and professional finish.

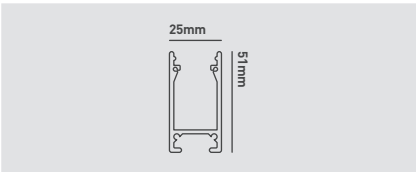
### Recessed profile

Ideal for recessing into walled materials to blend seamlessly and create flat surfaces.



**LINE PROFILE 20MM 1M**  
Recessed profile for LEDSTRIP IP

Product Code	1m: LEDLINE PROFILE 20MM 1M
Construction material	Anodised aluminium & plastic diffuser
Guarantee	1 year



ACCESSORIES (Sold separately)

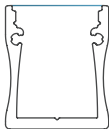
LINE PROF END CAP  
End cap

LINE PROF FIX CLIP  
Fixes profile to surfaces

ACRYLIC COVER  
Clear acrylic cover

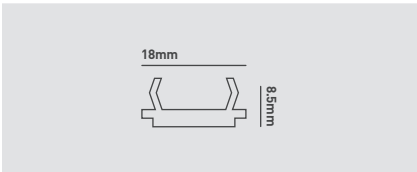
### Surface-mount profile

Perfect for surface mounting whereby the strip can be walked over. This profile is also specifically convex shaped so that the installation will not become a trip hazard.



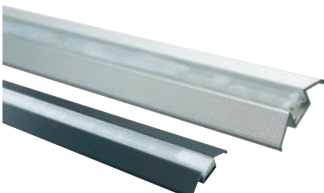
**U PROFILE 6X12 1M**  
8.5mm slim surface-mount

Product Code	1m: U PROFILE 6X12 1M
Construction material	PVC plastic
Guarantee	1 year



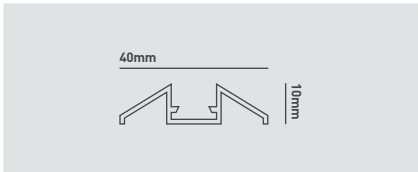
### Floor profile

Perfect for surface mounting whereby the strip can be walked over. This profile is also specifically convex shaped so that the installation will not become a trip hazard.



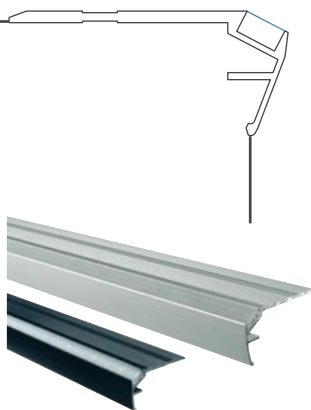
**PROFILE 6X12**  
Floor / wall profile for LEDSTRIP IP

Product Code	Black: PROF6X12BLK Silver: PROF6X12SIL
Construction material	Anodised aluminium & plastic diffuser
Guarantee	1 year



## Stair profile

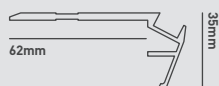
Suitable for installing into a 90° corner, which is ideal for use under shelving and cabinets for a seamless installation.



### STAIR PROFILE

Stair nosing for LEDSTRIP IP

Product Code	Black: SPBLK2M Silver: SPSIL2M
Construction material	Anodised aluminium & plastic diffuser
Guarantee	1 year



# LED COVE PACKS FOR YOUR INSTALLATION

Cove packs are a great way to illuminate a room by reflecting light off of a ceiling.



### LED COVE PACK

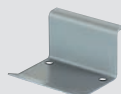
Coving to house adhesive LED strip

Product Code	LED COVE PACK
Construction material	Plastic
Guarantee	1 year

#### ACCESSORIES (Supplied with profile)

##### LED COVE CLIP

Fixing clip



## Why choose a cove pack?

Using a cove pack helps to create a sleek and contemporary finish when directing light from LED strip on to the ceiling. Pointing the strip upwards creates a striking wash of light up the wall as well as light hitting the ceiling and reflecting back to illuminate the room.

This paintable, plastic coving is a complete housing for the quickest installation of an illuminated LED coving. An upper channel holds a flexible lighting strip and a lower, concealed channel directs all the cabling. This process requires a minimal amount of building or electrical work. Available in 1m lengths.

# ACCESSORIES

## FOR YOUR LED STRIP

You may need additional connectors to extend your LED strip



**LSV02, LSV42, LSV82,  
LSV05, LSV45 & LSV85**

ACCESSORIES



**LSBFC8**

Connects LED strip to more LED strip

Product Code LSBFC8

Connector cannot be used inside 7mm profile

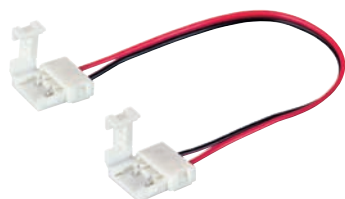


**LSBFCS8**

Adds 150mm fly leads to LED strip

Product Code LSBFCS8

Connector cannot be used inside 7mm profile



**LSBFCD8**

Connects LED strip to more LED strip with 150mm fly leads

Product Code LSBFCD8

Connector cannot be used inside 7mm profile



**LSV04, LSV44, LSV84,  
LSV06, LSV46 & LSV86**

ACCESSORIES



**LSBFC10**

Connects LED strip to more LED strip

Product Code LSBFC10

Connector cannot be used inside 7mm profile



**LSBFCS10**

Adds 150mm fly leads to LED strip

Product Code LSBFCS10

Connector cannot be used inside 7mm profile



**LSBFCD10**

Connects LED strip to more LED strip with 150mm fly leads

Product Code LSBFCD10

Connector cannot be used inside 7mm profile



**LSC03**

ACCESSORIES



**LSFC12**

Connects LED strip to more LED strip

Product Code LSFC12

Connector cannot be used inside 7mm profile

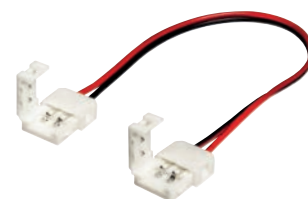


**LSFCS12**

Adds 150mm fly leads to LED strip

Product Code LSFCS12

Connector cannot be used inside 7mm profile



**LSFCD12**

Connects LED strip to more LED strip with 150mm fly leads

Product Code LSFCD12

Connector cannot be used inside 7mm profile



## LSC83

ACCESSORIES



## LSC8PWL

IP68 cable from driver to LED strip (JB6 to connect driver required)

Product Code

LSC8PWL

Connector cannot be used inside profile



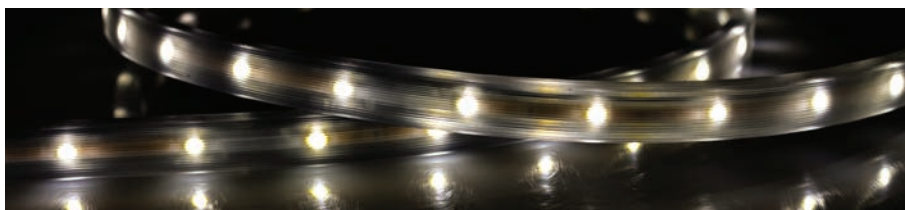
## LSC8EXT

1m extension cable to extend LSC8PWL cable

Product Code

LSC8EXT

Connector cannot be used inside profile



## LEDSTRIP IP

ACCESSORIES



## CONNECTOR 6X12

Connects LED strip to more LED strip with fly leads

Product Code

CONNECTOR 6X12

Connector cannot be used inside profile



## CON EXT 6X12

1.85m extension lead to connect LED strip to more LED strip

Product Code

CONEXTMF6X12

Connector cannot be used inside profile

CONNECTOR L 6X12

CONNECTOR X 6X12



CONNECTOR T 6X12

## L / T / X CONNECTORS

L-connector, T-connector, X-connector

Product Code

L-connector: CONNECTOR L 6X12  
T-connector: CONNECTOR T 6X12  
X-connector: CONNECTOR X 6X12

Connector cannot be used inside profile

CON MALE 6X12

CON FEMALE 6X12



## CON EXT CONNECTORS

Connects LED strip to more LED strip with 150mm fly leads

Product Code

Male: CON MALE 6X12  
Female: CON FEMALE 6X12

Connector cannot be used inside profile





COLLINGWOOD  
LIGHTING



## LSV02

Constant voltage, self-adhesive, flexible IP20 strip

### FEATURES

Wattage	4.8W per metre	IP Rating	IP20
Self-Adhesive Backing	Yes	LED Lifetime	30,000h
SDCM	5SDCM		

### PHOTOMETRICS @ 25°C

Colour	Beam Angle	Product Code	CRI	lm/m	lm/W	lx at 1m
6500K	120°	LSV0265050	>80Ra	560	117	184
4000K	120°	LSV0240050	>80Ra	490	102	161
3000K	120°	LSV0230050	>80Ra	450	94	148
2700K	120°	LSV0227050	>80Ra	430	90	141

### INSTALLATION INFORMATION

Weight	53g	Construction Material	Flexible tape
Face Temperature	<45°C	Ambient Temperature	40°C

### WIRING INFORMATION

Cable / Flying Lead	Supplied with a minimum of 200mm flying lead from one end
Type of Wiring Required	Parallel

### LED DRIVERS

Product Code	mA	SELV	Dimming	Bathroom Zone	Max
PS3024B	-	Yes	Yes (PDCINT1-10V)	-	5m
PSDIP6024	-	Yes	Yes	-	2 x 5m
PSDIP10024	-	Yes	Yes	-	3 x 5m

### ACCESSORIES

Product Code	Description	
LSBFC8 / LSBFCS8 / LSBFCD8	Range of fast fix connectors for use with LSV02	302-303
LED STRIP PROFILE RANGE	Profile range to house adhesive strip	298-299
LED COVE PACK	Coving to house adhesive strip	301
PDC/GRID DIMMER	Grid dimmer kit for multiple fitting types	374
PDCINT1-10V	1-10V dimming interface for use with 24V LED drivers	354

### GUARANTEE / WARRANTY

3 year guarantee

### FEATURES & BENEFITS

IP20 4.8W/m LED strip pack

Ideal for indoor use in a wide range of applications including task lighting

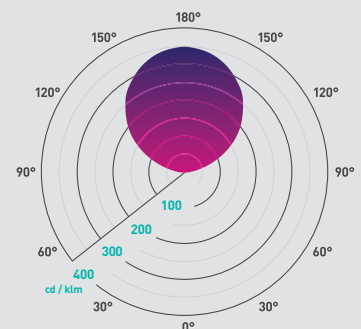
Excellent for secondary lighting

Cut points every 100mm

3M self-adhesive backing for secure and easy installation

Supplied in a resealable, antistatic bag to protect during transit

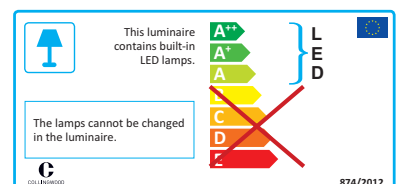
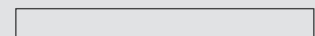
3 year guarantee



Beam angle: 120°

Additional diagrams available at [collingwoodlighting.com](http://collingwoodlighting.com)

5m (cut point every 100mm)





## LSV05

Constant voltage, self-adhesive, flexible IP20 strip

### FEATURES

Wattage	9.6W per metre	IP Rating	IP20
Self-Adhesive Backing	Yes	LED Lifetime	30,000h

### PHOTOMETRICS @ 25°C

Colour	Beam Angle	Product Code	CRI	lm/m	lm/W	lx at 1m
6500K	120°	LSV0565050	>80Ra	960	100	316
4000K	120°	LSV0540050	>80Ra	875	91	288
3000K	120°	LSV0530050	>80Ra	800	83	263
2700K	120°	LSV0527050	>80Ra	765	80	252

### INSTALLATION INFORMATION

Weight	60g	Construction Material	Flexible tape
Face Temperature	<45°C	Ambient Temperature	40°C

### WIRING INFORMATION

Cable / Flying Lead	Supplied with a minimum of 200mm flying lead from one end
Type of Wiring Required	Parallel

### LED DRIVERS

Product Code	mA	SELV	Dimming	Bathroom Zone	Max
PS5024	-	Yes	Yes (PDCINT1-10V)	-	5m
PSIP24024	-	Yes	Yes	-	4 x 5m
PSDIP10024	-	Yes	Yes	-	2 x 5m

### ACCESSORIES

Product Code	Description	
LSBFC8 / LSBFCS8 / LSBFCD8	Range of fast fix connectors for use with LSV05	302-303
LED STRIP PROFILE RANGE	Profile range to house adhesive strip	298-299
LED COVE PACK	Coving to house adhesive strip	301
PDC/GRID DIMMER	Grid dimmer kit for multiple fitting types	374
PDCINT1-10V	1-10V dimming interface for use with 24V LED drivers	354

### GUARANTEE / WARRANTY

3 year guarantee

### FEATURES & BENEFITS

IP20 9.6W/m LED strip pack

Ideal for indoor use in a wide range of applications including accent lighting

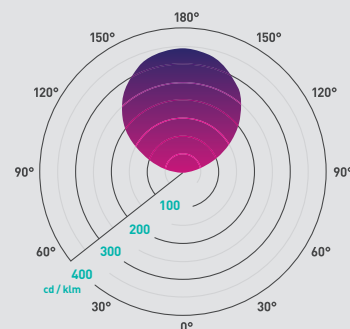
Excellent for secondary lighting

Cut points every 100mm

3M self-adhesive backing for secure and easy installation

Supplied in a resealable, antistatic bag to protect during transit

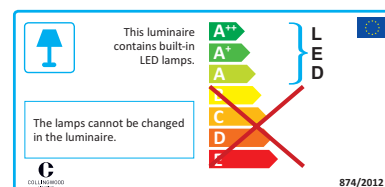
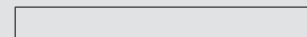
3 year guarantee



Beam angle: 120°

Additional diagrams available at [collingwoodlighting.com](http://collingwoodlighting.com)

5m (cut point every 100mm)





## LSV04

Constant voltage, self-adhesive, flexible IP20 strip

### FEATURES

Wattage	14.4W per metre	IP Rating	IP20
Self-Adhesive Backing	Yes	LED Lifetime	30,000h

### PHOTOMETRICS @ 25°C

Colour	Beam Angle	Product Code	CRI	lm/m	lm/W	lx at 1m
6500K	120°	LSV0465050	>80Ra	1100	76	362
4000K	120°	LSV0440050	>80Ra	1200	83	395
3000K	120°	LSV0430050	>80Ra	1050	73	346
2700K	120°	LSV0427050	>80Ra	1000	69	329

### INSTALLATION INFORMATION

Weight	80g	Construction Material	Flexible tape
Face Temperature	<55°C	Ambient Temperature	40°C

### WIRING INFORMATION

Cable / Flying Lead	Supplied with a minimum of 200mm flying lead from one end
Type of Wiring Required	Parallel

### LED DRIVERS

Product Code	mA	SELV	Dimming	Bathroom Zone	Max
PS5024	-	Yes	Yes (PDCINT1-10V)	-	3m
PSIP24024	-	Yes	Yes	-	3 x 5m
PS7524	-	Yes	Yes (PDCINT1-10V)	-	5m

### ACCESSORIES

Product Code	Description	
LSBFC10 / LSBFCS10 / LSBFCD10	Range of fast fix connectors for use with LSV04	302-303
LED STRIP PROFILE RANGE	Profile range to house adhesive strip	298-299
LED COVE PACK	Coving to house adhesive strip	301
PDC/GRID DIMMER	Grid dimmer kit for multiple fitting types	374
PDCINT1-10V	1-10V dimming interface for use with 24V LED drivers	354



COLLINGWOOD  
LIGHTING

### GUARANTEE / WARRANTY

3 year guarantee

### FEATURES & BENEFITS

IP20 14.4W/m LED strip pack

Ideal for indoor use

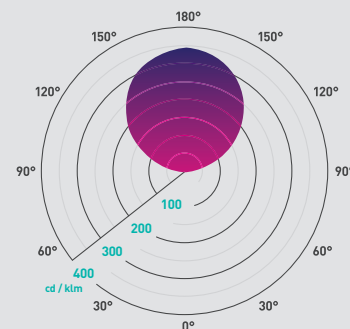
Excellent for primary lighting and within coving

Cut points every 100mm

3M self-adhesive backing for secure and easy installation

Supplied in a resealable, antistatic bag to protect during transit

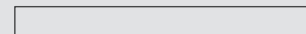
3 year guarantee



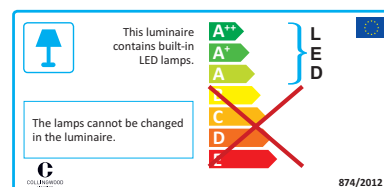
Beam angle: 120°

Additional diagrams available at [collingwoodlighting.com](http://collingwoodlighting.com)

5m (cut point every 100mm)



10mm





COLLINGWOOD  
LIGHTING



## LSV06

Constant voltage, self-adhesive, flexible IP20 strip

### GUARANTEE / WARRANTY

3 year guarantee

### FEATURES & BENEFITS

IP20 19.2W/m LED strip pack

Ideal for indoor use in a wide range of applications including accent lighting

Excellent for primary lighting with high ceilings and exposed beams

Cut points every 100mm

3M self-adhesive backing for secure and easy installation

Supplied in a resealable, antistatic bag to protect during transit

3 year guarantee

#### FEATURES

Wattage	19.2W per metre	IP Rating	IP20
Self-Adhesive Backing	Yes	LED Lifetime	30,000h

#### PHOTOMETRICS @ 25°C

Colour	Beam Angle	Product Code	CRI	lm/m	lm/W	lx at 1m
6500K	120°	LSV0665050	>80Ra	1920	100	631
4000K	120°	LSV0640050	>80Ra	1745	91	574
3000K	120°	LSV0630050	>80Ra	1600	83	526
2700K	120°	LSV0627050	>80Ra	1525	79	502

#### INSTALLATION INFORMATION

Weight	0.083kg	Construction Material	Flexible tape
Face Temperature	<75°C	Ambient Temperature	40°C

#### WIRING INFORMATION

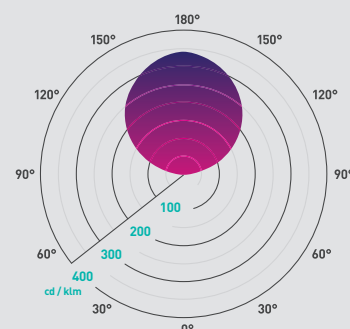
Cable / Flying Lead	Supplied with a minimum of 200mm flying lead from one end
Type of Wiring Required	Parallel

#### LED DRIVERS

Product Code	mA	SELV	Dimming	Bathroom Zone	Max
PSDIP6024	-	Yes	Yes (PDCINT1-10V)	-	3m
PSIP24024	-	Yes	Yes	-	2 x 5m
PSDIP10024	-	Yes	Yes	-	5m

#### ACCESSORIES

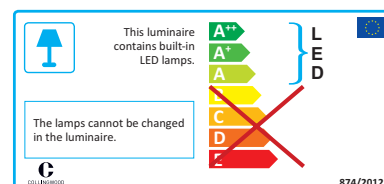
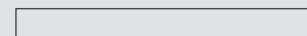
Product Code	Description	
LSBFC10 / LSBFCS10 / LSBFCD10	Range of fast fix connectors for use with LSV06	302-303
LED STRIP PROFILE RANGE	Profile range to house adhesive strip	298-299
LED COVE PACK	Coving to house adhesive strip	301
PDC/GRID DIMMER	Grid dimmer kit for multiple fitting types	374
PDCINT1-10V	1-10V dimming interface for use with 24V LED drivers	354



Beam angle: 120°

Additional diagrams available at [collingwoodlighting.com](http://collingwoodlighting.com)

5m (cut point every 100mm)







COLLINGWOOD  
LIGHTING



## LSV42

Constant voltage, self-adhesive, flexible IP44 strip

### FEATURES

Wattage	4.8W per metre	IP Rating	IP44
Self-Adhesive Backing	Yes	LED Lifetime	30,000h
SDCM	3SDCM		

### PHOTOMETRICS @ 25°C

Colour	Beam Angle	Product Code	CRI	lm/m	lm/W	lx at 1m
6500K	120°	LSV4265050	>80Ra	475	99	156
4000K	120°	LSV4240050	>80Ra	415	86	136
3000K	120°	LSV4230050	>80Ra	385	80	127
2700K	120°	LSV4227050	>80Ra	365	76	120

### INSTALLATION INFORMATION

Weight	150g	Construction Material	Flexible tape
Face Temperature	<40°C	Ambient Temperature	65°C

### WIRING INFORMATION

Cable / Flying Lead	Supplied with a minimum of 200mm flying lead from one end
Type of Wiring Required	Parallel

### LED DRIVERS

Product Code	mA	SELV	Dimming	Bathroom Zone	Max
PS3024B	-	Yes	Yes (PDCINT1-10V)	-	5m
PSDIP6024	-	Yes	Yes	-	2 x 5m
PSDIP10024	-	Yes	Yes	-	3 x 5m

### ACCESSORIES

Product Code	Description	
LSBFC8 / LSBFCS8 / LSBFCD8	Range of fast fix connectors for use with LSV42	302-303
LED STRIP PROFILE RANGE	Profile range to house adhesive strip	298-299
LED COVE PACK	Coving to house adhesive strip	301
PDC/GRID DIMMER	Grid dimmer kit for multiple fitting types	374
PDCINT1-10V	1-10V dimming interface for use with 24V LED drivers	354

### GUARANTEE / WARRANTY

3 year guarantee

### FEATURES & BENEFITS

IP44 4.8W/m LED strip pack

Ideal for use in kitchens and bathrooms

Excellent for secondary lighting

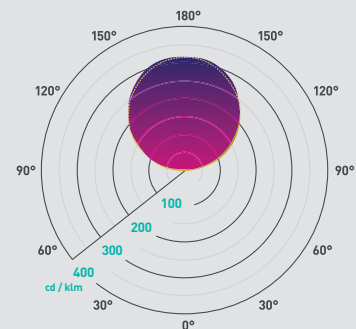
Cut points every 100mm

3M self-adhesive backing for secure and easy installation

Supplied in a resealable, antistatic bag to protect during transit

3 year guarantee

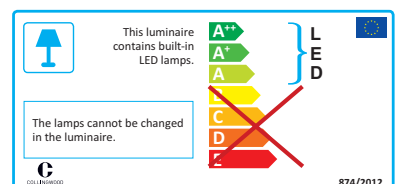
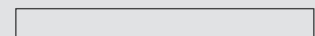
Also available in a convenient strip box, complete with a driver. These are ideal for smaller installations



Beam angle: 120°

Additional diagrams available at [collingwoodlighting.com](http://collingwoodlighting.com)

5m (cut point every 100mm)





COLLINGWOOD  
LIGHTING



## LSV45

Constant voltage, self-adhesive, flexible IP44 strip

### FEATURES

Wattage	9.6W per metre	IP Rating	IP44
Self-Adhesive Backing	Yes	LED Lifetime	30,000h

### PHOTOMETRICS @ 25°C

Colour	Beam Angle	Product Code	CRI	lm/m	lm/W	lx at 1m
6500K	100°	LSV4565050	>80Ra	815	85	279
4000K	100°	LSV4540050	>80Ra	745	78	255
3000K	100°	LSV4530050	>80Ra	680	71	233
2700K	100°	LSV4527050	>80Ra	650	68	223

### INSTALLATION INFORMATION

Weight	150g	Construction Material	Flexible tape
Bathroom Zone	2	Face Temperature	<40°C

### WIRING INFORMATION

Cable / Flying Lead	Supplied with a minimum of 200mm flying lead from one end
Type of Wiring Required	Parallel

### LED DRIVERS

Product Code	mA	SELV	Dimming	Bathroom Zone	Max
PS5024	-	Yes	Yes (PDCINT1-10V)	-	5m
PSIP24024	-	Yes	Yes	-	4 x 5m
PSDIP10024	-	Yes	Yes	-	2 x 5m

### ACCESSORIES

Product Code	Description	
LED STRIP PROFILE RANGE	Profile range to house adhesive strip	298-299
PDCINT1-10V	1-10V dimming interface for use with 24V LED drivers	354

### GUARANTEE / WARRANTY

3 year guarantee

### FEATURES & BENEFITS

IP44 9.6W/m LED strip pack

Ideal for use in kitchens and bathrooms

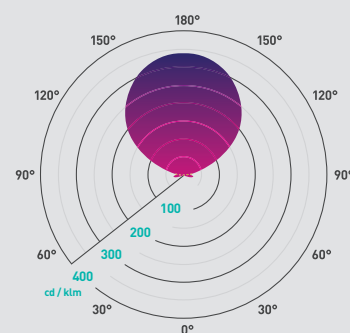
Excellent for secondary lighting

Cut points every 100mm

3M self-adhesive backing for secure and easy installation

Supplied in a resealable, antistatic bag to protect during transit

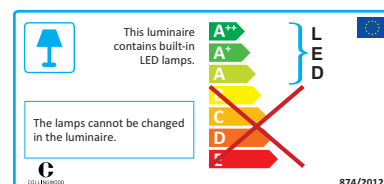
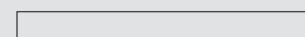
3 year guarantee



Beam angle: 100°

Additional diagrams available at [collingwoodlighting.com](http://collingwoodlighting.com)

5m (cut point every 100mm)





## LSV44

Constant voltage, IP44, self-adhesive 5m LED strip pack

### FEATURES

Wattage	14.4W per metre	IP Rating	IP44
Self-Adhesive Backing	Yes	LED Lifetime	30,000h

### PHOTOMETRICS @ 25°C

Colour	Beam Angle	Product Code	CRI	lm/m	lm/W	lx at 1m
6500K	100°	LSV4465050	>80Ra	1050	73	341
4000K	100°	LSV4440050	>80Ra	1000	69	325
3000K	100°	LSV4430050	>80Ra	1100	76	357
2700K	100°	LSV4427050	>80Ra	950	66	309

### INSTALLATION INFORMATION

Weight	196g	Construction Material	Flexible tape
Bathroom Zone	2	Face Temperature	<60°C
Ambient Temperature	40°C		

### WIRING INFORMATION

Cable / Flying Lead	Supplied with a minimum of 200mm flying lead from one end
Type of Wiring Required	Parallel

### LED DRIVERS

Product Code	mA	SELV	Dimming	Bathroom Zone	Max
PS5024	-	Yes	Yes (PDCINT1-10V)	-	3m
PS7524	-	Yes	Yes	-	5m
PSIP24024	-	Yes	Yes (PDCINT1-10V)	-	3 x 5m

### ACCESSORIES

Product Code	Description	
LED STRIP PROFILE RANGE	Profile range to house adhesive strip	298-299
LED COVE PACK	Coving to house adhesive strip	301
PDC/GRID DIMMER	Grid dimmer kit for multiple fitting types	374
PDCINT1-10V	1-10V dimming interface for use with 24V LED drivers	354



COLLINGWOOD  
LIGHTING

### GUARANTEE / WARRANTY

3 year guarantee

### FEATURES & BENEFITS

IP44 14.4W/m LED strip pack

Ideal for use in kitchens and bathrooms

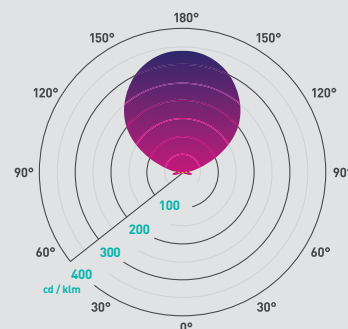
Excellent for primary lighting and within coving

Cut points every 100mm

3M self-adhesive backing for secure and easy installation

Supplied in a resealable, antistatic bag to protect during transit

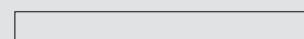
3 year guarantee



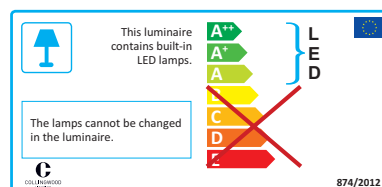
Beam angle: 100°

Additional diagrams available at [collingwoodlighting.com](http://collingwoodlighting.com)

5m (cut point every 100mm)



10mm





## LSV46

Constant voltage, IP44, self-adhesive 5m LED strip

### FEATURES

Wattage	19.2W per metre	IP Rating	IP44
Self-Adhesive Backing	Yes	LED Lifetime	30,000h

### PHOTOMETRICS @ 25°C

Colour	Beam Angle	Product Code	CRI	lm/m	lm/W	lx at 1m
6500K	120°	LSV4665050	>80Ra	1630	85	536
4000K	120°	LSV4640050	>80Ra	1485	77	488
3000K	120°	LSV4630050	>80Ra	1360	71	447
2700K	120°	LSV4627050	>80Ra	1295	67	426

### INSTALLATION INFORMATION

Weight	0.2kg	Construction Material	Flexible tape
Bathroom Zone	2	Face Temperature	<60°C
Ambient Temperature	40°C		

### WIRING INFORMATION

Cable / Flying Lead	Supplied with a minimum of 200mm flying lead from one end
Type of Wiring Required	Parallel

### LED DRIVERS

Product Code	mA	SELV	Dimming	Bathroom Zone	Max
PSDIP6024	-	Yes	Yes (PDCINT1-10V)	-	3m
PSDIP10024	-	Yes	Yes	-	5m
PSIP24024	-	Yes	Yes	-	2 x 5m

### ACCESSORIES

Product Code	Description	
LED STRIP PROFILE RANGE	Profile range to house adhesive strip	298-299
LED COVE PACK	Coving to house adhesive strip	301
PDC/GRID DIMMER	Grid dimmer kit for multiple fitting types	374
PDCINT1-10V	1-10V dimming interface for use with 24V LED drivers	354

### GUARANTEE / WARRANTY

3 year guarantee

### FEATURES & BENEFITS

IP44 19.2W/m LED strip pack

Ideal for use in kitchens and bathrooms

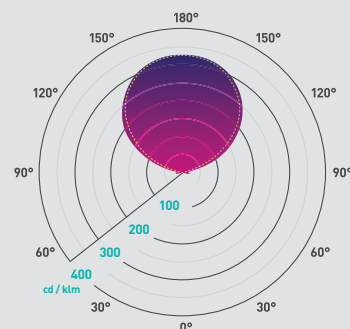
Excellent for primary lighting with high ceilings and exposed beams.

Cut points every 100mm

3M self-adhesive backing for secure and easy installation

Supplied in a resealable, antistatic bag to protect during transit

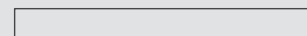
3 year guarantee



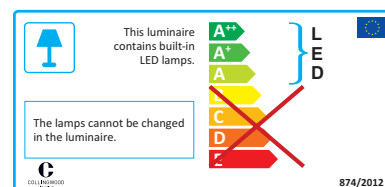
Beam angle: 120°

Additional diagrams available at [collingwoodlighting.com](http://collingwoodlighting.com)

5m (cut point every 100mm)



10mm







COLLINGWOOD  
LIGHTING



## LSV82

Constant voltage, IP68, self-adhesive 5m LED strip

### FEATURES

Wattage	4.8W per metre	IP Rating	IP68
Self-Adhesive Backing	Yes	LED Lifetime	30,000h

### PHOTOMETRICS @ 25°C

Colour	Beam Angle	Product Code	CRI	lm/m	lm/W	lx at 1m
6500K	120°	LSV8265050	>80Ra	475	99	156
4000K	120°	LSV8240050	>80Ra	415	86	136
3000K	120°	LSV8230050	>80Ra	385	80	127
2700K	120°	LSV8227050	>80Ra	365	76	120

### INSTALLATION INFORMATION

Weight	244g	Construction Material	Flexible tape
Bathroom Zone	0	Face Temperature	<40°C
Ambient Temperature	40°C		

### WIRING INFORMATION

Cable / Flying Lead	Supplied with a minimum of 200mm flying lead from one end
Type of Wiring Required	Parallel

### LED DRIVERS

Product Code	mA	SELV	Dimming	Bathroom Zone	Max
PS3024B	-	Yes	Yes (PDCINT1-10V)	-	5m
PSDIP10024	-	Yes	Yes	-	3 x 5m
PSDIP6024	-	Yes	Yes	-	2 x 5m

### ACCESSORIES

Product Code	Description	
PDC/GRID DIMMER	Grid dimmer kit for multiple fitting types	374
PDCINT1-10V	1-10V dimming interface for use with 24V LED drivers	354

### GUARANTEE / WARRANTY

3 year guarantee

### FEATURES & BENEFITS

IP68 4.8W/m LED strip pack

Ideal for use outside when waterproofing is required

Can be submerged in water permanently as a complete length

Any cuts are IP65

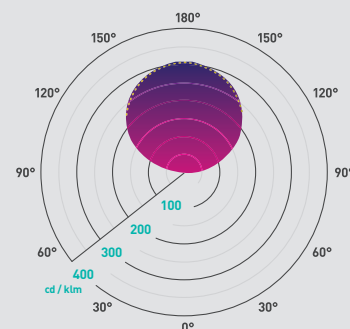
Excellent for secondary lighting

Cut points every 100mm (IP65 maximum)

Supplied in a resealable, antistatic bag to protect during transit

3 year guarantee

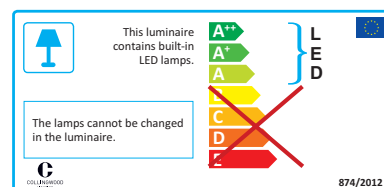
Not suitable for installation in chlorine or bromine environments



Beam angle: 120°

Additional diagrams available at [collingwoodlighting.com](http://collingwoodlighting.com)

5m (cut point every 100mm)





COLLINGWOOD  
LIGHTING



## LSV85

Constant voltage, IP68, self-adhesive 5m LED strip

### GUARANTEE / WARRANTY

3 year guarantee

### FEATURES & BENEFITS

IP68 9.6W/m LED strip pack

Ideal for use outside when waterproofing is required

Can be submerged in water permanently as a complete length

Any cuts are IP65

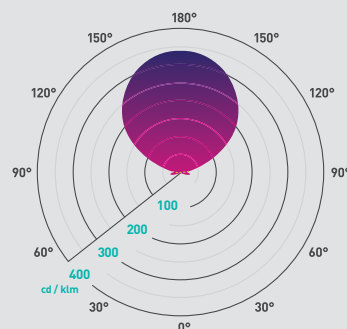
Excellent for secondary lighting

Cut points every 100mm (IP65 maximum)

Supplied in a resealable, antistatic bag to protect during transit

3 year guarantee

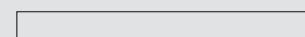
Not suitable for installation in chlorine or bromine environments



Beam angle: 100°

Additional diagrams available at [collingwoodlighting.com](http://collingwoodlighting.com)

5m (cut point every 100mm)



### FEATURES

Wattage	9.6W per metre	IP Rating	IP68
Self-Adhesive Backing	Yes	LED Lifetime	30,000h

### PHOTOMETRICS @ 25°C

Colour	Beam Angle	Product Code	CRI	lm/m	lm/W	lx at 1m
6500K	100°	LSV8565050	>80Ra	815	85	279
4000K	100°	LSV8540050	>80Ra	745	78	255
3000K	100°	LSV8530050	>80Ra	680	71	233
2700K	100°	LSV8527050	>80Ra	650	68	223

### INSTALLATION INFORMATION

Weight	0.25kg	Construction Material	Flexible tape
Bathroom Zone	0	Face Temperature	<40°C
Ambient Temperature	40°C		

### WIRING INFORMATION

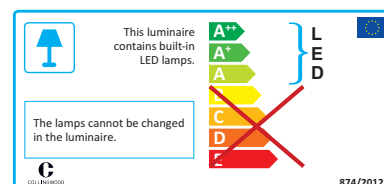
Cable / Flying Lead	Supplied with a minimum of 200mm flying lead from one end
Type of Wiring Required	Parallel

### LED DRIVERS

Product Code	mA	SELV	Dimming	Bathroom Zone	Max
PS5024	-	Yes	Yes (PDCINT1-10V)	-	5m
PSDIP10024	-	Yes	Yes	-	2 x 5m
PSIP24024	-	Yes	Yes	-	4 x 5m

### ACCESSORIES

Product Code	Description	
PDC/GRID DIMMER	Grid dimmer kit for multiple fitting types	374
PDCINT1-10V	1-10V dimming interface for use with 24V LED drivers	354





## LSV84

Constant voltage, IP68, self-adhesive 5m LED strip

### FEATURES

Wattage	14.4W per metre	IP Rating	IP68
Self-Adhesive Backing	Yes	LED Lifetime	30,000h

### PHOTOMETRICS @ 25°C

Colour	Beam Angle	Product Code	CRI	lm/m	lm/W	lx at 1m
6500K	100°	LSV8465050	>80Ra	1050	73	341
4000K	100°	LSV8440050	>80Ra	1100	76	357
3000K	100°	LSV8430050	>80Ra	1000	69	325
2700K	100°	LSV8427050	>80Ra	950	66	309

### INSTALLATION INFORMATION

Weight	0.33kg	Construction Material	Flexible tape
Bathroom Zone	0	Face Temperature	<60°C
Ambient Temperature	40°C		

### WIRING INFORMATION

Cable / Flying Lead	Supplied with a minimum of 200mm flying lead from one end
Type of Wiring Required	Parallel

### LED DRIVERS

Product Code	mA	SELV	Dimming	Bathroom Zone	Max
PS7524	-	Yes	Yes (PDCINT1-10V)	-	5m
PSDIP10024	-	Yes	Yes	-	5m
PSIP24024	-	Yes	Yes	-	3 x 5m

### ACCESSORIES

Product Code	Description	
PDC/GRID DIMMER	Grid dimmer kit for multiple fitting types	374
PDCINT1-10V	1-10V dimming interface for use with 24V LED drivers	354



COLLINGWOOD  
LIGHTING

### GUARANTEE / WARRANTY

3 year guarantee

### FEATURES & BENEFITS

IP68 14.4W/m LED strip pack

Ideal for use outside when waterproofing is required

Can be submerged in water permanently as a complete length

Any cuts are IP65

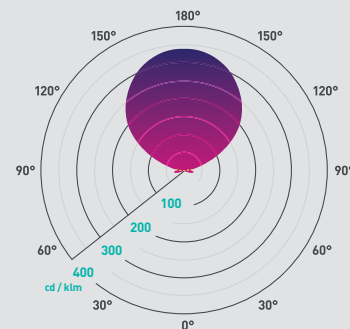
Excellent for secondary lighting

Cut points every 100mm (IP65 maximum)

Supplied in a resealable, antistatic bag to protect during transit

3 year guarantee

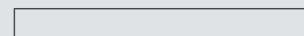
Not suitable for installation in chlorine or bromine environments



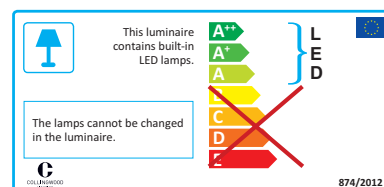
Beam angle: 100°

Additional diagrams available at [collingwoodlighting.com](http://collingwoodlighting.com)

5m (cut point every 100mm)



11mm





COLLINGWOOD  
LIGHTING



## LSV86

Constant voltage, IP68, self-adhesive 5m LED strip

### GUARANTEE / WARRANTY

3 year guarantee

### FEATURES & BENEFITS

IP68 19.2W/m LED strip pack

Ideal for use outside when waterproofing is required

Can be submerged in water permanently as a complete length

Any cuts are IP65

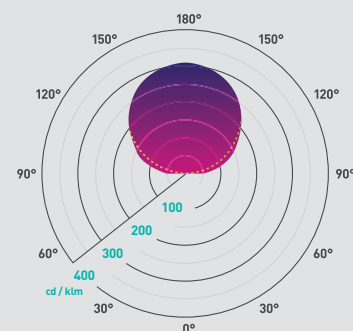
Excellent for primary lighting

Cut points every 100mm (IP65 maximum)

Supplied in a resealable, antistatic bag to protect during transit

3 year guarantee

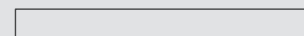
Not suitable for installation in chlorine or bromine environments



Beam angle: 120°

Additional diagrams available at [collingwoodlighting.com](http://collingwoodlighting.com)

5m (cut point every 100mm)



### FEATURES

Wattage	19.2W per metre	IP Rating	IP68
Self-Adhesive Backing	Yes	LED Lifetime	30,000h

### PHOTOMETRICS @ 25°C

Colour	Beam Angle	Product Code	CRI	lm/m	lm/W	lx at 1m
6500K	120°	LSV8665050	>80Ra	1630	85	536
4000K	120°	LSV8640050	>80Ra	1485	77	488
3000K	120°	LSV8630050	>80Ra	1360	71	447
2700K	120°	LSV8627050	>80Ra	1295	67	426

### INSTALLATION INFORMATION

Weight	312g	Construction Material	Flexible tape
Bathroom Zone	0	Face Temperature	<60°C
Ambient Temperature	40°C		

### WIRING INFORMATION

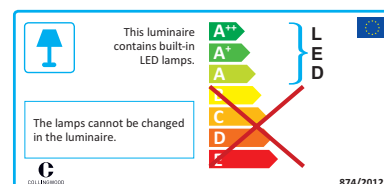
Cable / Flying Lead	Supplied with a minimum of 200mm flying lead from one end
Type of Wiring Required	Parallel

### LED DRIVERS

Product Code	mA	SELV	Dimming	Bathroom Zone	Max
PSDIP6024	-	Yes	Yes (PDCINT1-10V)	-	3m
PSDIP10024	-	Yes	Yes	-	5m
PSIP24024	-	Yes	Yes	-	2 x 5m

### ACCESSORIES

Product Code	Description	
PDC/GRID DIMMER	Grid dimmer kit for multiple fitting types	374
PDCINT1-10V	1-10V dimming interface for use with 24V LED drivers	354







COLLINGWOOD  
LIGHTING



## SP50

Constant voltage, self-adhesive, flexible IP20 4.8W strip pack with driver included

### FEATURES

Wattage	4.8W per metre	IP Rating	IP20
Self-Adhesive Backing	Yes	LED Lifetime	30,000h

### PHOTOMETRICS @ 25°C

Colour	Beam Angle	Product Code	CRI	lm/m	lm/W	lx at 1m
4000K	120°	SP5040	>80Ra	490	102	161
3000K	120°	SP5030	>80Ra	450	94	148
2700K	120°	SP5027	>80Ra	430	90	141

### INSTALLATION INFORMATION

Weight	53g	Construction Material	Flexible tape
Face Temperature	<45°C	Ambient Temperature	40°C

### WIRING INFORMATION

Cable / Flying Lead	Supplied with a minimum of 200mm flying lead from one end
Type of Wiring Required	Parallel

### LED DRIVERS

Product Code	SELV	mA	Dimming	Bathroom Zone	Max
PS3024B	Yes	-	Yes (PDCINT1-10V)	-	5m

### ACCESSORIES

Product Code	Description	
LSBFC8 / LSBFCS8 / LSBFCD8	Range of fast fix connectors for use with LSV02	302-303
LED STRIP PROFILE RANGE	Profile range to house adhesive strip	298-299
LED COVE PACK	Coving to house adhesive strip	301
PDC/GRID DIMMER	Grid dimmer kit for multiple fitting types	374
PDCINT1-10V	1-10V dimming interface for use with 24V LED drivers	354

### GUARANTEE / WARRANTY

3 year guarantee

### FEATURES & BENEFITS

IP20 4.8W/m LED strip pack

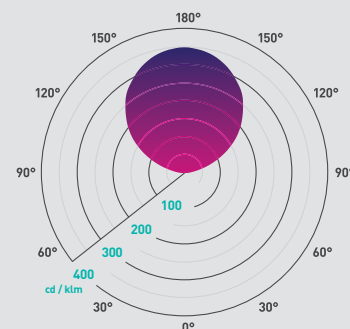
Ideal for indoor use in a wide range of applications including task lighting

Excellent for secondary lighting

Cut points every 100mm

3M self-adhesive backing for secure and easy installation

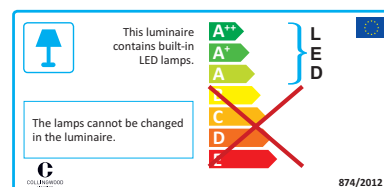
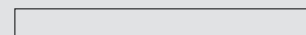
Supplied in a resealable, antistatic bag to protect during transit



Beam angle: 120°

Additional diagrams available at [collingwoodlighting.com](http://collingwoodlighting.com)

5m (cut point every 100mm)





## SP54

Constant voltage, self-adhesive, flexible IP20 14.4W strip pack with driver included

### FEATURES

Wattage	14.4W per metre	IP Rating	IP20
Self-Adhesive Backing	Yes	LED Lifetime	30,000h

### PHOTOMETRICS @ 25°C

Colour	Beam Angle	Product Code	CRI	lm/m	lm/W	lx at 1m
4000K	120°	SP5440	>80Ra	1200	83	395
3000K	120°	SP5430	>80Ra	1050	73	346
2700K	120°	SP5427	>80Ra	1000	69	329

### INSTALLATION INFORMATION

Weight	80g	Construction Material	Flexible tape
Face Temperature	<55°C	Ambient Temperature	40°C

### WIRING INFORMATION

Cable / Flying Lead	Supplied with a minimum of 200mm flying lead from one end
Type of Wiring Required	Parallel

### LED DRIVERS

Product Code	SELV	mA	Dimming	Bathroom Zone	Max
PS3024B	Yes	-	Yes (PDCINT1-10V)	2	5m

### ACCESSORIES

Product Code	Description	
LSBFC10 / LSBFCS10 / LSBFCD10	Range of fast fix connectors for use with LSV04	302-303
LED STRIP PROFILE RANGE	Profile range to house adhesive strip	298-299
LED COVE PACK	Coving to house adhesive strip	301
PDC/GRID DIMMER	Grid dimmer kit for multiple fitting types	374
PDCINT1-10V	1-10V dimming interface for use with 24V LED drivers	354

### GUARANTEE / WARRANTY

3 year guarantee

### FEATURES & BENEFITS

IP20 14.4W/m LED strip pack

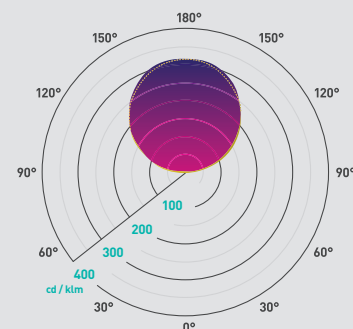
Ideal for indoor use

Excellent for primary lighting and within coving

Cut points every 100mm

3M self-adhesive backing for secure and easy installation

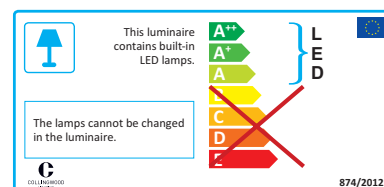
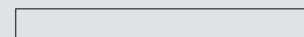
Supplied in a resealable, antistatic bag to protect during transit



Beam angle: 120°

Additional diagrams available at [collingwoodlighting.com](http://collingwoodlighting.com)

5m (cut point every 100mm)





COLLINGWOOD  
LIGHTING



## GUARANTEE / WARRANTY

3 year guarantee

# SP154

Constant voltage, self-adhesive, flexible IP44 14.4W strip pack with driver included

## FEATURES

Wattage	14.4W per metre	IP Rating	IP44
Self-Adhesive Backing	Yes	LED Lifetime	30,000h

## PHOTOMETRICS @ 25°C

Colour	Beam Angle	Product Code	CRI	lm/m	lm/W	lx at 1m
4000K	100°	SP15440	>80Ra	1000	69	325
3000K	100°	SP15430	>80Ra	1100	76	357
2700K	100°	SP15427	>80Ra	950	66	309

## INSTALLATION INFORMATION

Weight	196g	Construction Material	Flexible tape
Bathroom Zone	2	Face Temperature	<60°C
Ambient Temperature	40°C		

## WIRING INFORMATION

Cable / Flying Lead	Supplied with a minimum of 200mm flying lead from one end
Type of Wiring Required	Parallel

## LED DRIVERS

Product Code	SELV	mA	Dimming	Bathroom Zone	Max
PS7524	Yes	-	Yes (PDCINT1-10V)	2	5m

## ACCESSORIES

Product Code	Description	
LED STRIP PROFILE RANGE	Profile range to house adhesive strip	298-299
LED COVE PACK	Coving to house adhesive strip	301
PDC/GRID DIMMER	Grid dimmer kit for multiple fitting types	374
PDCINT1-10V	1-10V dimming interface for use with 24V LED drivers	354

## FEATURES & BENEFITS

IP44 14.4W/m LED strip pack

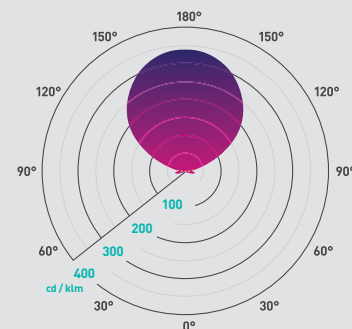
Ideal for use in kitchens and bathrooms

Excellent for primary lighting and within coving

Cut points every 100mm

3M self-adhesive backing for secure and easy installation

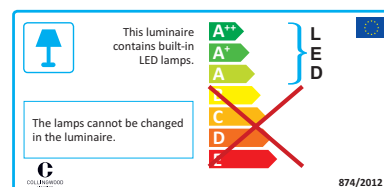
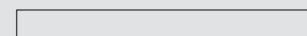
Supplied in a resealable, antistatic bag to protect during transit



Beam angle: 100°

Additional diagrams available at [collingwoodlighting.com](http://collingwoodlighting.com)

5m (cut point every 100mm)





## LSC03

Current regulated, self-adhesive, flexible strip

### FEATURES

Wattage	4.8W per metre	IP Rating	IP20
Self-Adhesive Backing	Yes	LED Lifetime	70,000h
SDCM	3SDCM		
Bespoke Lengths	Yes, call 01604 495 151 for more information		

### PHOTOMETRICS @ 25°C

Colour	Beam Angle	5m Reel Product Code	20m Reel Product Code	CRI	lm/m	lm/W	lx at 1m
4000K	150°	LSC0340050	LSC0340200	>80Ra	350	73	85
3000K	150°	LSC0330050	LSC0330200	>80Ra	350	73	85
2700K	150°	LSC0327050	LSC0327200	>80Ra	350	73	85

### INSTALLATION INFORMATION

Weight	10g/m	Construction Material	Flexible tape
Face Temperature	32°C	Ambient Temperature	35°C

### WIRING INFORMATION

Cable / Flying Lead	150mm flying lead with fast fix connector (LSFCS12) supplied on bespoke strip (Bespoke lengths up to 5m are available on request at extra charge)
Type of Wiring Required	Parallel

### LED DRIVERS

Product Code	mA	SELV	Dimming	Bathroom Zone	Max
PS1524	-	Yes	Yes (PDCINT1-10V)	-	3m
PS5024	-	Yes	Yes (PDCINT1-10V)	-	10m
PSDIP10024	-	Yes	Yes	-	20m

### ACCESSORIES

Product Code	Description	
LSFC12 / LSFCS12 / LSFCD12	Range of fast fix connectors for use with LSC03	302-303
LED STRIP PROFILE RANGE	Profile range to house adhesive strip	298-299
LED COVE PACK	Coving to house adhesive strip	301
PDCINT1-10V	1-10V dimming interface for use with 24V LED drivers	354

### GUARANTEE / WARRANTY

3 year guarantee

### FEATURES & BENEFITS

Cut point every 100mm

250mm flying leads attached (reel)

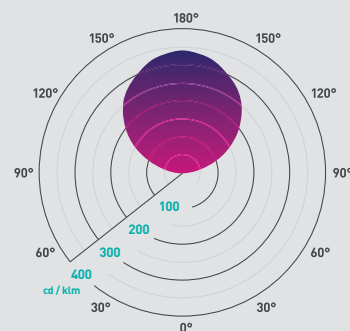
High quality LED strip using current regulation

Next generation strip. Long lengths (up to 20m) suffer no light loss

Foil backed flexible PCB dissipates heat (improves LED life and colour stability)

3M self-adhesive backing

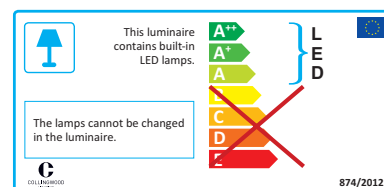
Supplied in customised lengths (0.1m up to 19.9m in 0.1m increments)



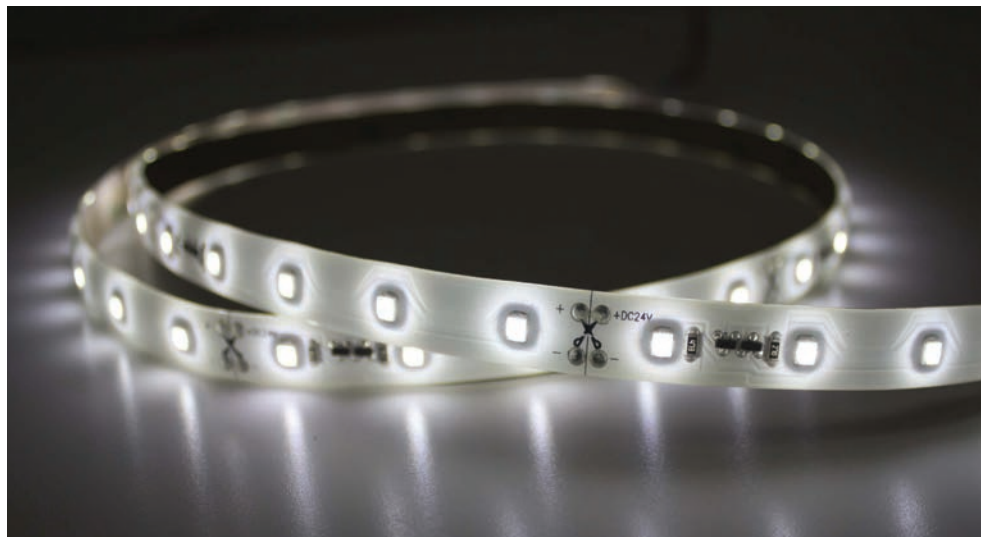
Beam angle: 150°

Additional diagrams available at [collingwoodlighting.com](http://collingwoodlighting.com)

20m/5m (cut point every 100mm)







## LSC43

Current regulated, self-adhesive, flexible splash-proof strip

### FEATURES

Wattage	4.8W per metre	IP Rating	IP44
Self-Adhesive Backing	Yes	LED Lifetime	70,000h
SDCM	3SDCM		
Bespoke Lengths	Yes, call 01604 495 151 for more information		

### PHOTOMETRICS @ 25°C

Colour	Beam Angle	Product Code	CRI	lm/m	lm/W	lx at 1m
4000K	150°	LSC4340050	>80Ra	350	73	85
3000K	150°	LSC4330050	>80Ra	350	73	85
2700K	150°	LSC4327050	>80Ra	350	73	85

### INSTALLATION INFORMATION

Weight	10g/m	Construction Material	Flexible tape
Bathroom Zone	2	Face Temperature	32°C

### WIRING INFORMATION

Cable / Flying Lead	0.25m (bespoke lengths up to 5m are available on request at an extra charge)
Type of Wiring Required	Parallel

### LED DRIVERS

Product Code	mA	SELV	Dimming	Bathroom Zone	Max
PS1524	-	Yes	Yes (PDCINT1-10V)	-	3m
PS5024	-	Yes	Yes (PDCINT1-10V)	-	10m
PSDIP10024	-	Yes	Yes	-	20m

### ACCESSORIES

Product Code	Description	
LED STRIP PROFILE RANGE	Profile range to house adhesive strip	298-299
PDC/GRID DIMMER	Grid dimmer kit for multiple fitting types	374



COLLINGWOOD  
LIGHTING

### GUARANTEE / WARRANTY

3 year guarantee

### FEATURES & BENEFITS

Hard-wearing clear splashproof covering

High quality LED strip using current regulation

Next generation strip. Long lengths suffer no light loss

Cut point every 100mm

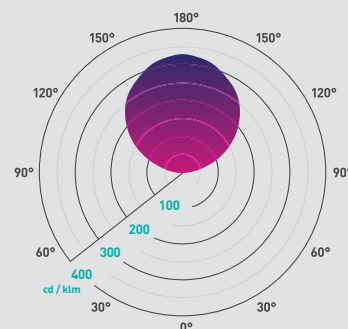
250mm fly leads attached

Foil backed flexible PCB dissipates heat (improves LED life and colour stability)

3M self-adhesive backing

Supplied in customised lengths (0.1m up to 4.9m in 0.1m increments)

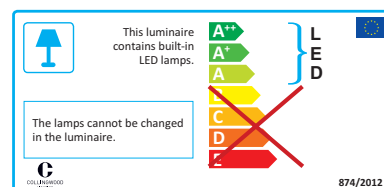
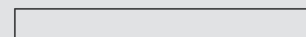
Bespoke lengths are sealed with heat shrink for complete IP44 connections



Beam angle: 150°

Additional diagrams available at [collingwoodlighting.com](http://collingwoodlighting.com)

5m (cut point every 100mm)





COLLINGWOOD  
LIGHTING



## LSC45

Current regulated, self-adhesive, high output, LED flexible splashproof strip

### GUARANTEE / WARRANTY

3 year guarantee

### FEATURES & BENEFITS

Hard-wearing clear splashproof covering

High output LED strip using next generation current regulation technology

Long lengths suffer no light loss

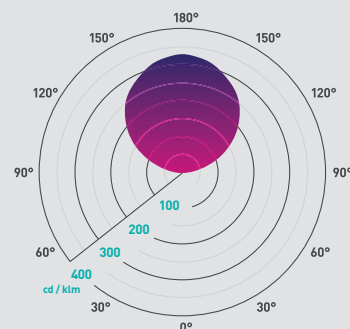
Cut point every 100mm

Bespoke lengths are sealed with heat shrink for complete IP44 connections

Foil backed flexible PCB dissipates heat (improves LED life and colour stability)

3M self-adhesive backing

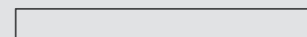
Supplied in customised lengths (0.1m up to 4.9m in 0.1m increments)



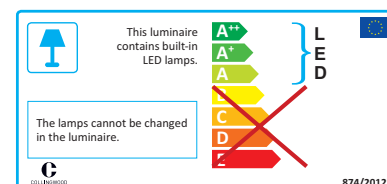
Beam angle: 150°

Additional diagrams available at [collingwoodlighting.com](http://collingwoodlighting.com)

5m (cut point every 100mm)



12mm



874/2012

### FEATURES

Wattage	14.4W per metre	IP Rating	IP44
Self-Adhesive Backing	Yes	LED Lifetime	70,000h
SDCM	3SDCM		
Bespoke Lengths	Yes, call 01604 495 151 for more information		

### PHOTOMETRICS @ 25°C

Colour	Beam Angle	Product Code	CRI	lm/m	lm/W	lx at 1m
4000K	150°	LSC4540050	>85Ra	1040	72	290
3000K	150°	LSC4530050	>85Ra	1000	69	280
2700K	150°	LSC4527050	>85Ra	1010	70	290

### INSTALLATION INFORMATION

Weight	10g/m	Construction Material	Flexible tape
Bathroom Zone	2	Face Temperature	32°C

### WIRING INFORMATION

Cable / Flying Lead	0.25m (bespoke lengths up to 5m are available on request at an extra charge)
Type of Wiring Required	Parallel

### LED DRIVERS

Product Code	mA	SELV	Dimming	Bathroom Zone	Max
PS5024	-	Yes	Yes (PDCINT1-10V)	-	3m
PSDIP10024	-	Yes	Yes	-	5m
PSIP24024	-	Yes	Yes (PDCINT1-10V)	-	3x5m

### ACCESSORIES

Product Code	Description	
LED STRIP PROFILE RANGE	Profile range to house adhesive strip	298-299
PDC/GRID DIMMER	Grid dimmer kit for multiple fitting types	374



## LSC83

Current regulated IP68 waterproof strip

### FEATURES

Wattage	4.8W per metre	IP Rating	IP68
Self-Adhesive Backing	Yes	LED Lifetime	70,000h
SDCM	3SDCM		
Bespoke Lengths	Yes, call 01604 495 151 for more information		

### PHOTOMETRICS @ 25°C

Colour	Beam Angle	Product Code	CRI	lm/m	lm/W	lx at 1m
4000K	120°	LSC8340050	>85Ra	400	85	137
3000K	120°	LSC8330050	>85Ra	360	76	123
2700K	120°	LSC8327050	>85Ra	350	74	120

### INSTALLATION INFORMATION

Weight	50g/m	Construction Material	Flexible tape with PU coating
Bathroom Zone	0	Face Temperature	32°C
Ambient Temperature	35°C		

### WIRING INFORMATION

Cable / Flying Lead	0.25m
Type of Wiring Required	Parallel

### LED DRIVERS

Product Code	mA	SELV	Dimming	Bathroom Zone	Max
PS1524	-	Yes	Yes (PDCINT1-10V)	-	3m
PS5024	-	Yes	Yes (PDCINT1-10V)	-	10m
PSDIP10024	-	Yes	Yes	-	20m

### ACCESSORIES

Product Code	Description	
PDC/GRID DIMMER	Grid dimmer kit for multiple fitting types	374
PDCINT1-10V	1-10V dimming interface for use with 24V LED drivers	354
LSC8PWL	1.8m cable, male IP68 (submersible to 1.5m) connector & end terminal	303
LSC8EXT	1m IP68 (submersible to 1.5m) extension lead with male/female connectors	303
JB6	Inline gel filled cable connector IP68 (submersible to 1.3m)	375



COLLINGWOOD  
LIGHTING

### GUARANTEE / WARRANTY

3 year guarantee

### FEATURES & BENEFITS

Hard-wearing clear waterproof covering

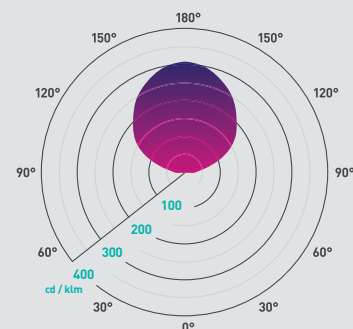
Available in 5m lengths (join up to 10m with no light loss)

Also supplied in customised lengths (0.1m up to 9.9m in 0.1m increments)

IP68 up to 1.5m

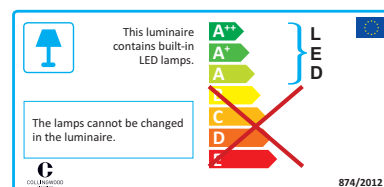
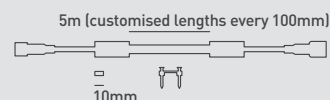
Complete with fixing clips

Not suitable for installation in chlorine or bromine environments



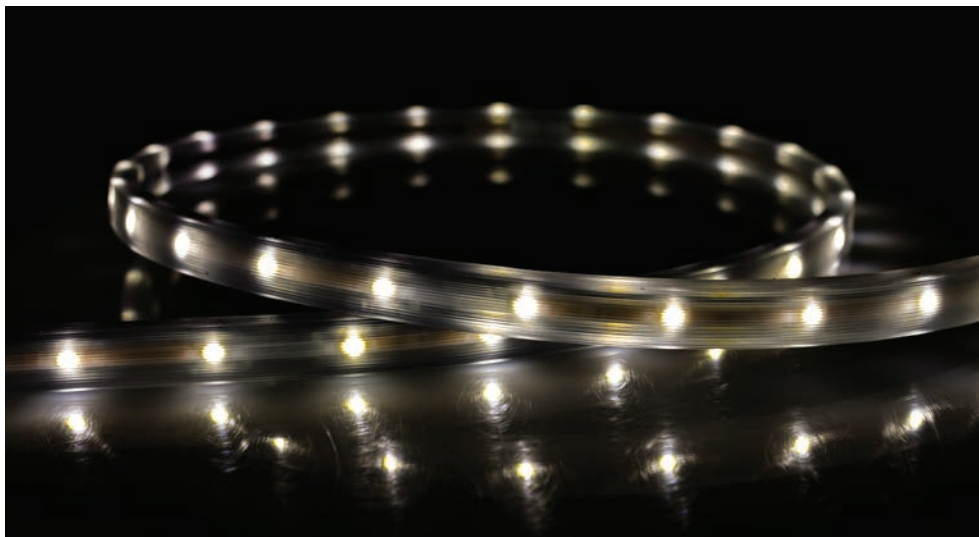
Beam angle: 120°

Additional diagrams available at [collingwoodlighting.com](http://collingwoodlighting.com)





COLLINGWOOD  
LIGHTING



## LEDSTRIP IP

Flexible waterproof LED strip

### GUARANTEE / WARRANTY

1 year guarantee

### FEATURES & BENEFITS

Cut point every 167mm

Range of wall and floor profiles available

Suitable for indoor and outdoor use

Use with LINE PROFILE 20MM 1M to fix in place

#### FEATURES

Wattage	2.9W per metre	IP Rating	IP66
LED Lifetime	70,000h	SDCM	3SDCM

#### PHOTOMETRICS @ 25°C

Colour	Beam Angle	Product Code	CRI	lm/m	lm/W	lx at 1m
4000K	130°	LEDSTRIP IP NW	>70Ra	224	77	35
3000K	130°	LEDSTRIP IP WW	>60Ra	207	71	28
Amber	130°	LEDSTRIP IP AMB	-	-	-	-
Blue	130°	LEDSTRIP IP BL	-	-	-	-
Red	130°	LEDSTRIP IP RED	-	-	-	-

#### INSTALLATION INFORMATION

Weight	100g/m	Construction Material	Plastic
Bathroom Zone	1	Face Temperature	37°C
Ambient Temperature	35°C		

#### WIRING INFORMATION

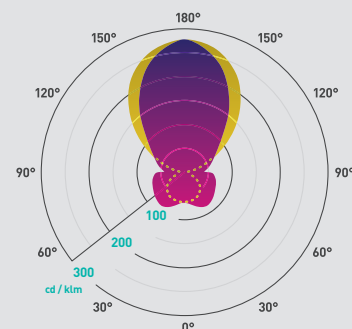
Type of Wiring Required	Parallel
-------------------------	----------

#### LED DRIVERS

Product Code	mA	SELV	Dimming	Bathroom Zone	Max
PS3024B	-	Yes	Yes (PDCINT1-10V)	1	5m
PS5024	-	Yes	Yes (PDCINT1-10V)	1	17m
PSDIP10024	-	Yes	Yes (1-10V)	1	34m

#### ACCESSORIES

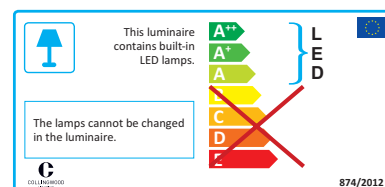
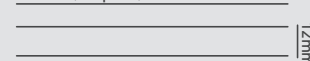
Product Code	Description	
CONNECTOR 6X12 / 5M	450mm/5m IP rated connector set for LEDSTRIP IP	303
CON EXT M/F 6X12	Extension lead for LEDSTRIP IP	303
CONNECTOR L, T, X 6X12	Connectors for LEDSTRIP IP	303
PDCINT1-10V	1-10V dimming interface for use with 24V LED drivers	354
LED STRIP PROFILES	Profile range to house LEDSTRIP IP	300-301



Beam angle: 130°

Additional diagrams available at [collingwoodlighting.com](http://collingwoodlighting.com)

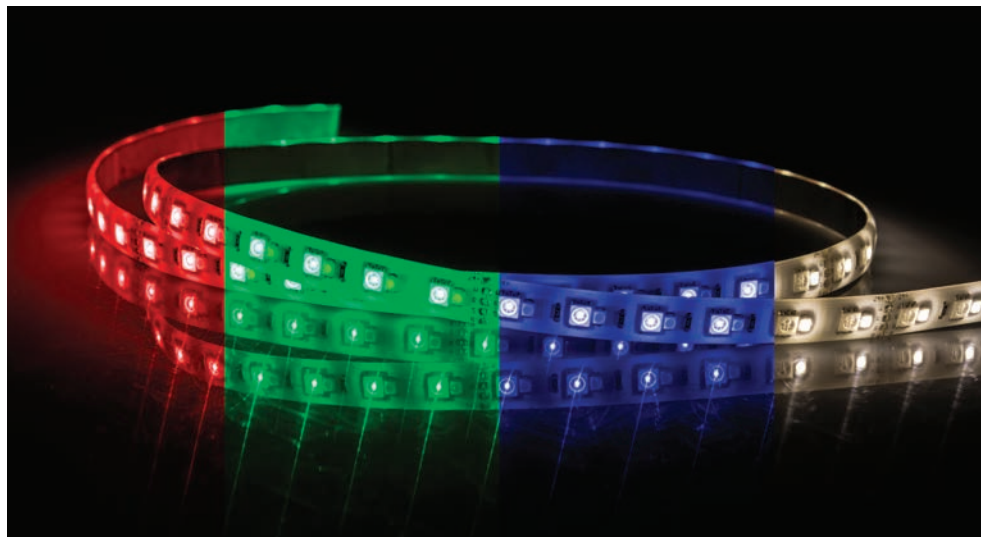
167mm (cut point)







COLLINGWOOD  
LIGHTING



## LSR05

Colour change, self-adhesive flexible strip with white LED (15W max.)

### FEATURES

Wattage	5W per metre	Input	Mains
IP Rating	IP20	Dimmable	Yes
Self-adhesive backing	Yes	LED lifetime	50,000h
RGBW	Yes		
Bespoke lengths available	Yes, call 01604 495 151 for more information		

### PHOTOMETRICS @ 25°C

Colour	Beam angle	5m reel product code	CRI	lm	lm/W	lx at 1m
4000K	120°	LSR0540050	>85Ra	350	70	80
3000K	120°	LSR0530050	>85Ra	350	70	80
2700K	120°	LSR0527050	>80Ra	350	70	80
Red	120°	-	-	130	33	20
Green	120°	-	-	270	90	70
Blue	120°	-	-	65	22	5

### INSTALLATION INFORMATION

Face temperature	57°	Construction material	Flexible tape
Weight	20g per metre		

### WIRING INFORMATION

Cable / flying lead	0.2m 5-core ribbon cable
Type of wiring required	Parallel

### LED DRIVERS

Product code	Input	SELV	Dimming	Bathroom zone	Min	Max
PR3002	24V	SELV	Yes	-	0.1mA	2x 5m

### ACCESSORIES

Product code	Description	
LED STRIP PROFILE RANGE	Profile range to house adhesive strip	296-299
CF505RGBW	5-core RGBW ribbon cable	370

### GUARANTEE / WARRANTY

3 year guarantee

### FEATURES & BENEFITS

Cut point every 100mm

Hard-wearing clear covering

Foil backed flexible PCB dissipates heat (improves LED life and colour stability)

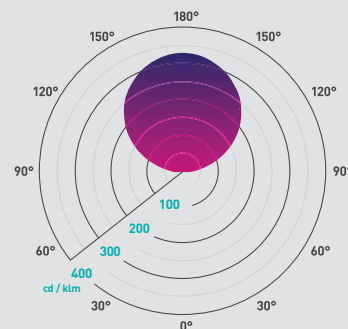
Full RGBW colour range

Separate white LED for permanent use

3M self-adhesive backing

Supplied in customised lengths (0.1m up to 4.9m in 100mm increments)  
5m reel also available

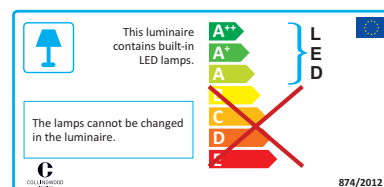
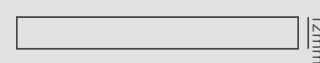
Compatible with a large range of controllers



Beam angle: 120°

Additional diagrams available at [collingwoodlighting.com](http://collingwoodlighting.com)

5m/100mm cut point





# Floodlights.

Popular for illuminating environments with bright washes of light, floodlights are becoming an indispensable element of security in today's society. Our 10W and 20W floodlights offer a crisp, flicker-free light to compliment any CCTV recordings and ensuring a perfect image when played back, providing reassurance and peace of mind.

Not only this, the circular bracket provides full 360° orientation of the light - even after installation - allowing for incredible illumination for every requirement. Should the installation requirements change in the future, the 360° control means the process is as simple as rotating the product in the desired direction. Colour switchable technology is also present with a convenient IP65 rated toggle switch, located on the back of the product. This can also be used after installation to aid you in choosing the right colour temperature for the environment.







# FLOODLIGHTS

## FUNCTIONAL AND SECURITY LIGHTING

Floodlights add security and illumination to outdoor areas of a home, outbuildings and business premises. LED floodlights are cost effective to run and can provide high intensity lighting to any space.

### PIR - passive infrared sensor

PIR sensors utilise infrared technology to detect motion in the surrounding area, only activating when required. These are a great option for adding safety and security to outside spaces such as parking areas, driveways and entrances.

#### How does it work?

PIR sensors detect changes in heat within the surrounding space.



When a new object enters the area the infrared energy levels change rapidly, this trips the sensor and turns on the light.



#### Directional sensor

Our floodlight PIR sensors are fully adjustable, allowing the option to point and trip the sensor in one direction and illuminate another.

In an ideal situation, this would be practised in areas such as alley ways, whereby the floodlight is used to light up an alley way but the sensor is triggered as a person approaches the walkway.



#### PIR override

In some instances, there may be a requirement for the floodlight to remain permanently on or off, eliminating the need for the PIR sensor on a temporary basis.

With the PIR override our floodlights have the ability to cater for a multitude of requirements, allowing for flexible and easy use.

To disable the PIR sensor, switch the floodlight off and on within two seconds. In this mode, the floodlight will remain illuminated until the PIR is activated again.

To reactivate the PIR sensor, switch the floodlight off for 10 seconds. When turned back on again, the floodlight will return to PIR mode.

### Colour switchable

We understand that colour temperature is an important consideration to make. That's why we've designed this light with three colour temperatures which can be changed using an IP65 switch on the back.

3000K



4000K



6500K



### High efficacy

With 118lm/W, we're proud to offer our floodlights as the most energy efficient we've ever produced.

Not only does this provide a cost saving over time, but is also hugely beneficial with regards to environmental welfare.

118lm/W

### Flicker-free

The two benefits of a flicker-free light are:

#### Visual comfort

Flickering lights can create uncomfortable environments and health problems such as migraines, so flicker-free alternatives make for a more comfortable setting.

#### Security

Flickering flood lights disrupt the quality of CCTV images. However, using flicker-free alongside cameras will ensure a perfect, crisp image.

## Adjustable bracket

With an adjustable bracket, our product can be positioned in any direction.

### Flexibility and reliability

Combining 360° rotation and 180° tilt, this light can be pointed in any direction, ensuring you can illuminate a space from any position.

#### 360° rotation

The product has a circular bracket at the end which allows it to be rotated in any direction. Once installed onto a wall, the light can be pointed in any direction with ease.



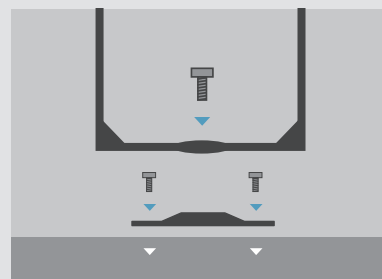
#### 180° tiltable

The bracket directly attached to the floodlight allows the product to tilt both upwards and downwards.



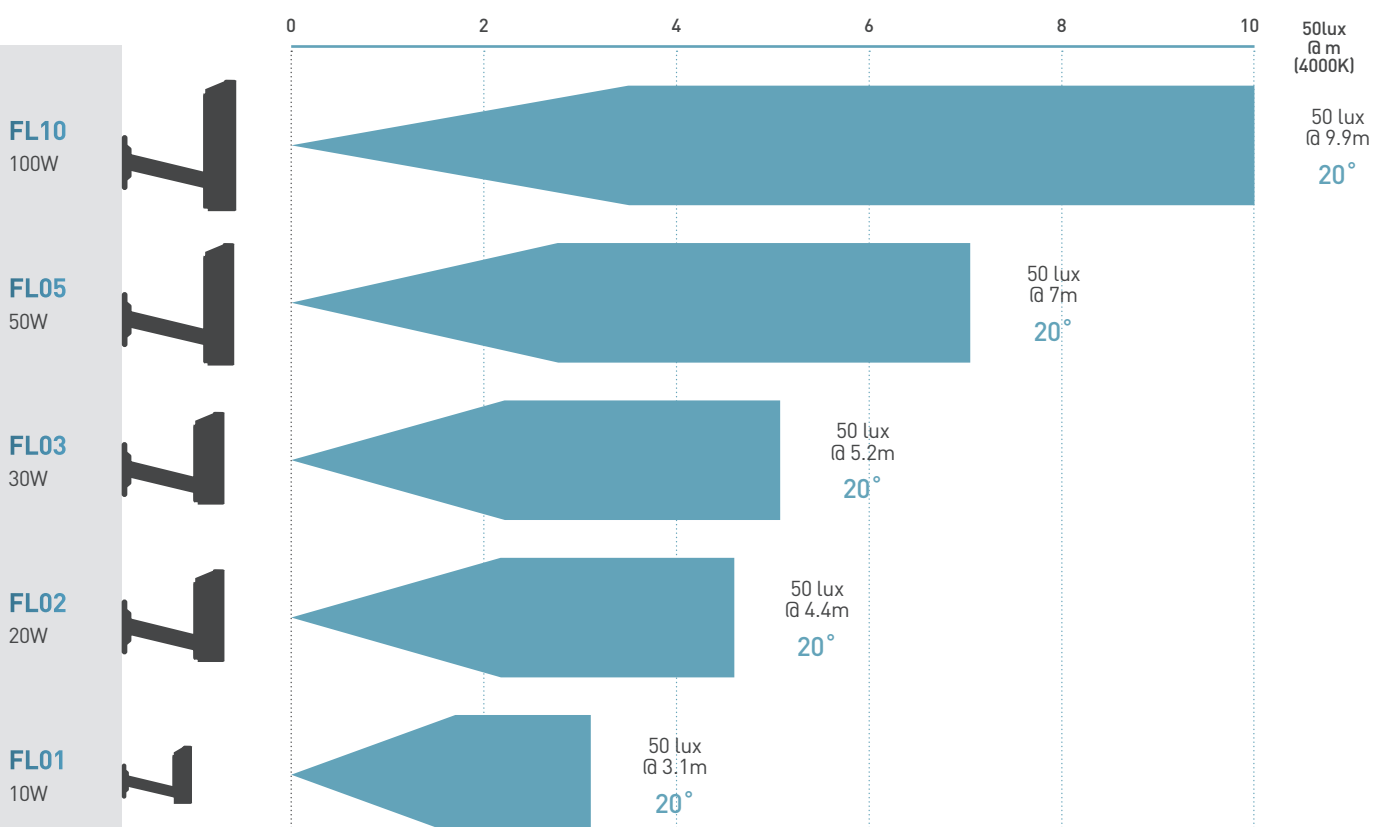
### Easy installation

The circular bracket is detachable and can be mounted to the surface before the rest of the product, allowing for a remarkably easy installation. The product is then simply attached onto the bracket with screws and installation is completed.



## Product comparison

Using the diagram below, determine which size product and output is suitable for your installation.





COLLINGWOOD  
LIGHTING



With PIR sensor

## GUARANTEE / WARRANTY

3 year guarantee

## FL01

10W colour switchable floodlight

### FEATURES

Wattage	10W	UGR rating	UGR 14
Color Switchable	Yes	Input	Mains
IP Rating	IP65*	Dimmable	No
Tilttable	180°	LED lifetime	25,000h
Rotatable	360°	Flicker free	Yes
Mounting position	Wall surface	Sensor	PIR sensor

\* IP65 for non-PIR sensor options only, PIR options are IP44. † PIR option weight 480g

### PHOTOMETRICS @ 25°C

Colour	Beam angle	Product code	CRI	lm	lm/W	lx at 1m
6500K†	120°	FL01BXCS	>80Ra	1100	110	463
4000K†	120°		>80Ra	1150	115	484
3000K†	120°		>80Ra	1000	100	421

### PIR SENSOR OPTION PHOTOMETRICS @ 25°C

Colour	Beam angle	Product code	CRI	lm	lm/W	lx at 1m
6500K†	120°	FL01BPCS	>80Ra	1100	110	463
4000K†	120°		>80Ra	1150	115	484
3000K†	120°		>80Ra	1000	100	421

\*CCT is selected by a switch on the rear of the product

### INSTALLATION INFORMATION

Weight	440g†	Inrush current	10A 0.262ms
Construction material	Black painted cast aluminium	Bathroom Zone	-
Face temperature	45°C	Ambient temperature	40°C

### WIRING INFORMATION

Cable / flying lead	1000mm Ø7mm, H05RN-F3-core
Type of wiring required	Parallel (mains) 220-240V AC 50/60Hz

### LED DRIVERS

Product code	Input	SELV	Dimming	Bathroom zone	Min	Max
N/A (intergrated SELV driver)	220-240V	Yes	No	-	N/A	N/A

### ACCESSORIES

Product code	Description
N/A	No accessories required

## FEATURES & BENEFITS

First mount, detachable circular bracket for speed of install

Total flexibility with a unique 360° rotation

Flicker free for visual comfort and added security when used alongside CCTV

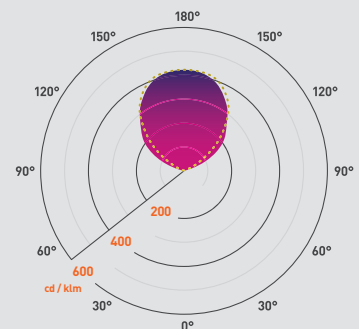
High efficacy – up to 115lm/W

Black cast aluminium body for a contemporary design

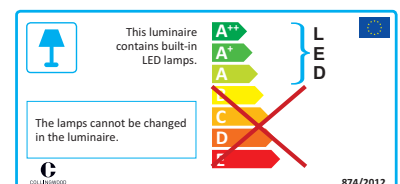
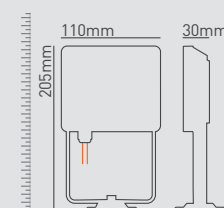
PIR with override function for extra versatility

Standard version IP65  
PIR version IP44

PIR sensor will trigger 2m - 8m



Beam angle: 120° C0/C180 / 120° C90/C270  
Additional diagrams available at [collingwoodlighting.com](http://collingwoodlighting.com)





## FL02

20W colour switchable floodlight

### FEATURES

Wattage	20W	UGR rating	UGR 14
Color Switchable	Yes	Input	Mains
IP Rating	IP65*	Dimmable	No
Tilttable	180°	LED lifetime	25,000h
Rotatable	360°	Flicker free	Yes
Mounting position	Wall surface	Sensor	PIR sensor

\* IP65 for non-PIR sensor options only, PIR options are IP44. † PIR option weight 620g

### PHOTOMETRICS @ 25°C

Colour	Beam angle	Product code	CRI	lm	lm/W	lx at 1m
6500K†	120°	FL02BXCS	>80Ra	2200	110	943
4000K†	120°		>80Ra	2300	115	986
3000K†	120°		>80Ra	2000	100	858

### PIR SENSOR OPTION PHOTOMETRICS @ 25°C

Colour	Beam angle	Product code	CRI	lm	lm/W	lx at 1m
6500K†	120°	FL02BPCS	>80Ra	2200	110	943
4000K†	120°		>80Ra	2300	115	986
3000K†	120°		>80Ra	2000	100	858

† CCT is selected by a switch on the rear of the product

### INSTALLATION INFORMATION

Weight	580g†	Inrush current	11A 0.474ms
Construction material	Black painted cast aluminium	Bathroom Zone	-
Face temperature	45°C	Ambient temperature	40°C

### WIRING INFORMATION

Cable / flying lead	1000mm Ø7mm, H05RN-F3-core
Type of wiring required	Parallel (mains) 220-240V AC 50/60Hz

### LED DRIVERS

Product code	Input	SELV	Dimming	Bathroom zone	Min	Max
N/A (integrated SELV driver)	220-240V	-	No	-	N/A	N/A

### ACCESSORIES

Product code	Description
N/A	No accessories required

### GUARANTEE / WARRANTY

3 year guarantee

### FEATURES & BENEFITS

First mount, detachable circular bracket for speed of install

Total flexibility with a unique 360° rotation

Flicker free for visual comfort and added security when used alongside CCTV

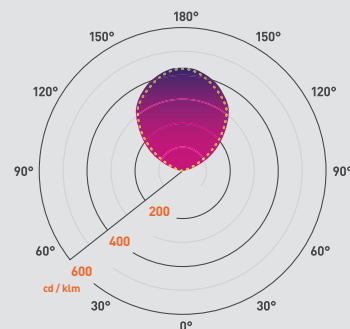
High efficacy – up to 115lm/W

Black cast aluminium body for a contemporary design

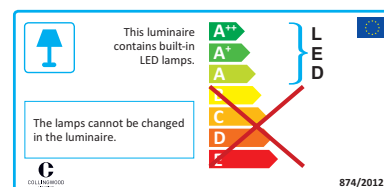
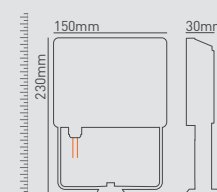
PIR with override function for extra versatility

Standard version IP65  
PIR version IP44

PIR sensor will trigger 2m - 8m



Beam angle: 120° C0/C180 / 120° C90/C270  
Additional diagrams available at [collingwoodlighting.com](http://collingwoodlighting.com)







COLLINGWOOD  
LIGHTING



With PIR sensor

## GUARANTEE / WARRANTY

3 year guarantee

## FL03

30W colour switchable floodlight

### FEATURES

Wattage	30W	UGR rating	UGR 14
Color Switchable	Yes	Input	Mains
IP Rating	IP65*	Dimmable	No
Tilttable	180°	LED lifetime	25,000h
Rotatable	360°	Flicker free	Yes
Mounting position	Wall surface	Sensor	PIR sensor

\* IP65 for non-PIR sensor options only, PIR options are IP44. † PIR option weight 630g

### PHOTOMETRICS @ 25°C

Colour	Beam angle	Product code	CRI	lm	lm/W	lx at 1m
6500K†	120°	FL03BXCS	>80Ra	3000	100	1280
4000K†	120°		>80Ra	3200	107	1366
3000K†	120°		>80Ra	2800	93	1195

### PIR SENSOR OPTION PHOTOMETRICS @ 25°C

Colour	Beam angle	Product code	CRI	lm	lm/W	lx at 1m
6500K†	120°	FL03BPCS	>80Ra	3000	100	1280
4000K†	120°		>80Ra	3200	107	1366
3000K†	120°		>80Ra	2800	93	1195

† CCT is selected by a switch on the rear of the product

### INSTALLATION INFORMATION

Weight	590g†	Inrush current	30A 0.004ms
Construction material	Black painted cast aluminium	Bathroom Zone	-
Face temperature	55°C	Ambient temperature	40°C

### WIRING INFORMATION

Cable / flying lead	1000mm Ø7mm, H05RN-F3-core
Type of wiring required	Parallel (mains) 220-240V AC 50/60Hz

### LED DRIVERS

Product code	Input	SELV	Dimming	Bathroom zone	Min	Max
N/A (integrated SELV driver)	220-240V	-	No	-	N/A	N/A

### ACCESSORIES

Product code	Description
N/A	No accessories required

## FEATURES & BENEFITS

First mount, detachable circular bracket for speed of install

Total flexibility with a unique 360° rotation

Flicker free for visual comfort

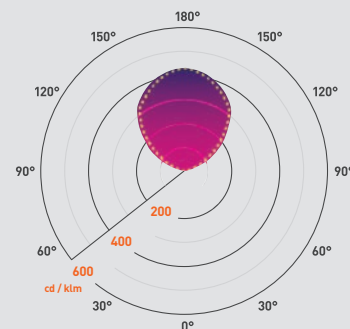
High efficacy – up to 107lm/W

Black cast aluminium body for a contemporary design

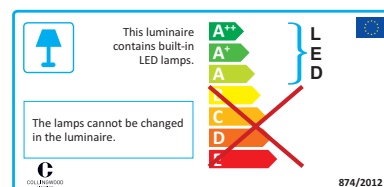
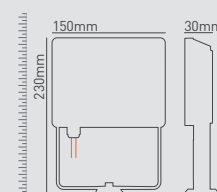
PIR with override function for extra versatility

Standard version IP65  
PIR version IP44

PIR sensor will trigger 2m - 8m



Beam angle: 120° C0/C180 / 120° C90/C270  
Additional diagrams available at [collingwoodlighting.com](http://collingwoodlighting.com)





## FL05

50W colour switchable floodlight

### FEATURES

Wattage	50W	UGR rating	UGR 14
Color Switchable	Yes	Input	Mains
IP Rating	IP65*	Dimmable	No
Tilttable	180°	LED lifetime	25,000h
Rotatable	360°	Flicker free	Yes
Mounting position	Wall surface	Sensor	PIR sensor

\* IP65 for non-PIR sensor options only, PIR options are IP44. † PIR option weight 1250g

### PHOTOMETRICS @ 25°C

Colour	Beam angle	Product code	CRI	lm	lm/W	lx at 1m
6500K†	120°	FL05BXCS	>80Ra	5100	102	2230
4000K†	120°		>80Ra	5600	112	2449
3000K†	120°		>80Ra	5000	100	2230

### PIR SENSOR OPTION PHOTOMETRICS @ 25°C

Colour	Beam angle	Product code	CRI	lm	lm/W	lx at 1m
6500K†	120°	FL05BPCS	>80Ra	5100	102	2230
4000K†	120°		>80Ra	5600	112	2449
3000K†	120°		>80Ra	5000	100	2230

† CCT is selected by a switch on the rear of the product

### INSTALLATION INFORMATION

Weight	1220g*	Inrush current	28A 0.013
Construction material	Black painted cast aluminium	Bathroom Zone	-
Face temperature	50°C	Ambient temperature	40°C

### WIRING INFORMATION

Cable / flying lead	1000mm Ø7mm, H05RN-F3-core
Type of wiring required	Parallel (mains) 220-240V AC 50/60Hz

### LED DRIVERS

Product code	Input	SELV	Dimming	Bathroom zone	Min	Max
N/A (integrated SELV driver)	220-240V	-	No	-	N/A	N/A

### ACCESSORIES

Product code	Description
N/A	No accessories required

### GUARANTEE / WARRANTY

3 year guarantee

### FEATURES & BENEFITS

First mount, detachable circular bracket for speed of install

Total flexibility with a unique 360° rotation

Flicker free for visual comfort

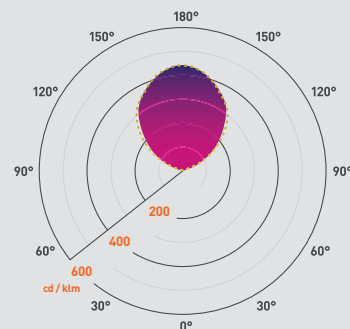
High efficacy – up to 112lm/W

Black cast aluminium body for a contemporary design

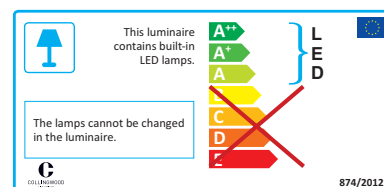
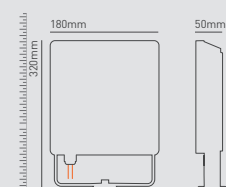
PIR with override function for extra versatility

Standard version IP65  
PIR version IP44

PIR sensor will trigger 2m - 8m



Beam angle: 120° C0/C180 / 120° C90/C270  
Additional diagrams available at [collingwoodlighting.com](http://collingwoodlighting.com)





COLLINGWOOD  
LIGHTING



## GUARANTEE / WARRANTY

3 year guarantee

## FL10

100W colour switchable floodlight

### FEATURES

Wattage	100W	UGR rating	UGR 14
Color Switchable	Yes	Input	Mains
IP Rating	IP65	Dimmable	No
Tilttable	180°	LED lifetime	25,000h
Rotatable	360°	Flicker free	Yes
Mounting position	Wall surface	Sensor	No

### PHOTOMETRICS @ 25°C

Colour	Beam angle	Product code	CRI	lm	lm/W	lx at 1m
6500K <sup>‡</sup>	120°	FL10BXCS	>80Ra	10970	110	4575
4000K <sup>‡</sup>	120°		>80Ra	11810	118	4926
3000K <sup>‡</sup>	120°		>80Ra	10250	103	4275

<sup>‡</sup> CCT is selected by a switch on the rear of the product

### INSTALLATION INFORMATION

Weight	2100g	Inrush current	75A 0.005ms
Construction material	Black painted cast aluminium	Bathroom Zone	-
Face temperature	60°C	Ambient temperature	40°C

### WIRING INFORMATION

Cable / flying lead	1000mm Ø7mm, H05RN-F3-core
Type of wiring required	Parallel (mains) 220-240V AC 50/60Hz

### LED DRIVERS

Product code	Input	SELV	Dimming	Bathroom zone	Min	Max
N/A (integrated SELV driver)	220-240V	-	No	-	N/A	N/A

### ACCESSORIES

Product code	Description
N/A	No accessories required

## FEATURES & BENEFITS

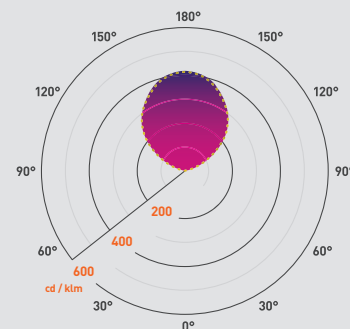
First mount, detachable circular bracket for speed of install

Total flexibility with a unique 360° rotation

Flicker free for visual comfort

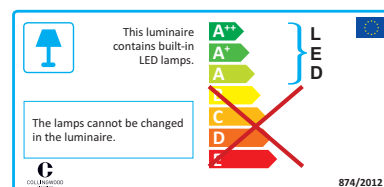
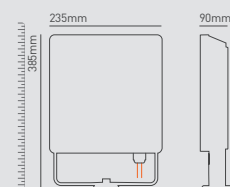
High efficacy – up to 118lm/W

Black cast aluminium body for a contemporary design



Beam angle: 120° C0/C180 / 120° C90/C270

Additional diagrams available at [collingwoodlighting.com](http://collingwoodlighting.com)





## FL200

Dimmable linear LED flood light

### FEATURES

Wattage	21W	Input	Mains AC
IP Rating	IP65	Tilttable	180°
LED Lifetime	70,000h L70, B10	Rotatable	360°
SDCM	3SDCM		

### PHOTOMETRICS @ 25°C

Colour	Beam Angle	Product Code	CRI	lm	lm/W	lx at 1m
4000K	50°	FL200FNW	>70Ra	1415	67	2300
3000K	50°	FL200FWW	>80Ra	1292	62	2050
2700K	50°	FL200F27*	>80Ra	1260	60	1993

\*Available on request, please call our team for lead times and MOQ on 01604 495 151

### INSTALLATION INFORMATION

Weight	1300g	Inrush Current	15A 0.5ms
Construction Material	Anodised aluminium (body) stainless steel 316 (bracket)	Bathroom Zone	2
Face Temperature	<40°C	Ambient Temperature	35°C

### WIRING INFORMATION

Cable / Flying Lead	N/A (IP65 waterproof connector)
Type of Wiring Required	Parallel (mains) 220-240V AC 50/60Hz

### LED DRIVERS

Product Code	mA	Dimming	Bathroom Zone	Min	Max
N/A (integrated SELV driver)	-	Yes (mains)	2	-	-

### ACCESSORIES

Product Code	Description
Dimming options	Call us on 01604 495151 for more information

### GUARANTEE / WARRANTY

7 year extended warranty available

### FEATURES & BENEFITS

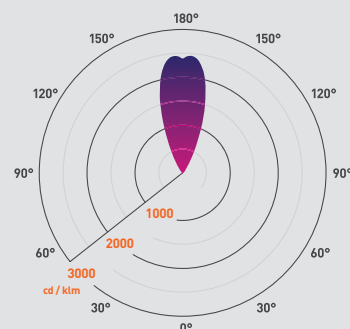
Neat and compact, Straight to the mains linear floodlight

Complete with wall fixings

Mains waterproof connector included

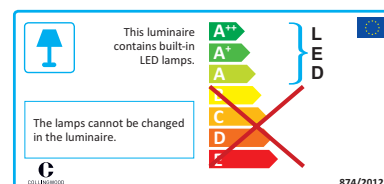
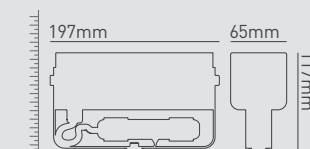
Max. 3 on 500W mains dimmer Max. 5 on 1000W mains dimmer

Compatible with many leading lighting control systems



Beam angle: 50°

Additional diagrams available at [collingwoodlighting.com](http://collingwoodlighting.com)

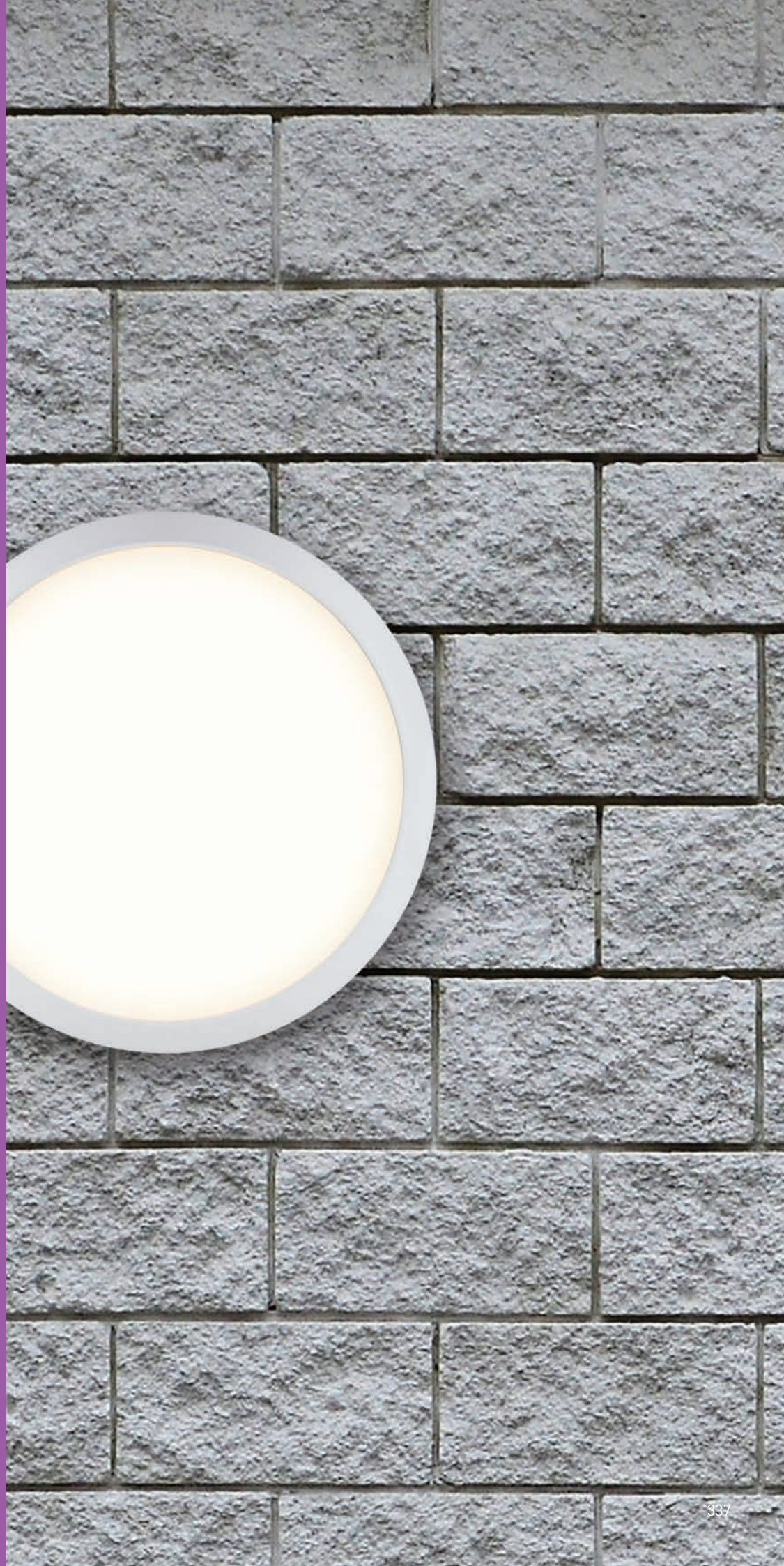




# Bulkheads.

Often serving a purpose, bulkhead lighting is a functional, and simple light that offers a solution to the requirement of lighting indoor communal spaces such corridors and stairways. They can be used in residential, commercial or industrial settings and can be attached to walls and ceilings. In addition to indoor use, this IP65 rated product is also ideal for use outdoors, whether that's for lighting pathways, car parks or highly-trafficked public areas.

Adding extra efficiency and security, our bulkheads can be purchased with microwave sensors which activate when motion is detected, ensuring appropriate illumination and conserving energy by only lighting when required. This dynamic product is also available in Collingwood's emergency pack service, wherein the lights have already been pre-wired, providing a flexible solution and peace of mind, ultimately reducing installation time.





# BULKHEADS

## FUNCTIONAL ILLUMINATION

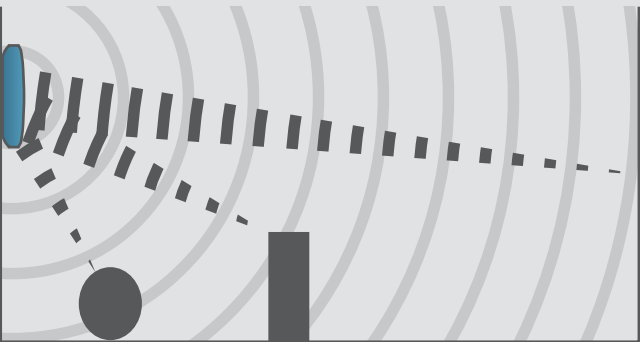
Ideal for exteriors and illuminating large outdoor spaces. This versatile product is also suitable for internal stairwells and where there is a requirement for well lit spaces by a high output luminaire.

### Microwave sensors

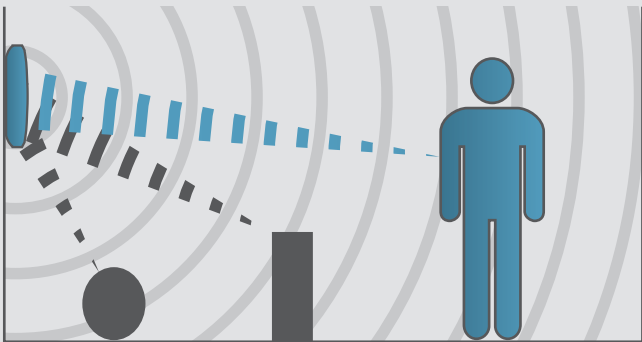
Microwave sensor versions of our WL92 bulkhead create spaces that are energy efficient as the light will only activate when sensing motion nearby. This option is perfect for areas with high footfall, such as public spaces, communal corridors and staircases.

#### How does it work?

Microwave sensors send out pulses which bounce off nearby objects and measure the reflections.



When a moving object enters the area, the sensor receives a new reflection which trips the sensor and activates the light.



### Colour switchable

Easily switch between three colour temperatures by using a switch on the inside of the product.

3000K



4000K



6500K



### Easy mounting options

Our bulkheads offer the versatility of different mounting options, allowing for easier install and ensuring that the product is versatile enough to install in most environments.

#### Two-point cable entry

Cable can run through one of two potential entry points: top and bottom, or side to side, depending on orientation of the fitting.



#### Back cable entry

The cable can exit through the back of the product, concealing it and ensuring maximum aesthetic appeal.



#### BESA box mountable

Our bulkheads have points for screws to pass through, allowing it to easily attach to a BESA box.



### Emergency pack service

In the event of a power outage, your emergency lighting system will illuminate a safe evacuation route. Ideal for commercial and high occupancy buildings such as office spaces, hospitals and hotels.

Collingwood Lighting's pre-wired emergency pack service option is available across our bulkhead range offering a flexible solution to compliment any lighting scheme. With this service, the wiring has already been completed so you don't have to, providing peace of mind and reducing installation time.

### Waterproof

All of our bulkheads are IP65 rated, meaning they are perfect for outdoor use.



# CHOOSING THE IDEAL BULKHEAD

## FOR YOUR INSTALLATION

As every installation is different, it's important to choose the correct bulkhead for the environment you're working with to ensure the best possible results.

### Things to consider when choosing your bulkhead

Follow the simple questions below to ascertain which bulkhead is ideal for your installation. Then use the table to establish the part code of the required product.

#### What output do need for your bulkhead?

Use the table below to determine the lumen output you'll require for your space, using the wattage of the bulkhead.

Wattage	Lumens
12W (12.5W)*	1350lm
19W (19.5W)*	2050lm

\*Microwave

#### Do you need a microwave sensor?

Microwave sensor versions of our bulkhead create spaces that are energy efficient as the light only activates when sensing movement nearby. This option is perfect for highly trafficked public spaces such as communal corridors and stairwells.

Microwave sensor activated bulkheads also improve security by lighting up areas whenever movement is detected. This means that this product is perfect for outdoor spaces such as car parks and bin yards.

#### Do you need an emergency pack?

In the event of a power outage, your emergency lighting system will illuminate a safe evacuation route from commercial and high occupancy buildings such as office spaces, hospitals and hotels.

The emergency pack option comes pre-wired across our bulkhead range offering a flexible solution to compliment any lighting scheme. With this service, the wiring has already been completed so you don't have to, providing piece of mind and reducing installation time.

#### Do you need a bezel for your bulkhead?

**Black ring**  
Ring bezel partcode: WL92BR



**Black eyelid**  
Eyelid bezel partcode: WL92BE



**Black grille**  
Grille bezel partcode: WL92BG



Partcode	Wattage	Microwave sensor	Emergency pack
WL9212SCS <a href="#">Page 340</a>	12W	No	No
WL9212MCS <a href="#">Page 340</a>	12.5W	Yes	No
WL9212ECS <a href="#">Page 340</a>	12W	No	Yes
WL9212CCS <a href="#">Page 340</a>	12.5W	Yes	Yes

Partcode	Wattage	Microwave sensor	Emergency pack
WL9219SCS <a href="#">Page 341</a>	19W	No	No
WL9219MCS <a href="#">Page 341</a>	19.5W	Yes	No
WL9219ECS <a href="#">Page 341</a>	19W	No	Yes
WL9219CCS <a href="#">Page 341</a>	19.5W	Yes	Yes





**COLLINGWOOD**  
LIGHTING



Ø300mm



## GUARANTEE / WARRANTY

3 year extended warranty available

## WL92 12W

12W colour switchable bulkhead

## WL92 12.5W

12.5W colour switchable bulkhead with microwave sensor

### FEATURES

Wattage	Standard 12W Microwave 12.5W	Mounting position	Wall surface and ceiling
Color Switchable	Yes	Input	Mains
IP Rating	IP65	LED lifetime	25,000h
IK Rating	IK08	Sensor	Microwave sensor
Emergency version available	Yes, available as standard and with emergency call 01604 495 151 for more information		

### PHOTOMETRICS @ 25°C

Photometrics also apply to emergency option

Colour	Beam angle	Product code	CRI	lm	lm/W	lx at 1m
6500K†	100°	WL9212SCS	>80Ra	1350	113	523
4000K†	100°		>80Ra	1350	113	523
3000K†	100°		>80Ra	1350	113	523

### MICROWAVE SENSOR OPTION PHOTOMETRICS @ 25°C

Photometrics also apply to emergency option

Colour	Beam angle	Product code	CRI	lm	lm/W	lx at 1m
6500K†	100°	WL9212MCS	>80Ra	1350	108	525
4000K†	100°		>80Ra	1350	108	525
3000K†	100°		>80Ra	1350	108	525

† CCT is selected by a switch inside the product

### INSTALLATION INFORMATION

Weight	900g†	Inrush current	4.6A, 980ns
Construction material	PMMA Plastic	Ambient temperature	40°C
Face temperature	25°C		

† Weight for emergency and microwave options may vary

### WIRING INFORMATION

Cable / flying lead	Push-fit terminals 1.5mm max
Type of wiring required	Parallel (mains) 220-240V AC 50/60Hz

### LED DRIVERS

Product code	Input	SELV	Dimming	Bathroom zone	Min	Max
N/A (integrated SELV driver)	220-240V	-	No	-	N/A	N/A

### ACCESSORIES

Product code	Description	
WL92BR	Black ring bezel with black base	339
WL92BE	Black eyelid bezel with black base	339
WL92BG	Black grille bezel with black base	339

## FEATURES & BENEFITS

Colour switchable for greater flexibility

High efficacy of up to 113lm/W

Lid accessories available: Eyelid, Grille and Black trim

Ideal for communal corridors, stairwells, high traffic and general areas

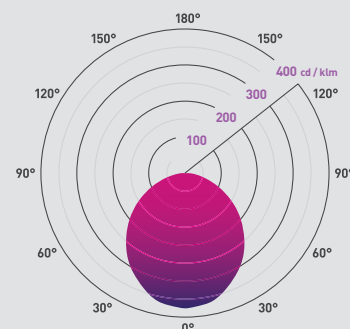
Class II (no earth required)

Earth terminal provided for earth termination (if required)

Supplied with fixings for ease of installation

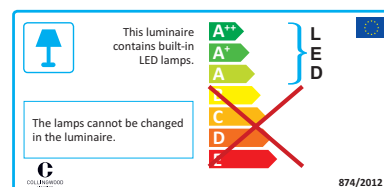
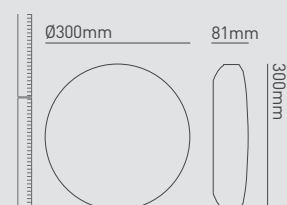
Rear and side cable access points

Anti-theft bezels



Beam angle: 100°

Additional diagrams available at [collingwoodlighting.com](http://collingwoodlighting.com)



**WL92 19W**

19W colour switchable bulkhead

**WL92 19.5W**

19.5W colour switchable bulkhead with microwave sensor

**GUARANTEE / WARRANTY**

3 year extended warranty available

**FEATURES & BENEFITS**

Colour switchable for greater flexibility

High efficacy of up to 113lm/W

Lid accessories available: Eyelid, Grille and Black trim

Ideal for communal corridors, stairwells, high traffic and general areas

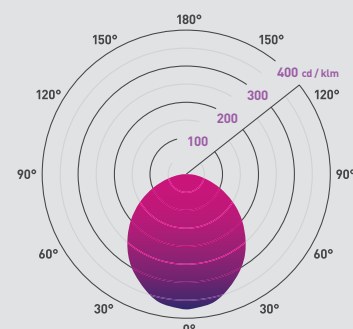
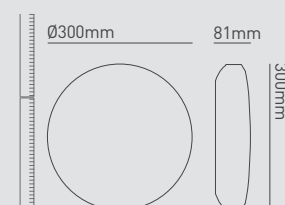
Class II (no earth required)

Earth terminal provided for earth termination (if required)

Supplied with fixings for ease of installation

Rear and side cable access points

Anti-theft bezels

**Beam angle: 100°**Additional diagrams available at [collingwoodlighting.com](http://collingwoodlighting.com)**FEATURES**

Wattage	Standard 19W Microwave 19.5W	Mounting position	Wall surface and ceiling
Color Switchable	Yes	Input	Mains
IP Rating	IP65	LED lifetime	25,000h
IK Rating	IK08	Sensor	Microwave sensor
Emergency version available	Yes, available as standard and with emergency call 01604 495 151 for more information		

**PHOTOMETRICS @ 25°C**

Photometrics also apply to emergency option

Colour	Beam angle	Product code	CRI	lm	lm/W	lx at 1m
6500K*	100°	WL9219SCS	>80Ra	2050	108	825
4000K*	100°		>80Ra	2050	108	825
3000K*	100°		>80Ra	2050	108	825

**MICROWAVE SENSOR OPTION PHOTOMETRICS @ 25°C**

Photometrics also apply to emergency option

Colour	Beam angle	Product code	CRI	lm	lm/W	lx at 1m
6500K*	100°	WL9219MCS	>80Ra	2050	105	825
4000K*	100°		>80Ra	2050	105	825
3000K*	100°		>80Ra	2050	105	825

\*CCT is selected by a switch inside the product

**INSTALLATION INFORMATION**

Weight	900g*	Inrush current	4.3A,840ns
Construction material	PMMA Plastic	Ambient temperature	40°C
Face temperature	25°C		

\*Weight for emergency and microwave options may vary

**WIRING INFORMATION**

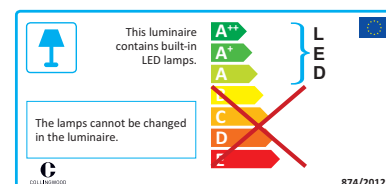
Cable / flying lead	Push-fit terminals 1.5mm max
Type of wiring required	Parallel (mains) 220-240V AC 50/60Hz

**LED DRIVERS**

Product code	Input	SELV	Dimming	Bathroom zone	Min	Max
N/A (integrated SELV driver)	220-240V	-	No	-	N/A	N/A

**ACCESSORIES**

Product code	Description	
WL92BR	Black ring bezel with black base	339
WL92BE	Black eyelid bezel with black base	339
WL92BG	Black grille bezel with black base	339



# Lighting Controls.

Our wiring and drivers selection will provide all the components required to install our products, providing both ease of installation and maintenance-free installations for many years to come. Offering both wiring and drivers for all Collingwood products, you will receive the same high-quality features and benefits as standard that are provided with our lights.

To complement our RGB and RGBW products, we also offer a range of control systems. Use them to create unique lighting zones which control separate areas with a handheld, wall mounted or smart device control (suitable for Android and IOS.) Also included in our extensive range of control devices is our range of dimmable power supplies, providing the ability to easily control the ambience of individual zones. Available in 1-10V, DALI or mains dimming, installing Collingwood products as part of a home automation system could not be easier.





# DRIVERS

## THE IDEAL DRIVER FOR EVERY INSTALLATION

We offer a wide range of drivers, suitable for any environment that are ideal for all Collingwood Lighting products, so you can expect the highest levels of quality and durability throughout your installation.

### IP ratings

IP ratings classify the degrees of protection provided against the intrusion of solid objects and water in electrical enclosures.



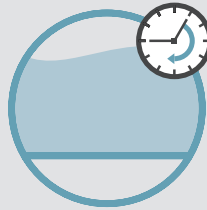
**IP20**

Perfect for use indoors and where there is no risk of water splashing the product.



**IP65**

Ideal for use indoors or outdoors, in bathrooms and other places where water may be sprayed onto the product.



**IP67**

Suited for use outdoors and near water, but cannot be permanently submerged.

### DIN rail

Electrical contractors use DIN rail enclosures more frequently for a neat, professional finish to a lighting installation.



### Dimming options

As each installation is unique and has individual requirements, choose between mains, 1-10V or DALI dimming options.



**Mains**

If your product has an integrated mains dimmable driver, no separate driver is required. This is classed as a 'straight to mains' product.



**1-10V**

With a 1-10V system, all the LEDs connected to the dimmer will dim at an equal amount.

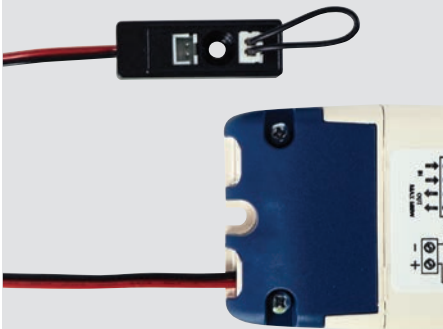


**DALI**

A DALI system can be structured in a way which allows LEDs to respond to certain rooms or zones. Each LED in the same zone will dim an equal amount.

### Plug and play

Installing and connecting a driver is made much easier using plug and play. If you have a suitable product, use one of our plug and play drivers for straightforward installation.



### Output classification options – constant current / constant voltage

#### 350mA

Use a 350mA driver when powering 350mA products.

#### 700mA

Use a 700mA driver when powering 700mA products.

#### 24V

Use a 24V driver when powering 24V products.

# COLOUR CHANGE

## MAKING CONTROLLING COLOUR EASIER

Use our easy to follow step-by-step colour change control guide on pages **360-369** and follow the guide to determine what you need for your installation.

### Remote controls

Offering a choice between hand held, wall mounted or app control, finding the perfect device for you couldn't be easier. Choose the ideal control for the number of zones that you want to manage. See **364-365** about zones.



#### WC2820WH / WC2820BLK

**1 - 4 zones**  
Wall mounted control



#### RC2819

**1 - 6 zones**  
Handheld control



#### Collingwood RGBW App

**1 - 8 zones**  
Smart device app for Android and IOS

### Controllers

This is the device used to receive a signal from your remote or DMX control system which then matches the LEDs to the colour you have selected. You will need one controller for each zone.



#### C100924

This eliminates the requirement for complex DMX systems. The C100924 receives the signal from the remote and matches the LEDs to the colour you have selected.



#### DMX2102

Using this allows our colour change system to function well with a DMX controller. The DMX2102 receives the signal from the remote and matches the LEDs to the colour you have selected.

### Power repeaters

A power repeater distributes the power from the power supply to the products.



#### PR3011

Ideal for when using constant current products. With the ability to fit up to 100 of these to a C100924 controller, you can have as many as 600 luminaires per zone.



#### PR3002

Ideal solution for when using 24V products such as LED strip. With the ability to fit up to 100 of these to a C100924 controller, you can have as much as 1000m of LED strip per zone.

# PRODUCTS PER DRIVER MATRIX 1/4

The table below shows the minimum and maximum of each product that fits onto each driver

	PSD1M180	PSMD35039	PSMD3501324	PSDAL350M	PSDIN350	PLD UNI-DRIVE 350MA	PSDIN350M	PLDCC/350/10-28 <small>*Numbers are for 24V input, halve the maximum for 12V input</small>	PLR/350 1-5	PLU/350 1-9	PLU/PP/350 1-9	PLU/PP/350 1-9	PLDM/700 3	PSMD700610	PSMD70024	PLDM70011	PSDAL700M
DRIVER INFORMATION																	
Constant Current or Constant Voltage	CC	CC	CC	CC	CC	CC	CC	CC	CC	CC	CC	CC	CC	CC	CC	CC	CC
IP rating	IP20	IP20	IP20	IP20	IP20	IP20	IP20	IP20	IP20	IP20	IP20	IP20	IP20	IP20	IP20	IP20	IP20
Output classification	350mA	350mA	350mA	350mA	350mA	350mA	350mA	350mA	350mA	350mA	350mA	350mA	700mA	700mA	700mA	700mA	700mA
Dimmable	Mains	Mains	Mains	DALI or 1-10V	1-10V	1-10V	1-10V						Mains	Mains	Mains	Mains	DALI or 1-10V
Din rail mount							Yes										
Plug & Play										Yes	Yes					Yes	
RESIDENTIAL LIGHTING																	
Fibre LED Light Page 117		3-9	13-24	1-18	1-18	1-10	1-10	1-6 *	1-5	1-9							
DL120 Page 120		3-9	13-24	1-18	1-18	1-10	1-10	1-6 *	1-5	1-9	1-9	1-9					
DL130 Page 121		3-9	13-24	1-18	1-18	1-10	1-10	1-6 *	1-5	1-9	1-9	1-9					
MC020 S Page 133		2-4	7-12	1-9	1-9	1-5	1-5	1-3*	1-2	1-4							
MC010 S Page 134		3-9	13-24	1-18	1-18	1-10	1-10	1-6*	1-5	1-9							
MF02 IP Page 137		3-9	13-24	1-18	1-18	1-10	1-10	1-6*	1-5	1-9							
MS02 IP Page 138		3-9	13-24	1-18	1-18	1-10	1-10	1-6*	1-5	1-9							
WL050 Page 140		3-9	13-24	1-18	1-18	1-10	1-10	1-6*	1-5	1-9	1-9	1-9					
ML01 Page 142		3-9	13-24	1-18	1-18	1-10	1-10	1-6*	1-5	1-9							
ML02 Page 143		3-9	13-24	1-18	1-18	1-10	1-10	1-6*	1-5	1-9							
ML03 Page 144		3-9	13-24	1-18	1-18	1-10	1-10	1-6*	1-5	1-9							
LED LYTE SURFACE Page 145		3-9	13-24	1-18	1-18	1-10	1-10	1-6*	1-5	1-9	1-9	1-9					
LED LYTE IP Page 146		3-9	13-24	1-18	1-18	1-10	1-10	1-6*	1-5	1-9	1-9	1-9					
LED LYTE IP T Page 147		3-9	13-24	1-18	1-18	1-10	1-10	1-6*	1-5	1-9	1-9	1-9					
LED LYTE Page 148		3-9	13-24	1-18	1-18	1-10	1-10	1-6*	1-5	1-9	1-9	1-9					
MODULES THAT REQUIRE HOUSING																	
RL111 Page 122			2-2	1-2	1-2	1											
DM01 Page 124																1	1-5
DM02 Page 125	1															1	1-5
COMMERCIAL LIGHTING																	
RDSL Page 168																	
SQSL Page 169																	
RDSM Page 170																	1
SQSM Page 171																	1
RDSS Page 172				1-2	1-2	1											
SQSS Page 173				1-2	1-2	1											

To place an order use the driver partcodes below.

PSDIM700	PLD UNI-DRIVE 700MA	PSDIN700M	PLDCC700 12-24 <small>* Numbers are for 24V input halve the maximum for 12V input</small>	PLU700 3-9	PSDIM900	PSDAL900M	PL/IP/350 1-9	PL/IP/350 3-12	PL/IP/700 1-3	PL/IP/700 3-9	PS1524	PS3024B	PS5024	PS7524	PS10024	PSMDIP10024	PSDIP6024	PSDIP10024	PSDAL20024	PSIP15024	PSIP25024
CC	CC	CC	CC	CC	CC	CC	CC	CC	CC	CC	CV	CV	CV	CV	CV	CV	CV	CV	CV	CV	CV
IP20	IP20	IP20	IP20	IP20	IP20	IP20	IP65	IP65	IP65	IP65	IP20	IP20	IP20	IP20	IP20	IP66	IP66	IP66	IP66	IP67	IP67
700mA	700mA	700mA	700mA	700mA	900mA	900mA	350mA	350mA	700mA	700mA	24V	24V	24V	24V	24V	24V	24V	24V	24V	24V	24V
1-10V	1-10V	1-10V			1-10V	DALI					1-10V*	1-10V*	1-10V*		1-10V*	Mains	1-10V	1-10V	DALI	1-10V*	1-10V*
		Yes																			

† Requires a [PDCINT1-10V](#) interface to make it 1 - 10V dimmable

							1-9	3-12													
							1-9	3-12													
							1-9	3-12													
							1-4	1-4													
							1-9	3-12													
							1-9	3-12													
							1-9	3-12													
							1-9	3-12													
							1-9	3-12													
							1-9	3-12													
							1-9	3-12													
							1-9	3-12													
							1-9	3-12													
							1-9	3-12													
							1-9	3-12													
							1-9	3-12													
							1-9	3-12													
							1-9	3-12													

1-5	1-2	1-2																			
1-5	1-2	1-2																			

					1	1															
					1	1															
1	1																				
1	1																				



# PRODUCTS PER DRIVER MATRIX 2/4

The table below shows the minimum and maximum of each product that fits onto each driver

	PLDM35020	PSMD35039	PSMD3501324	PSDAL350M	PSDIN350	PLD UNI-DRIVE 350MA	PSDIN350M	PLDCC/350/10-28 <small>*Numbers are for 24V input, halve the maximum for 12V input</small>	PLR/350 1-5	PLU/350 1-9	PLU/PP/350 1-9	PLU/PP/350 1-9	PLDM/700 3	PSMD700610	PSMD70024	PLDM70011	PSDAL700M
DRIVER INFORMATION																	
Constant Current or Constant Voltage	CC	CC	CC	CC	CC	CC	CC	CC	CC	CC	CC	CC	CC	CC	CC	CC	CC
IP rating	IP20	IP20	IP20	IP20	IP20	IP20	IP20	IP20	IP20	IP20	IP20	IP20	IP20	IP20	IP20	IP20	IP20
Output classification	350mA	350mA	350mA	350mA	350mA	350mA	350mA	350mA	350mA	350mA	350mA	350mA	700mA	700mA	700mA	700mA	700mA
Dimmable	Mains	Mains	Mains	DALI or 1-10V	1-10V	1-10V	1-10V						Mains	Mains	Mains	Mains	DALI or 1-10V
Din rail mount							Yes										
Plug & Play										Yes	Yes					Yes	
LANDSCAPE LIGHTING																	
GL090 Page 188													1	2-3	1-1		1-6
GL040 Page 190		1-3	5-8	1-6	1-6	1-3	1-3	2*	1	1-3				2-3	1		1-6
GL040 Ultra low glare Page 192		2-4	6-10	1-11	1-11	2-7	1-7	1-3	2-9	1-4							
GL041 Page 193		1-3	5-8	1-6	1-6	1-3	1-3	2*	1	1-3							
GL019 Page 195		3-9	13-24	1-18	1-18	1-10	1-10	1-6*	1-5	1-9				6-10	2-4		1-18
GL019 Ultra low glare Page 196		3-9	13-24	1-18	1-18	1-10	1-10	1-6*	1-5	1-9							
GL019LG Page 197		3-9	13-24	1-18	1-18	1-10	1-10	1-6*	1-5	1-9							
GL019 Frosted Page 198		3-9	13-24	1-18	1-18	1-10	1-10	1-6*	1-5	1-9							
GL019 SQ Page 199		3-9	13-24	1-18	1-18	1-10	1-10	1-6*	1-5	1-9				6-10	2-4		1-18
GL019 S T Page 200		3-9	13-24	1-18	1-18	1-10	1-10	1-6*	1-5	1-9				6-10	2-4		1-18
GL019 S TK Page 201		3-9	13-24	1-18	1-18	1-10	1-10	1-6*	1-5	1-9				6-10	2-4		1-18
GL016 Page 202		3-9	13-24	1-18	1-18	1-10	1-10	1-6*	1-5	1-9				6-10	2-4		1-18
GL016 SQ Page 203		3-9	13-24	1-18	1-18	1-10	1-10	1-6*	1-5	1-9				6-10	2-4		1-18
GL016 F AB Page 204		3-9	13-24	1-18	1-18	1-10	1-10	1-6*	1-5	1-9				6-10	2-4		1-18
GL016 Frosted Page 206		3-9	13-24	1-18	1-18	1-10	1-10	1-6*	1-5	1-9							
GL063 Page 207		1-3	5-8	1-6	1-6	1-3	1-3	2*	1	1-3							
GL064 Page 208		1-2	4-6	1-4	1-4	1-2	1-2	1	1	1-2							
GL100 Page 209-210		3-9	13-24	1-18	1-18	1-10	1-10	1-6*	1-5	1-9				6-10	2-4		1-18
GL050 Page 213		1-3	5-8	1-6	1-6	1-3	1-3	2*	1	1-3							
GL051 Page 215		1-3	5-8	1-6	1-6	1-3	1-3	2*	1	1-3							
GL018 C Page 216																	
GL018 C AB Page 217																	
GL018 SQ Page 218																	
GL018 T Page 219																	
GL021 Page 228		3-9	13-24	1-18	1-18	1-10	1-10	1-6*	1-5	1-9							
GL022 Page 229		3-9	13-24	1-18	1-18	1-10	1-10	1-6*	1-5	1-9							
OCTOLED Page 247		1-2	4-6	1-4	1-4	1-2	1-2		1	1-2							
UL030 Page 254													1	2-3	1-1		1-6
UL010 Page 256														6-10	2-4		1-18
LEDLINE 400 110 Page 260														1-1			1-2
LEDLINE 400 25X6 Page 264														1-1			1-2
LEDLINE 400 45 Page 268														1-1			1-2

To place an order use the driver partcodes below.

PSDIN700	PLD UNI-DRIVE 700MA	PSDIN700M	PLDCC700 12-24 <small>* Numbers are for 24V input halve the maximum for 12V input</small>	PLU700 3-9	PSDIN900	PSDAL900M	PL/IP/350 1-9	PL/IP/350 3-12	PL/IP/700 1-3	PL/IP/700 3-9	PS1524	PS3024B	PS5024	PS7524	PS10024	PSMDIP10024	PSDIP6024	PSDIP10024	PSDAL20024	PSIP15024	PSIP25024
CC	CC	CC	CC	CC	CC	CC	CC	CC	CC	CC	CV	CV	CV	CV	CV	CV	CV	CV	CV	CV	CV
IP20	IP20	IP20	IP20	IP20	IP20	IP20	IP65	IP65	IP65	IP65	IP20	IP20	IP20	IP20	IP20	IP66	IP66	IP66	IP66	IP67	IP67
700mA	700mA	700mA	700mA	700mA	900mA	900mA	350mA	350mA	700mA	700mA	24V	24V	24V	24V	24V	24V	24V	24V	24V	24V	24V
1-10V	1-10V	1-10V			1-10V	DALI					1-10V*	1-10V*	1-10V*		1-10V*	Mains	1-10V	1-10V	DALI	1-10V*	1-10V*
		Yes																			

\* Requires a **PDCINT1-10V** interface to make it 1 - 10V dimmable

1-6	1-3	1-3	1-2*	1-3					1	1-3											
1-6		1-3		1-3			1-3	1-4	1	1-3											
							1-5	2-6													
							1-3	1-4													
1-18		1-10		3-9			1-9	3-12	1-3	3-9											
							1-9	3-12													
							1-9	3-12													
							1-9	3-12													
1-18		1-10		3-9			1-9	3-12	1-3	3-9											
1-18		1-10		3-9			1-9	3-12	1-3	3-9											
1-18		1-10		3-9			1-9	3-12	1-3	3-9											
1-18		1-10		3-9			1-9	3-12	1-3	3-9											
1-18		1-10		3-9			1-9	3-12	1-3	3-9											
							1-9	3-12													
							1-3	1-4													
							1-2	1-3													
1-18		1-10		3-9			1-9	3-12	1-3	3-9											
							1-3	1-4													
							1-3	1-4													
											1-30	1-60	1-100	1-150	1-200	1-200	1-120	1-200	1-400	1-300	1-500
											1-30	1-60	1-100	1-150	1-200	1-200	1-120	1-200	1-400	1-300	1-500
											1-30	1-60	1-100	1-150	1-200	1-200	1-120	1-200	1-400	1-300	1-500
											1-30	1-60	1-100	1-150	1-200	1-200	1-120	1-200	1-400	1-300	1-500
							1-9	3-12													
							1-9	3-12													
							1-2	1-3													
1-6	1-3	1-3	1-2*	1-3					1	1-3											
1-18	1-10	1-10	1-6*	3-9					1-3	3-9											
1-2	1	1		1						1											
1-2	1	1		1						1											
1-2	1	1		1						1											

# PRODUCTS PER DRIVER MATRIX 3/4

The table below shows the minimum and maximum of each product that fits onto each driver

	PLDM35020	PSMD35039	PSMD3501324	PSDAL350M	PSDIN350	PLD UNI-DRIVE 350MA	PSDIN350M	PLDCC/350/10-28 <small>*Numbers are for 24V input, halve the maximum for 12V input</small>	PLR/350 1-5	PLU/350 1-9	PLU/PP/350 1-9	PLU/PP/350 1-9	PLDM/700 3	PSMD700610	PSMD70024	PLDM70011	PSDAL700M
DRIVER INFORMATION																	
Constant Current or Constant Voltage	CC	CC	CC	CC	CC	CC	CC	CC	CC	CC	CC	CC	CC	CC	CC	CC	CC
IP rating	IP20	IP20	IP20	IP20	IP20	IP20	IP20	IP20	IP20	IP20	IP20	IP20	IP20	IP20	IP20	IP20	IP20
Output classification	350mA	350mA	350mA	350mA	350mA	350mA	350mA	350mA	350mA	350mA	350mA	350mA	700mA	700mA	700mA	700mA	700mA
Dimmable	Mains	Mains	Mains	DALI or 1-10V	1-10V	1-10V	1-10V						Mains	Mains	Mains	Mains	DALI or 1-10V
Din rail mount							Yes										
Plug & Play										Yes	Yes					Yes	

LANDSCAPE LIGHTING (continued from previous page)																	
SL220 Page 276		2-4	6-10	1-11	1-11	2-7	1-7	1-3	2-9	1-4							
SL030 Page 280		3-9	13-24	1-18	1-18	1-10	1-10	1-6*	1-5	1-9	1-9	1-9		6-10	2-4		1-18
SL130 Page 281		3-9	13-24	1-18	1-18	1-10	1-10	1-6*	1-5	1-9	1-9	1-9					
SL040A Page 279													1	2-3			1-6
BOL01 Page 287		3-9	13-24	1-18	1-18	1-10	1-10	1-6*	1-5	1-9	1-9	1-9					
BOL03 Page 287		1-3	5-8	1-6	1-6	1-3	1-3	2*	1	1-3				2-3	1		1-6

STRIP LIGHTS																	
LSV02 Page 304																	
LSV05 Page 305																	
LSV04 Page 306																	
LSV06 Page 307																	
LSV42 Page 308																	
LSV45 Page 309																	
LSV44 Page 310																	
LSV46 Page 311																	
LSV82 Page 312																	
LSV85 Page 313																	
LSV84 Page 314																	
LSV86 Page 315																	
LSC03 Page 319																	
LSC43 Page 320																	
LSC45 Page 321																	
LSC83 Page 322																	
LEDSTRIP IP Page 323																	

To place an order use the driver partcodes below.

PSDIN700	PLD UNI-DRIVE 700MA	PSDIN700M	PLDCC700 12-24 <small>* Numbers are for 24V input halve the maximum for 12V input</small>	PLU700 3-9	PSDIN900	PSDAL900M	PL/IP/350 1-9	PL/IP/350 3-12	PL/IP/700 1-3	PL/IP/700 3-9	PS1524	PS3024B	PS5024	PS7524	PS10024	PSMDIP10024	PSDIP6024	PSDIP10024	PSDAL20024	PSIP15024	PSIP25024
CC	CC	CC	CC	CC	CC	CC	CC	CC	CC	CC	CV	CV	CV	CV	CV	CV	CV	CV	CV	CV	CV
IP20	IP20	IP20	IP20	IP20	IP20	IP20	IP65	IP65	IP65	IP65	IP20	IP20	IP20	IP20	IP20	IP66	IP66	IP66	IP66	IP67	IP67
700mA	700mA	700mA	700mA	700mA	900mA	900mA	350mA	350mA	700mA	700mA	24V	24V	24V	24V	24V	24V	24V	24V	24V	24V	24V
1-10V	1-10V	1-10V			1-10V	DALI					1-10V*	1-10V*	1-10V*		1-10V*	Mains	1-10V	1-10V	DALI	1-10V*	1-10V*
		Yes																			

							1-5	2-6													
1-18	1-10	1-10		3-9			1-9	3-12	1-3	3-9											
							1-9	3-12													
1-6	1-3	1-3	1-2*	1-3					1	1-3											
							1-9	3-12													
1-6		1-3		1-3			1-3	1-4	1	1-3											

											≤ 3m	≤ 6m	≤ 10m	≤ 15m	≤ 20m	≤ 20m	≤ 12m	≤ 20m	≤ 40m	≤ 30m	≤ 50m
											≤ 1.5m	≤ 3m	≤ 5m	≤ 7.5m	≤ 10m	≤ 10m	≤ 6m	≤ 10m	≤ 20m	≤ 15m	≤ 25m
											≤ 1m	≤ 2m	≤ 3m	≤ 5m	≤ 7m	≤ 7m	≤ 4m	≤ 7m	≤ 13m	≤ 10m	≤ 16m
												≤ 1.5m	≤ 2.5m	≤ 3.5m	≤ 5m	≤ 5m	≤ 3m	≤ 5m	≤ 10m	≤ 7.5m	≤ 12.5m
											≤ 3m	≤ 6m	≤ 10m	≤ 15m	≤ 20m	≤ 20m	≤ 12m	≤ 20m	≤ 40m	≤ 30m	≤ 50m
											≤ 1.5m	≤ 3m	≤ 5m	≤ 7.5m	≤ 10m	≤ 10m	≤ 6m	≤ 10m	≤ 20m	≤ 15m	≤ 25m
											≤ 1m	≤ 2m	≤ 3m	≤ 5m	≤ 7m	≤ 7m	≤ 4m	≤ 7m	≤ 13m	≤ 10m	≤ 16m
												≤ 1.5m	≤ 2.5m	≤ 3.5m	≤ 5m	≤ 5m	≤ 3m	≤ 5m	≤ 10m	≤ 7.5m	≤ 12.5m
											≤ 3m	≤ 6m	≤ 10m	≤ 15m	≤ 20m	≤ 20m	≤ 12m	≤ 20m	≤ 40m	≤ 30m	≤ 50m
											≤ 1.5m	≤ 3m	≤ 5m	≤ 7.5m	≤ 10m	≤ 10m	≤ 6m	≤ 10m	≤ 20m	≤ 15m	≤ 25m
											≤ 1m	≤ 2m	≤ 3m	≤ 5m	≤ 7m	≤ 7m	≤ 4m	≤ 7m	≤ 13m	≤ 10m	≤ 16m
												≤ 1.5m	≤ 2.5m	≤ 3.5m	≤ 5m	≤ 5m	≤ 3m	≤ 5m	≤ 10m	≤ 7.5m	≤ 12.5m
											≤ 3m	≤ 6m	≤ 10m	≤ 15m	≤ 20m	≤ 20m	≤ 12m	≤ 20m	≤ 40m	≤ 30m	≤ 50m
											≤ 3m	≤ 6m	≤ 10m	≤ 15m	≤ 20m	≤ 20m	≤ 12m	≤ 20m	≤ 40m	≤ 30m	≤ 50m
											≤ 1m	≤ 1.8m	≤ 3m	≤ 5m	≤ 6m	≤ 6m	≤ 4m	≤ 6m	≤ 12m	≤ 10m	≤ 16m
											≤ 3m	≤ 6m	≤ 10m	≤ 15m	≤ 20m	≤ 20m	≤ 12m	≤ 20m	≤ 40m	≤ 30m	≤ 50m
											≤ 5m	≤ 10m	≤ 17m	≤ 25m	≤ 34m	≤ 36m	≤ 20m	≤ 36m	≤ 68m	≤ 50m	≤ 85m



# PRODUCTS PER DRIVER MATRIX 4/4

Choosing the right power repeater and driver

## COLOUR CHANGE

For all constant current products you will need the **PR3011** and for all constant voltage products you will need the **PR3002**.



Once you know how many products will be installed in your zone use the relevant tables to work out how many power repeaters you will need and which driver to power them.



Do this  
for each  
zone

LSR05 - Bespoke lengths available			Page 324
Length of strip per power repeater	Wattage driver required	Product (driver)	
Up to 2m per <b>PR3002</b>	50W	<b>PS5024</b>	
Up to 5m per <b>PR3002</b>	100W	<b>PS10024</b>	
Up to 10m per <b>PR3002</b>	150W	<b>PSIP15024</b>	

# DIMMING INTERFACE & POWER REPEATER COMPARISON 1/1



For full interface and power repeater specifications visit our website [collingwoodlighting.com](http://collingwoodlighting.com)



TYPE OF INTERFACE	RATED WATTAGE	INPUT CURRENT	INPUT VOLTAGE	OUTPUT CURRENT	OUTPUT VOLTAGE	POWER FACTOR	AMBIENT TEMP. (TA = °C)	CASE TEMP. (TC = °C)	CONTROL	DOUBLE INSULATION	EFFICIENCY	IP RATING	INRUSH CURRENT
INTERFACE FOR DIMMING (USED WITH DRIVER)													
 DALI 104	DALI	<0.05A	220-240V			0.5	-20°C to 50°C	65°C	DALI broadcast dimming	Yes	80%	IP20	20A 0.4ms
 PDCINT1-10V	1-10V for 24V drivers	288W	12A max.	24V DC	12A max.	24V DC	-25°C to 40°C	70°C	1-10V dimming		99%	IP20	

CONSTANT CURRENT / CONSTANT VOLTAGE	RATED WATTAGE	INPUT CURRENT	INPUT VOLTAGE	OUTPUT CURRENT	OUTPUT VOLTAGE	AMBIENT TEMP. (TA = °C)	CASE TEMP. (TC = °C)	CONTROL
POWER REPEATERS FOR COLOUR CHANGE (DRIVER REQUIRED)								
 PR3011	Constant current	4 x 8.4W max.	1.6A max.	24V DC	4 x 350mA	4 x 24V max.	40°C	70°C C100924 / DMX2102
 PR3002	Constant voltage	39W channel max.	6.5A max.	24V DC	4 x 1.6A	4 x 24V	40°C	70°C C100924 / DMX2102

The products will be powered by power repeaters that require a 24V driver. The table below shows which driver is needed for the number of power repeaters being used.















PRODUCTS PER PR3011			PRODUCTS PER PR3011			PR3011s PER DRIVER		
Product code		Max. per PR3011	Product code		Max. per PR3011	Number of PR3011s	Wattage driver required	Product (driver)
<a href="#">DL329RGBW</a>	Page 118	6	<a href="#">LL090RGBW</a>	Page 127	2	1	50W	<a href="#">PS5024</a>
<a href="#">GL007RGBW</a>	Page 186	2	<a href="#">UL010RGBW</a>	Page 257	6	2 - 3	100W	<a href="#">PS10024</a>
<a href="#">GL008RGBW</a>	Page 184	1	<a href="#">UL030RGBW</a>	Page 255	2	4 - 5	150W	<a href="#">PSIP15024</a>
<a href="#">GL016RGBW</a>	Page 205	6	<a href="#">UL345CARGB</a>	Page 262	1			
<a href="#">GL040CARGB</a>	Page 191	6	<a href="#">UL346CARGB</a>	Page 266	1			
<a href="#">GL050RGBW</a>	Page 214	6	<a href="#">UL347CARGB</a>	Page 270	1			
<a href="#">GL090RGBW</a>	Page 189	2	<a href="#">WL070RGBW</a>	Page 237	1			
<a href="#">LL030CARGB</a>	Page 128	6	<a href="#">WL075CARGB</a>	Page 242	2			
















LOOP IN / LOOP OUT	DIN RAIL MOUNT	PROTECTION	SELV	DIMENSIONS (MM)	WEIGHT	CONNECTION OUTPUT	INPUT CABLE	OUTPUT CABLE	ACCESSORIES	WARRANTY
		Short circuit, overload & overheating	Yes	H: 19mm L: 115mm W: 34mm	 100g	Screw terminals 1 x 1-2.5mm <sup>2</sup> cable				2 year guarantee
				H: 28mm L: 138mm W: 40mm	 80g	Terminals	4mm <sup>2</sup> max.	1.5mm <sup>2</sup> max.	Grid dimmer kit PDC/GRID DIMMER	1 year guarantee

IP RATING	LOOP IN / LOOP OUT	DIN RAIL MOUNT	PROTECTION	DIMENSIONS	WEIGHT	CONNECTIONS	ACCESSORIES	WARRANTY
IP20	Yes		Short circuit & overheating	H: 28.5mm L: 170mm W: 58mm	 165g	Screw terminals < 2.5mm <sup>2</sup> cable		5 year guarantee
IP20	Yes		Short circuit & overheating	H: 28.5mm L: 170mm W: 58mm	 165g	Screw terminals < 2.5mm <sup>2</sup> cable		5 year guarantee

# DRIVER COMPARISON 1/3

For full driver specifications visit our website [collingwoodlighting.com](http://collingwoodlighting.com)















	RATED WATTAGE (OUTPUT)	OUTPUT VOLTAGE	OUTPUT CURRENT	INPUT WATTAGE (MAX.)	INPUT VOLTAGE	INPUT CURRENT (MAX.)	INRUSH CURRENT	POWER FACTOR	AMBIENT TEMP. (TA = °C)	CONTROL	DOUBLE INSULATION	EFFICIENCY	IP RATING	PLUG & PLAY
 <b>PLDM35020</b>	N/A (see page 346-353)	30 - 52.5V	350mA	22W	220-240V AC	0.18A	45A 0.2ms	>0.95	-25° C to 50° C	Mains	Yes	>80%	IP20	
 <b>PSMD35039</b>	10W	8-28V	350mA	13W	220-240V AC	0.06A	33A 0.15ms	>0.9	40° C	Mains dimmable	Yes	75% min.	IP20	
 <b>PSMD3501324</b>	24W	34-68.5V	350mA	30W	220-240V AC	0.12A	20A 0.13ms	0.95	45° C	Mains dimmable	Yes	80% min.	IP20	
 <b>PSDAL350M</b>	N/A (see page 346-353)	2-74V	350mA	30W	110-240V AC	0.25A	20A 0.4ms	>0.95	-25° C to 50° C	1-10V & DALI dimmable	Yes	90%	IP20	
 <b>PSDIM350</b>	N/A (see page 346-353)	2 - 74V	350mA	30W	110-240V AC	0.25A	20A 0.4ms	>0.95	-25° C to 50° C	1-10V dimmable	Yes	>80%	IP20	
 <b>PLD UNI-DRIVE 350MA</b>	N/A (see page 346-353)	2-46V	350mA	18W	110-240V AC	0.14A	5A 0.05ms	0.98	-25° C to 50° C	1-10V dimmable	Yes	80%	IP20	
 <b>PSDIN350</b>	N/A (see page 346-353)	2-46V	350mA	30W	220-240V AC	0.16A	5A 0.05ms	0.95	-25° C to 50° C	1-10V dimmable	Yes	88%	IP20	
 <b>PLDCC/350/10-28</b>	N/A (see page 346-353)	2-22V	350mA		10-28V DC				40° C	Non-dimmable		60%	IP20	
 <b>PLR/350 1-5</b>	N/A (see page 346-353)	3-23V	350mA	14W	220-240V AC	0.07A	12.8A 0.6ms	0.6	40° C	Non-dimmable	Yes	>70%	IP40	
 <b>PLU/350 1-9</b>	N/A (see page 346-353)	2.8-27V	350mA	25W	220-240V AC	0.14A	25.5A 0.6ms	0.55	40° C	Non-dimmable	Yes	80%	IP40	
 <b>PLU/PP/350 1-9</b>	N/A (see page 346-353)	2.8-27V	350mA	25W	220-240V AC	0.14A	25.5A 0.6ms	0.55	40° C	Non-dimmable	Yes	80%	IP40	Yes
 <b>PLU/PP6/350 1-9</b>	N/A (see page 346-353)	2.8-27V	350mA	25W	220-240V AC	0.14A	25.5A 0.6ms	0.55	40° C	Non-dimmable	Yes	80%	IP40	Yes
 <b>PLDM/700 3</b>	N/A (see page 346-353)	3-9V	700mA	12W	220-240V AC	0.05A	15A 0.5ms	>0.95	-25° C to 40° C	Mains dimmable	Yes	80%	IP20	
 <b>PSMD700610</b>	24W	17-37V	700mA	30W	220-240V AC	0.12A	28A 0.16ms	0.95	45° C	Mains dimmable	Yes	80% min.	IP20	
















LOOP-IN / LOOP OUT	DIN RAIL MOUNT	PROTECTION	SELV	DIMENSIONS (MM)	WEIGHT	CONNECTION OUTPUT	INPUT CABLE (M)	OUTPUT CABLE	ACCESSORIES	WARRANTY
		Short circuit, overload & overheating	Yes	H: 30mm L: 141mm W: 43mm		Terminals	Rising clamp 5mm pitch	Rising clamp 5mm pitch		1 year guarantee
		Short circuit, overload & over current	Yes	H: 19.2mm L: 123mm W: 44.6mm		Terminals	0.5-1.5mm <sup>2</sup>	0.5-1.5mm <sup>2</sup>		3 year guarantee
		Short circuit, overload & over current	Yes	H: 22mm L: 155mm W: 35mm		Terminals	0.5-1.5mm <sup>2</sup>	0.5-1.5mm <sup>2</sup>		3 year guarantee
		Short circuit, overload & overheating	Yes	H: 22mm L: 123mm W: 79mm		Terminals	0.5-1.5mm <sup>2</sup> max.	0.5-1.5mm <sup>2</sup> max.	4m sync cable SYNC CABLE 4M	5 year guarantee
		Short circuit, overload & overheating	Yes	H: 22mm L: 123mm W: 79mm		Terminals	0.5-2.5mm <sup>2</sup> max.	0.5-2.5mm <sup>2</sup> max.	Grid dimmer kit PDC/GRID DIMMER 4m sync cable SYNC CABLE 4M	5 year guarantee
		Short circuit, overload & overheating	Yes	H: 22mm L: 103mm W: 67mm		Terminals	0.5-1.5mm <sup>2</sup> max.	0.5-1.5mm <sup>2</sup> max.	Grid dimmer kit PDC/GRID DIMMER 4m sync cable SYNC CABLE 4M	5 year guarantee
	Yes	Short circuit, overload & overheating	Yes	H: 36mm L: 70mm W: 90mm		Terminals	0.5-4mm <sup>2</sup> max.	0.5-2.5mm <sup>2</sup> max.	Grid dimmer kit PDC/GRID DIMMER 4m sync cable SYNC CABLE 4M	5 year guarantee
			Yes	H: 12mm L: 40mm W: 18mm		Flying leads	0.2	0.2		1 year guarantee
		Short circuit, overload & overheating	Yes	H: 19mm Ø: 53mm		Flying leads	0.2	0.2		1 year guarantee
Yes		Short circuit, overload & overheating	Yes	H: 28mm L: 111mm W: 48mm		Terminals	1.5mm <sup>2</sup> max.	1.5mm <sup>2</sup> max.	PLU weatherproof housing IX 265	1 year guarantee
Yes		Short circuit, overload & overheating	Yes	H: 28mm L: 111mm W: 48mm		Terminals	1.5mm <sup>2</sup> max.	1.5mm <sup>2</sup> max.	1m Plug & Play extension lead LED LYTE 1M EXT 6-way Plug & Play extension lead LED LYTE 6 WAY EXT	1 year guarantee
Yes		Short circuit, overload & overheating	Yes	H: 28mm L: 111mm W: 48mm		Terminals	0.5-1.5mm <sup>2</sup> max.	0.5-1.5mm <sup>2</sup> max.	1m Plug & Play extension lead LED LYTE 1M EXT 6-way Plug & Play extension lead LED LYTE 6 WAY EXT	1 year guarantee
		Open circuit & short circuit	Yes	H: 28mm L: 78mm W: 50mm		Flying leads	0.15m, 0.75mm <sup>2</sup> 2-core cable	0.3		
		Short circuit, overload & over current	Yes	H: 22mm L: 155mm W: 35mm		Terminals	0.5-1.5mm <sup>2</sup>	0.5-1.5mm <sup>2</sup>		3 year guarantee



# DRIVER COMPARISON 2/3












For full driver specifications visit our website [collingwoodlighting.com](http://collingwoodlighting.com)











	RATED WATTAGE (OUTPUT)	OUTPUT VOLTAGE	OUTPUT CURRENT	INPUT WATTAGE (MAX.)	INPUT VOLTAGE	INPUT CURRENT (MAX.)	INRUSH CURRENT	POWER FACTOR	AMBIENT TEMP. (TA = °C)	CONTROL	DOUBLE INSULATION	EFFICIENCY	IP-RATING	PLUG & PLAY
 PSMD70024	10W	4-14V	700mA	13W	220-240V AC	0.06A	31A 0.12ms	0.9	40 °C	Mains dimmable	Yes	75% min.	IP20	
 PLDM70011	N/A (see page 346-353)	12V	700mA	12W	220-240V AC	0.05A	15A 0.5ms	>0.95	-25 °C to 40 °C	Mains dimmable	Yes	>80%	IP20	Yes
 PSDAL700M	N/A (see page 346-353)	2-72V	700mA	56W	110-240V AC	0.25A	20A 0.4ms	>0.95	-25 °C to 50 °C	1-10V & DALI dimmable	Yes	90%	IP20	
 PSDIM700	N/A (see page 346-353)	2-72V	700mA	56W	110-240V AC	0.25A	20A 0.4ms	0.95	-25 °C to 50 °C	1-10V dimmable	Yes	80%	IP20	
 PLD UNI-DRIVE 700MA	N/A (see page 346-353)	2-46V	700mA	30W	110-240V AC	0.14A	5A 0.05ms	0.98	-25 °C to 50 °C	1-10V dimmable	Yes	80%	IP20	
 PSDIN700M	N/A (see page 346-353)	2-46V	700mA	30W	220-240V AC	0.16A	5A 0.05ms	0.95	-25 °C to 50 °C	1-10V dimmable	Yes	88%	IP20	
 PLDCC/700 12-24	N/A (see page 346-353)	2-22V	700mA		10-28V DC				40 °C	Non-dimmable		70%	IP20	
 PLU/700 3-9	N/A (see page 346-353)	8-27V	700mA	32W	220-240V AC	0.10A	14.9A 0.6ms	0.85	40 °C	Non-dimmable	Yes	80%	IP40	
 PSDIM900	N/A (see page 346-353)	2-55V	900mA	56W	110-240V AC	0.25A	20A 0.4ms	>0.95	-25 °C to 50 °C	1-10V dimmable	Yes	>80%	IP20	
 PSDAL900M	N/A (see page 346-353)	2-55V	900mA	56W	110-240V AC	0.25A	20A 0.4ms	>0.95	-25 °C to 50 °C	1-10V & DALI dimmable	Yes	>80%	IP20	
 PL/IP/350 1-9	N/A (see page 346-353)	3-30V	350mA	25W	220-240V AC	0.10A max.	12.8A 0.8ms	0.6	40 °C	Non-dimmable	Yes	70%	IP65	
 PL/IP/350 3-12	N/A (see page 346-353)	8-38V	350mA	22W	220-240V AC	0.15A	14.9A 0.6ms	0.6	40 °C	Non-dimmable	Yes	70%	IP65	
 PL/IP/700 1-3	N/A (see page 346-353)	3-11V	700mA	21W	220-240V AC	0.06A	12.8A 0.8ms	0.85	40 °C	Non-dimmable	Yes	80%	IP65	
 PL/IP/700 3-9	N/A (see page 346-353)	8-27V	700mA	32W	220-240V AC	0.12A	14.9A 0.6ms	0.85	40 °C	Non-dimmable	Yes	80%	IP65	

LOOP IN / LOOP OUT	DIN RAIL MOUNT	PROTECTION	SELV	DIMENSIONS (MM)	WEIGHT	CONNECTION OUTPUT	INPUT CABLE (M)	OUTPUT CABLE	ACCESSORIES	WARRANTY
		Short circuit, overload & over current	Yes	H: 19.2mm L: 78mm W: 50mm		Terminals	0.5-1.5mm <sup>2</sup>	0.5-1.5mm <sup>2</sup>		3 year guarantee
		Open circuit & short circuit	Yes	H: 28mm L: 78mm W: 50mm		Plug & Play	0.15m, 0.75mm <sup>2</sup> 2-core cable	AWG24 with Plug & Play connector		
		Short circuit, overload & overheating	Yes	H: 22mm L: 123mm W: 79mm		Terminals	0.5-2.5mm <sup>2</sup> max.	0.5-2.5mm <sup>2</sup> max.	Grid dimmer kit PDC/GRID DIMMER 4m sync cable SYNC CABLE 4M	5 year guarantee
		Short circuit, overload & overheating	Yes	H: 22mm L: 123mm W: 79mm		Terminals	0.5-2.5mm <sup>2</sup> max.	0.5-2.5mm <sup>2</sup> max.	Grid dimmer kit PDC/GRID DIMMER 4m sync cable SYNC CABLE 4M	5 year guarantee
		Short circuit, overload & overheating	Yes	H: 22mm L: 103mm W: 67mm		Terminals	0.5-1.5mm <sup>2</sup> max.	0.5-1.5mm <sup>2</sup> max.	Grid dimmer kit PDC/GRID DIMMER 4m sync cable SYNC CABLE 4M	5 year guarantee
	Yes	Short circuit, overload & overheating	Yes	H: 36mm L: 70mm W: 90mm		Terminals	0.5-4mm <sup>2</sup> max.	0.5-2.5mm <sup>2</sup> max.	Grid dimmer kit PDC/GRID DIMMER 4m sync cable SYNC CABLE 4M	5 year guarantee
			Yes	H: 18mm L: 50mm W: 32mm		Terminals	0.5-1.5mm <sup>2</sup> max.	0.5-1.5mm <sup>2</sup> max.		1 year guarantee
Yes		Short circuit, overload & overheating	Yes	H: 28mm L: 138mm W: 40mm		Terminals	0.5-1.5mm <sup>2</sup> max.	0.5-1.5mm <sup>2</sup> max.		1 year guarantee
		Short circuit, overload & overheating	Yes	H: 22mm L: 123mm W: 79mm		Terminals	0.5-2.5mm <sup>2</sup> max.	0.5-2.5mm <sup>2</sup> max.	Grid dimmer kit PDC/GRID DIMMER 4m sync cable SYNC CABLE 4M	5 year guarantee
		Short circuit, overload & overheating	Yes	H: 22mm L: 123mm W: 79mm		Terminals	0.5-2.5mm <sup>2</sup> max.	0.5-2.5mm <sup>2</sup> max.	Grid dimmer kit PDC/GRID DIMMER 4m sync cable SYNC CABLE 4M	5 year guarantee
		Short circuit, overload & overheating	Yes	H: 20mm Ø: 54mm		Flying leads	0.3	0.3		1 year guarantee
		Short circuit, overload & overheating	Yes	H: 30mm Ø: 80mm		Flying leads	0.3	0.3		1 year guarantee
		Short circuit, overload & overheating	Yes	H: 20mm Ø: 54mm		Flying leads	0.2	0.2		1 year guarantee
		Short circuit, overload & overheating	Yes	H: 30mm Ø: 80mm		Flying leads	0.1	0.1		1 year guarantee

# DRIVER COMPARISON 3/3

For full driver specifications visit our website [collingwoodlighting.com](http://collingwoodlighting.com)

	RATED WATTAGE (OUTPUT)	OUTPUT VOLTAGE	OUTPUT CURRENT	INPUT WATTAGE (MAX.)	INPUT VOLTAGE	INPUT CURRENT (MAX.)	INRUSH CURRENT	POWER FACTOR	AMBIENT TEMP. (TA = °C)	CONTROL	DOUBLE INSULATION	EFFICIENCY	IP RATING	PLUG & PLAY
 PS1524	15W	24V DC	0.625A max.	18W	220-240V AC	0.08A	28A 0.02ms	>0.5	45 °C	Dimmable with PDCINT 1-10V	Yes	>84%	IP20	
 PS3024B	30W	24V DC	1.25A max.	36W	220-240V AC	0.24A	20A 0.78ms	>0.9	-20 °C to 45 °C	Dimmable with PDCINT 1-10V	Yes	>80%	IP20	
 PS5024	50W	24V DC	2A max.	59W	220-240V AC	0.27A	70A 0.4ms	>0.9	-25 °C to 45 °C	Dimmable with PDCINT 1-10V	Yes	>85%	IP20	
 PS7524	75W	24V DC	3.13A max.	90W	200-240V AC	0.4A max.	75A 0.11ms	>0.9	-20 °C to 45 °C	Dimmable with PDCINT 1-10V	Yes	85%	IP20	
 PS10024	100W	24V DC	4A max.	120W	220-240V AC	0.54A	75A 0.7ms	>0.9	-25 °C to 45 °C	Dimmable with PDCINT 1-10V	Yes	90%	IP20	
 PSMDIP10024	100W	24V DC	4.17A	120W	180-264V AC	0.8A max.	30A 0.2ms	0.6	40 °C	Mains dimmable		85% with max load	IP66	
 PSDIP6024	60W	24V DC	2.5A max.	71W	220-240V AC	0.35A	10A 0.4ms	>0.9	-25 °C to 45 °C	0-10V dimmable		>85%	IP66	
 PSDIP10024	100W	24V DC	4.15A max.	120W	220-240V AC	0.546A	45A 0.7ms	>0.98	-40 °C to 60 °C	0-10V dimmable		>80%	IP66	
 PSDAL20024	200W	24V DC	8.33A max.	240W	220-240V AC	1A	50A 0.8ms	>0.98	-25 °C to 60 °C	DALI dimmable		>85%	IP66	
 PSIP15024	150W	24V DC	6.3A max.	178W	220-240V AC	0.80A	45A 1ms	>0.95	-40 °C to 60 °C	Dimmable with PDCINT 1-10V		>85%	IP67	
 PSIP25024	250W	24V DC	10.4A max.	285W	220-240V AC	1.6A max.	30A 0.2ms	0.96	50 °C	Dimmable with PDCINT 1-10V		84%	IP67	

LOOP-IN / LOOP-OUT	DIN RAIL MOUNT	PROTECTION	SELV	DIMENSIONS (MM)	WEIGHT	CONNECTION OUTPUT	INPUT CABLE (M)	OUTPUT CABLE	ACCESSORIES	WARRANTY
		Short circuit, overload & overheating	Yes	H: 16mm L: 103mm W: 35.5mm		Terminals	0.5-1.5mm <sup>2</sup> max.	0.5-1.5mm <sup>2</sup> max.	Grid dimmer kit PDC/GRID DIMMER Dimming interface PDCINT1-10V RGBW/RGB controller C100924	3 year guarantee
		Short circuit, overload & overheating	Yes	H: 30mm L: 143mm W: 45mm		Terminals	0.5-1.5mm <sup>2</sup>	0.5-1.5mm <sup>2</sup>	Grid dimmer kit PDC/GRID DIMMER Dimming interface PDCINT1-10V	3 year guarantee
		Short circuit, overload & overheating	Yes	H: 18mm L: 160mm W: 58mm		Terminals	0.5-1.5mm <sup>2</sup>	0.5-1.5mm <sup>2</sup>	Grid dimmer kit PDC/GRID DIMMER Dimming interface PDCINT1-10V RGBW/RGB controller C100924	3 year guarantee
		Short circuit, overload, overheating & over voltage	Yes	H: 28.2mm L: 170mm W: 44.5mm		Terminals	0.5-1.5mm <sup>2</sup> max.	0.5-1.5mm <sup>2</sup> max.		3 year guarantee
		Short circuit, overload & overheating	Yes	H: 31mm L: 180mm W: 65.5mm		Terminals	0.5-2.5mm <sup>2</sup>	0.5-2.5mm <sup>2</sup>	Grid dimmer kit PDC/GRID DIMMER Dimming interface PDCINT1-10V	3 year guarantee
		Short circuit, overload & over current	Yes	H: 43mm L: 230mm W: 70mm		Flying leads	0.25m, 1mm <sup>2</sup> 3-core cable Ø: 7.5mm	0.25m, 1mm <sup>2</sup> 2-core cable Ø: 7mm		3 year guarantee
		Short circuit, overload & overheating	Yes	H: 46mm L: 200mm W: 70mm		Flying leads	Mains: 0.25m, 1mm <sup>2</sup> 3-core cable Ø: 7.5mm 1-10V: 0.25m, 0.75mm <sup>2</sup> 2-core cable Ø: 6.5mm	0.25m, 1mm <sup>2</sup> core cable Ø: 7mm	Grid dimmer kit PDC/GRID DIMMER	3 year guarantee
		Short circuit, overload & overheating	Yes	H: 44mm L: 230mm W: 68mm		Flying leads	Mains: 0.25m, 1mm <sup>2</sup> 3-core cable Ø: 7.5mm 1-10V: 0.25m, 0.75mm <sup>2</sup> 2-core cable Ø: 6.5mm	0.25m, 1.5mm <sup>2</sup> 2-core cable Ø: 7mm	Grid dimmer kit PDC/GRID DIMMER	3 year guarantee
		Short circuit, overload & overheating	Yes	H: 53mm L: 255mm W: 80mm		Flying leads	Mains: 0.25m, 1mm <sup>2</sup> 3-core cable Ø: 7.5mm DALI: 0.25m, 0.75mm <sup>2</sup> 2-core cable Ø: 7mm	0.25m, 1.5mm <sup>2</sup> 2-core cable Ø: 9mm		3 year guarantee
		Short circuit, overload & overheating	Yes	H: 37mm L: 190mm W: 62mm		Flying leads	0.25m, 1mm <sup>2</sup> 3-core cable Ø: 7.5mm	0.25m, 1mm <sup>2</sup> 2-core cable Ø: 8mm	Grid dimmer kit PDC/GRID DIMMER Dimming interface PDCINT1-10V	3 year guarantee
		Short circuit, overload & over current	Yes	H: 36mm L: 220mm W: 62mm		Flying leads	0.25m, 1mm <sup>2</sup> 3-core cable Ø: 7.5mm	0.25m, 2mm <sup>2</sup> 2-core cable Ø: 9mm	Grid dimmer kit PDC/GRID DIMMER Dimming interface PDCINT1-10V	3 year guarantee

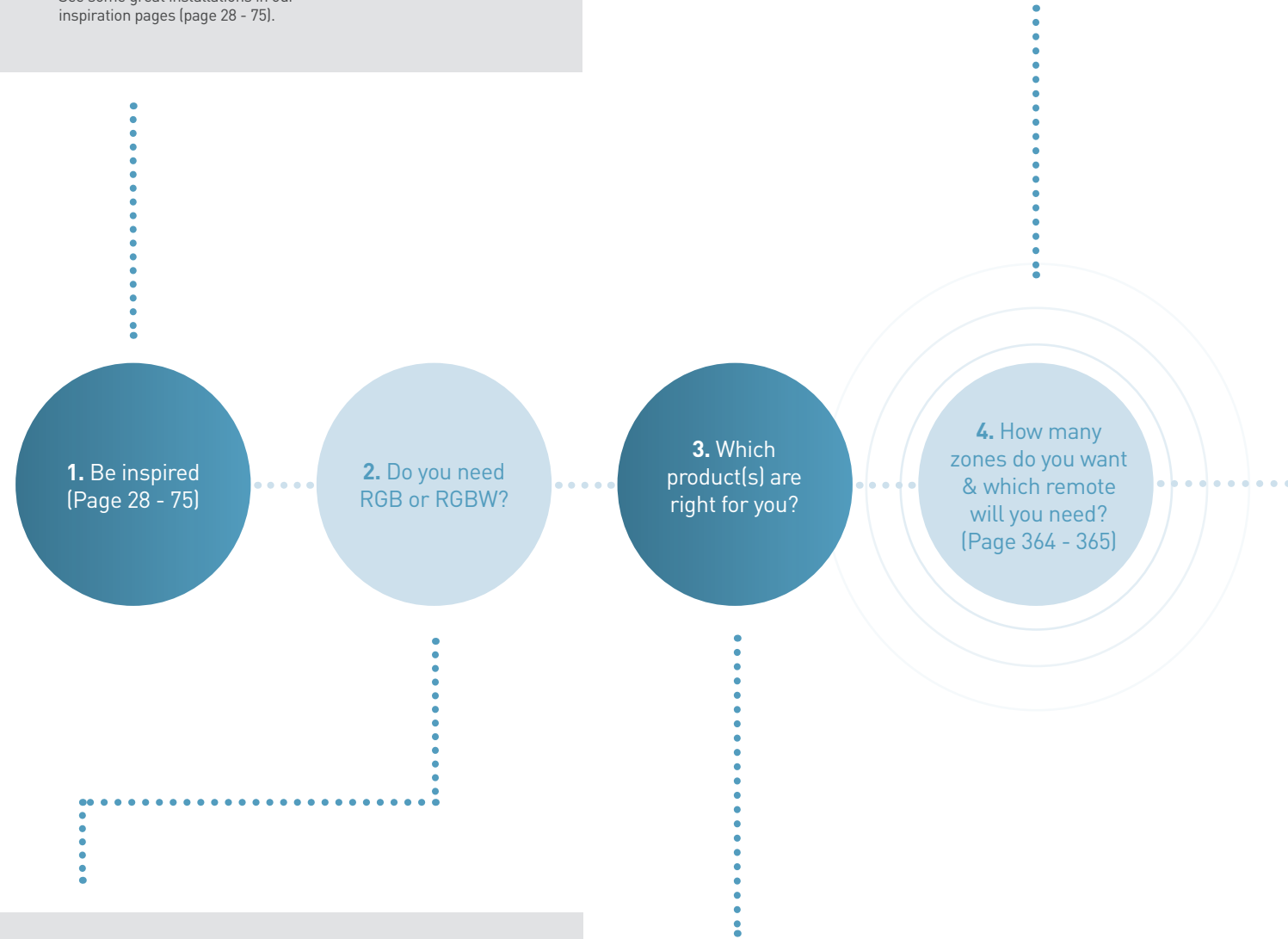



# EIGHT EASY STEPS


## UNDERSTANDING COLOUR CHANGE

To create exciting and diverse spaces

**Examples**  
See some great installations in our inspiration pages (page 28 - 75).



 **RGB**  
Use RGB products to select vivid red, green or blue schemes or mix the three together for even more colour options.

 **RGBW**  
The addition of a white LED in RGBW products provides the option for white light and pastel shades in addition to vivid red, green and blue colours.

REMOTES	
Wall Mounted Remote Control (1 - 4 zones)	Page 364
Hand Held Remote Control (1 - 6 zones)	Page 364
CollingwoodRGBW App (1 - 8 zones)	Page 365
For more than 8 zones a DMX system is required.	

PRODUCTS	
Ground Lights	Page 176 - 217
Wall Lights	Page 228 - 249
Pond Lights	Page 250 - 255
Façade lights	Page 256 - 296
Spike Lights	Page 270 - 279
Strip Lights	Page 290 - 325

#### POWER REPEATERS

PR3011 [Page 366](#)

PR3002 [Page 367](#)

For all constant current products you will need the [PR3011](#) and for all constant voltage products you will need the [PR3002](#).

#### 24V DRIVER

PS1524 15W driver

PS5024 50W driver

PS10024 100W driver

PSIP15024 150W driver

You will need a 24V driver to power your controller / decoder. The number of power repeaters will determine which driver you need.

You will need [CF505RGBW](#) (300mm) cable to wire your controller / decoder to your power repeaters, and your power repeaters to each other (page 370).

You may also need extension cable (page 371).

5. Which power repeater do you need & how many of them? (Page 366 - 367)

6. Do you need a controller or a DMX decoder? (Page 368 - 369)

7. What cable will you need? (Page 370-371)

8. Place your order

#### CONTROLLER / DECODER

C100924 (controller) [Page 368](#)

DMX2102 (decoder) [Page 369](#)

For all installations using 1-8 zones you will need the [C100924](#) controller. If there is already a DMX control system in place or you plan to use more than 8 zones you will need the [DMX2102](#) decoder.

#### 24V DRIVER

PS1524 15W driver

PS5024 50W driver

PS10024 100W driver

PSIP15024 150W driver

You will need a 24V driver to power your controller / decoder. The number of power repeaters will determine which driver you need.

If you need any help our team are on hand on +44 (0) 1604 495 151

# COMPLETE PROCESS WITH C100924

## REMOTE TO PRODUCT

### Remotes

How many zones / rooms do you need?

Which remote covers the number of zones you need?

Is a DMX control system already in place or do you need more than 8 zones? (Use a DMX control system in this case)

### Controller

You will need one per zone.

Are you using an RF remote or a DMX control system? (Use the C100924 with RF remotes and the DMX2102 with DMX control systems)

What wattage driver do you need to power your controller / decoder?

### Power Repeaters

Are you using constant voltage or constant current products? (Use PR3002 for constant voltage products and PR3011 for constant current products)

You will need **CF505RGBW (300mm)** cable to connect each of your power repeaters.

What wattage driver(s) do you need to power your power repeaters?

### Products

What products do you want?

You will need cable to connect your products to your power repeaters.

Avoid using RGB and RGBW products in the same zone as the colour may not always match.

## Remotes



**WC2820WH / WC2820BLK**  
Page 364



## Per Zone



**Controller - C100924**  
Page 368



**RC2819**  
Page 364



**CollingwoodRGBW App**  
Page 365  
**with TR2818**  
Page 365

### 24V driver



**PS1524**  
15W driver



**PS5024**  
50W driver



**PS10024**  
100W driver



**PSIP15024**  
150W driver



**PS1524**  
15W driver  
(TR2818 requires a driver)



Don't forget you will need 300mm extra CF505RGBW cable for every power repeater you use.



It is not advised to put RGB & RGBW products in the same zone as the colours will not always match.

## 24V driver



PS1524  
15W driver



PS5024  
50W driver



PS10024  
100W driver



PSIP15024  
150W driver



Power repeater - PR3011  
Page 366



Power repeater - PR3011  
Page 366



Power repeater - PR3011  
Page 366



Power repeater - PR3011  
Page 366

## Products

Page 176 -325





# ZONES REMOTES

A zone can cover any space you choose. They are often assigned to rooms so that you can have different colour settings for each room and be able to adjust them completely independently from one another using your remote control. For example...

HOUSE FRONT



ZONE 1

LIVING ROOM



ZONE 2

KITCHEN



ZONE 3

BEDROOM 1



ZONE 4

Remember you  
can assign any  
room to any  
zone number

Once you have decided how many zones you require, you will need to select a remote that is capable of covering that number of zones. You are able to use multiple remotes as long as they are all capable of covering the number of zones you have.

Wall Mounted Remote Control - WC2820BLK / WC2820WH - 1-4 zones

Hand Held Remote Control - RC2819 - 1-6 zones

CollingwoodRGBW App - with TR2818 (requires 15W driver) - 1-8 zones

Zone 1 / 1 Room

Zone 2 / 2 Rooms

Zone 3 / 3 Rooms

Zone 4 / 4 Rooms

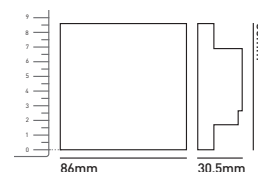
## WC2820WH / WC2820BLK

Wall mounted RGBW Remote Control

Controlling Collingwood Lighting's RGB & RGBW ranges could not be easier with this wall mounted remote control. Using radio frequency (RF) removes the need to connect a signal cable to the controller for a cleaner and quicker installation. By simply touching the screen, select solid colours or start a cycle to change the atmosphere. Colours can also be dimmed by holding down the colour button.

Select up to 4 zones to give individuality to each room.

**Note:** The WC2820 requires 240V AC supply.

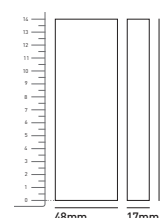


## RC2819

Handheld remote Control

Controlling RGB & RGBW lights on the move could not be easier with this remote control. Using RF removes the need to connect a signal cable to the controller for a cleaner and quicker installation. Select solid colours or start a colour changing cycle to create the perfect atmosphere. Colours can also be dimmed by holding down the colour button. From just one remote control you can select up to 6 different rooms and change the colours individually to suit. A maximum of 8 remote controls can be used and programmed to store your favourite colours.

**Note:** Requires 3x AAA batteries (not included)





Got a query? Contact our team on  
+44 (0) 1604 495 151

BEDROOM 2



ZONE 5

GARDEN



ZONE 6

DINING ROOM



ZONE 7

STAIRS / HALLWAY



ZONE 8

If you require more than 8 zones you will need to use a DMX control system

Zone 5 / 5 Rooms

Zone 6 / 6 Rooms

Zone 7 / 7 Rooms

Zone 8 / 8 Rooms

## COLLINGWOODRGBW APP

iphone, iPad & android app for wireless control

Control RGB & RGBW products with a smart device for up to 8 zones. By simply touching the screen, select solid colours, start a cycle or control lights via a sound to light option. The app can be downloaded for free on Android and IOS.

**Note:** Use in conjunction with [TR2818](#).

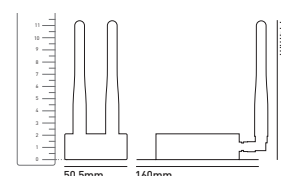


## TR2818

WiFi to RF transmitter

Controlling RGB & RGBW products with a phone, computer or tablet could not be easier with the TR2818. Simply add this unit into your Collingwood Lighting colour change installation and select millions of colours in comfort. Using the CollingwoodRGBW app simply connect directly to the TR2818 or via your own WiFi.

**Note:** The TR2818 requires a 15W driver such as the [PS1524](#).



# POWER REPEATERS

## WHICH ONE AND HOW MANY?

Do this  
for each  
zone

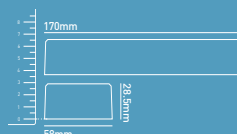
Now you know which products you are going to use and how many of them you will be using in each zone, you can establish which power repeaters you need and work out how many of them you will require.

## For all constant current products use the PR3011

### PR3011

#### 350mA RGB & RGBW POWER REPEATER

A 350mA power supply for the RGB & RGBW product range. Simply wire up to 100 PR3011 to a C100924 for a quick and simple colour change installation, giving you the ability to have as many as 600 luminaires per zone.



## Calculate how many PR3011s you need for the products you have

PRODUCT CODE	PRODUCT FAMILY	MAX PER PR3011
DL329RGBW	Downlight	6
GL007RGBW	Ground Light	2
GL008RGBW	Ground Light	1
GL016RGBW	Ground Light	6
GL040CARGB	Ground Light	6
GL050RGBW	Ground Light	6
GL090RGBW	Ground Light	2
LL030CARGB	Downlight	6
LL090RGBW	Downlight	2
UL010RGBW	Pond Light	6
UL030RGBW	Pond Light	2
UL345CARGB	Façade Light	1
UL346CARGB	Façade Light	1
UL347CARGB	Façade Light	1
WL070RGBW	Wall Light	1
WL075CARGB	Wall Light	2

! Don't forget you'll need 300mm of CF505RGBW cable for every power repeater you use.

### For example...

If you had selected these products for your zone



Using the table to the left we can see that you would need to spread them over the following power repeaters



This means you would need to order the following...



## Don't forget your 24V driver to power your power repeater

The products will be powered by power repeaters that require a 24V driver. The table shows you which driver you need for the number of power repeaters you are using.

If you require more than 5 power repeaters you will need another driver.

NUMBER OF POWER REPEATERS	WATTAGE DRIVER NEEDED	PRODUCT (DRIVER)
1	50W	PS5024
2-3	100W	PS10024
4-5	150W	PSIP15024

### If we were to continue the example...

In the example we calculated that we need 3 x PR3011. Using the table to the left we can see that we need a 100W driver. This means that you will need to order the following...





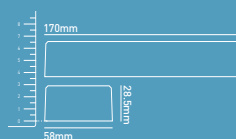
Got a query? Contact our team on  
+44 (0) 1604 495 151

## For all constant voltage products (strip lights) use the PR3002

### PR3002




#### 24V RGB & RGBW POWER REPEATER

A 24v power supply for the strip product range. Simply wire up to 100 to a C100924 for a quick and simple colour change installation, giving you the ability to have as many as 1000 metres of LED strip per zone.



## Calculate how many PR3002s you need for the products you have and which driver you need to power your power repeaters

### LSR05 (RGBW strip) - Bespoke lengths available

LENGTH OF STRIP PER POWER REPEATER	WATTAGE DRIVER NEEDED	PRODUCT (DRIVER)
up to 2m per PR3002	50W	PS5024 
up to 5m per PR3002	100W	PS10024 
up to 10m per PR3002	150W	PSIP15024 

! For all strip, you can put up to 5m on one circuit per PR3002, but for 5-10m you will need to put the strip on two circuits per PR3002 (see product instructions).

! Don't forget you will need 300mm of CF505RGBW cable for every power repeater you use.

### For example...

If you had selected these products for your zone.



13m

LSR05

Using the table to the left we can see that 10m of LSR05 strip would fully load a PR3002 so the remaining 3m of strip would need another PR3002 (using just under 50% of it).

1st PR3002



10m LSR05

2nd PR3002



3m LSR05

This means you would need to order the following...



x2

PR3002

We are using 2 x PR3002. As you can see from the tables you will need a 150W driver for 10m of LSR05. The remaining 3m will need a 50W driver. This means you will need the following...



x2

PR3002



x1

PS5024



x1

PSIP15024



# CONTROLLERS

## WHICH ONE AND WHAT POWER SUPPLY?

Do this  
for each  
zone

A controller is the device that receives a signal from your remote or DMX control system and then makes the LEDs match the colour you have set. You need one controller in each zone to adjust all of the LEDs in that zone.

You will have already decided how many zones you are going to have. If you are controlling eight or less zones then you will need the C100924 controller.

For 1 - 8 zones use the C100924 controller (1 controller per zone)

### C100924

RGB & RGBW CONTROLLER

The C100924 is essential to complete any Collingwood Lighting colour change installation. Receiving the signal from your remote control or device using radio frequency (RF) makes this a fast, simple and flexible method of achieving atmospheric lighting. By removing the need for complicated DMX systems, multi zone colour change can be achieved. Use the C100924 for each zone up to a maximum of 8. The C100924 works with both the PR3011 and the PR3002 power repeaters.



## Don't forget your 24V driver to power your controller

Now that you know how many power repeaters you have in each zone you will be able to use the table to work out which 24V driver you will need to power your controller.

If you are using more than 100 power repeaters in a zone contact us for further help and information on +44 (0) 1604 495 151.

NUMBER OF POWER REPEATERS	WATTAGE DRIVER NEEDED	PRODUCT (DRIVER)
1-10	15W	PS1524
11-30	50W	PS5024
31-60	100W	PS10024
61-100	150W	PSIP15024



PS1524  
15W driver



PS5024  
50W driver



PS10024  
100W driver



PSIP15024  
150W driver

When using a  
DMX control  
system only

## For 9+ zones use the DMX2102 decoder (1 decoder per zone)

### DMX2102

RGB & RGBW DMX DECODER

Use the DMX2102 when using a DMX512 controller only. As part of your Collingwood Lighting colour change installation, simply replace the C100924 controller with the DMX2102 and create up to 512 channels, perfect for the larger installations and when an existing DMX controller is used. The DMX2102 works with both the PR3011 and the PR3002 power repeaters.



## Don't forget your 24V driver to power your decoder

Now that you know how many power repeaters you have in each zone you will be able to use the table to work out which 24V driver you will need to power your controller.

If you are using more than 100 power repeaters in a zone contact us for further help and information on +44 (0) 1604 495 151.

NUMBER OF POWER DECODERS	WATTAGE DRIVER NEEDED	PRODUCT (DRIVER)
1-10	15W	PS1524
11-30	50W	PS5024
31-60	100W	PS10024
61-100	150W	PSIP15024



**PS1524**  
15W driver



**PS5024**  
50W driver



**PS10024**  
100W driver



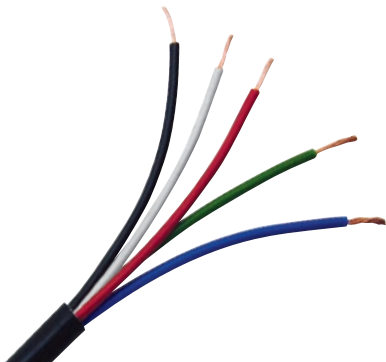
**PSIP15024**  
150W driver

# WIRING

## FOR YOUR COLOUR CHANGE PRODUCTS

You may need additional connectors and accessories to connect your colour change products

### 5-CORE PVC CABLE



#### CR575RGBW

5-core PVC cable

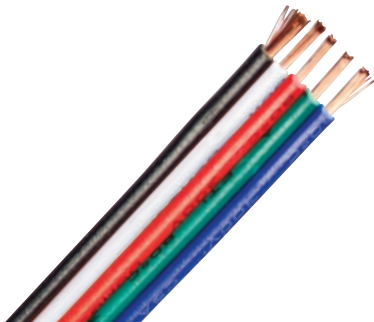
Product Code	CR575RGBW
Construction material	Copper cable
Cable	PVC 5 x 0.75mm <sup>2</sup>
Guarantee	1 year guarantee

USE IN CONJUNCTION WITH	
All RGBW products	
JB7	375

### FEATURES & BENEFITS

Suitable for extending cable on RGBW products

### 5-CORE RGBW RIBBON CABLE



#### CF505RGBW

5-core RGBW ribbon cable

Product Code	CF505RGBW
Construction material	Copper cable
Cable	4x 0.3mm <sup>2</sup> , 1x 0.5mm <sup>2</sup> (black) ribbon cable
Guarantee	1 year guarantee

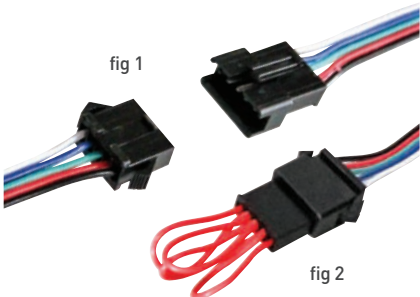
USE IN CONJUNCTION WITH	
C100924	368
PR3011	366
PR3002	367

### FEATURES & BENEFITS

Suitable for connecting C100924 to multiple PR3002 & PR3011

### COLOUR CHANGE EXTENSION LEAD

for RGBW products



#### LEDRGBWEXT

Colour change extension lead for RGBW products

Product Code	LEDRGBWEXT
Construction material	Copper cable (PVC)
Cable	1m (AWG 24) (0.205mm <sup>2</sup> )
Rated max voltage	300V
Rated temperature	80°C
Series / parallel	Series (Plug & Play)
Guarantee	1 year guarantee

NB: Removal of plugs will render this product non-returnable

USE IN CONJUNCTION WITH	
DL329RGBW	118
LL090RGBW	127
WL070RGBW	237

### FEATURES & BENEFITS

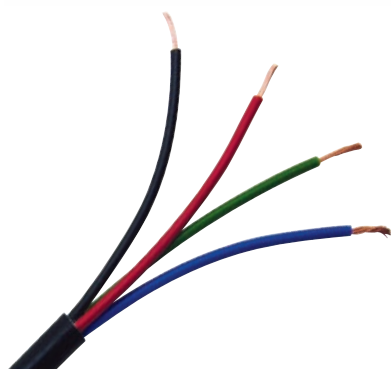
Use multiple extensions for longer lead requirements (fig. 1)

Complete circuit with blanking plug (fig. 2)

Simple extension for series circuit

5-core. RGBW and return

## 4-CORE PVC CABLE



### LED RGB 0.75 CABLE

4-core PVC cable

Product Code	LED RGB 0.75 CABLE
Construction material	Copper cable
Cable	PVC 4 x 0.75mm <sup>2</sup>
Guarantee	1 year guarantee

#### USE IN CONJUNCTION WITH

All RGB products

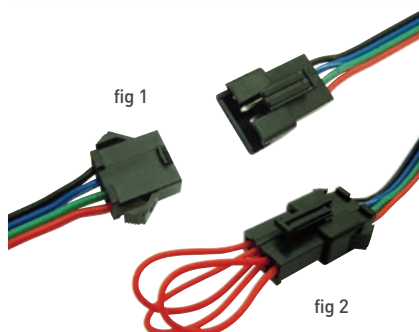
JB3 374

### FEATURES & BENEFITS

- Suitable for RGB wiring
- Can be wired to additional JB3 for multiple fittings
- Ideal for RGB applications

## COLOUR CHANGE EXTENSION LEAD

for RGB products



### LED 3 RGB EXT

Colour change extension lead for RGB products

Product Code	LED 3 RGB EXT
Construction material	Copper cable (PVC)
Cable	1m (AWG 24) (0.205mm <sup>2</sup> )
Rated max voltage	300V
Rated temperature	80°C
Series / parallel	Series (Plug & Play)
Guarantee	1 year guarantee

NB: Removal of plugs will render this product non-returnable

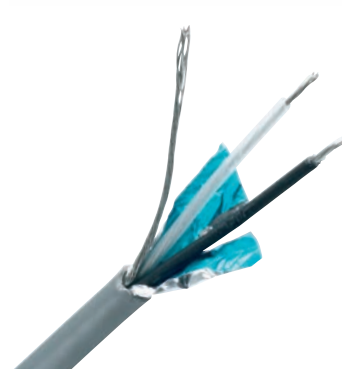
#### USE IN CONJUNCTION WITH

LL030CARGB	128
WL075CARGB	242

### FEATURES & BENEFITS

- Use multiple extensions for longer lead requirements (fig. 1)
- Complete circuit with blanking plug (fig. 2)
- Simple extension for series circuit
- 4-core. RGB and return

## 3-CORE SHIELDED CABLE



### DMX RS 485 CABLE

3-core shielded cable

Product Code	DMX RS 485 CABLE
Construction material	Copper cable
Cable	0.15mm <sup>2</sup>
Guarantee	1 year guarantee

#### USE IN CONJUNCTION WITH

DMX2102 369

### FEATURES & BENEFITS

- Shielded cable
- Interference-free DMX signals (suitable for DMX2102)
- Supplied on 100m reels (also available by the metre)



# Accessories.

We have an extensive range of lighting accessories to suit any requirements and an expert team on hand to help assist in choosing the correct product for your installation. From junction boxes to grid dimmer kits, we ensure that we can equip you with the accessories needed to get the job done.

The range of IP connectors available allow any Collingwood IP rated product to be wired safely, ensuring a water-resistant circuit between the product and its power supply. Our waterproof junction boxes have an IP rating of 68, meaning they are submersible in up to 1.3m of water.

The IP rated connectors are gel filled and have the capacity to be opened and closed, enabling repeat use. Available for series, parallel and straight to mains wiring, and suitable for 2 or 3 core cables, our IP rated connectors ensure that all of our IP rated LED lights can be wired to the same high standard. If you want to know more about any of our accessory products, one of our technical experts will be more than happy to assist.



# ACCESSORIES 1/1

For accessories specific to product ranges visit the relevant sections.



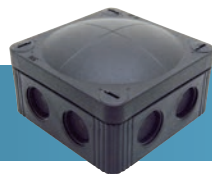
## JB1 (Parallel)

Waterproof junction box

KEY FEATURES	
Max. voltage	30V DC
Max. current	5A
Max. conductor size	1mm <sup>2</sup>
Cable diameter	5 - 6.5mm <sup>2</sup>
IP rating	IP68 (2m)
Wiring	Parallel
Inputs	1
Outputs	1 - 3

### USE IN CONJUNCTION WITH

GL018



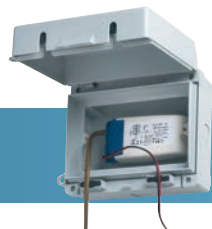
## JB3

Waterproof junction box

KEY FEATURES	
Max. voltage	400V AC
Max. current	30A
Max. conductor size	4mm <sup>2</sup>
Cable diameter	3 - 12mm <sup>2</sup>
IP rating	IP66
Wiring	Parallel
Inputs	1
Outputs	1 - 7

### USE IN CONJUNCTION WITH

GL007RGBW	GL016RGBW
GL040CARGB	GL050RGBW
GL090RGBW	UL010RGBW
UL030RGBW	UL345CARGB
UL346CARGB	UL347CARGB
SL021CARGB	SL220CARGB
WL021CARGB	WL220CARGB



## IX 265

PLU weatherproof housing

KEY FEATURES	
IP rating	IP65
Wiring	Series
Input	1
Output	1
Dimensions	L: 173mm W: 140mm D: 82mm

### USE IN CONJUNCTION WITH

PLU350/1-9



## UY2 CONNECTOR

Quick waterproof connector

KEY FEATURES	
IP rating	IP65
Wiring	Series
Waterproof type	Gel
Material	Plastic

### USE IN CONJUNCTION WITH

MF02 IP	ML01
ML02	ML03
ML010 S	ML020 S
MS02 IP	OCTOLED



## JB2 (Series)

Waterproof junction box

KEY FEATURES	
Max. voltage	48V DC
Max. current	700mA
Max. conductor size	1mm <sup>2</sup>
Cable diameter	5 - 6.5mm <sup>2</sup>
IP rating	IP68 (2m)
Wiring	Series
Inputs	1
Outputs	1 - 3

### USE IN CONJUNCTION WITH

BL01	GL016	GL019
GL021	GL022	GL040
GL041	GL050	GL051
GL063	GL064	GL090
UL010	UL030	SL030
SL130	SL040A	SL220
GL100		



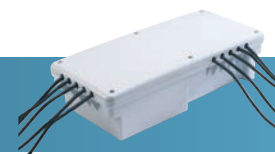
## WC 5-9

Quick release waterproof connector

KEY FEATURES	
Max. voltage	250V AC or 50V DC
Max. current	10A
Max. conductor size	4mm <sup>2</sup>
Cable diameter	5 - 9mm <sup>2</sup>
IP rating	IP68 (1.3m)
Wiring	Inline
Inputs	1
Outputs	1

### USE IN CONJUNCTION WITH

BL03	GL07
GL007 FROSTED	GL08
GL09	GL034A
GL038A	SL220
WL339	WL340
WL341	WL342
GL200	



## IX 365

PDC weatherproof housing

KEY FEATURES	
IP rating	IP65
Wiring	Series / parallel
Input	10
Material	Plastic
Dimensions	L: 410mm W: 190mm D: 110mm

### USE IN CONJUNCTION WITH

PS1524	PS3024
PS5024	PS10024
PSDAL20024	PSDIP6024
PSDIP10024	PSIP15024



## PDC/GRID DIMMER

Grid dimmer kit for multiple fitting types

KEY FEATURES (Constant voltage)	
Dimming	1 - 10V
Minimum load	1 driver
Maximum load	10 drivers

KEY FEATURES (Constant current)	
Dimming	1 - 10V
Minimum load	1 driver
Maximum load	10 drivers

### USE IN CONJUNCTION WITH (CV)

PS5024*	PS10024*
PSDAL20024	PSDIP10024
PSDIP6024	PSDIP10024
PS3024B*	

### USE IN CONJUNCTION WITH (CC)

PSDAL350M	PSDAL700M
PSDIN350M	PSDIN700M
PSDIM350	PSDIM700
PSDIM900	PSDAL900M
PLD UNI-DRIVE 350MA	
PLD UNI-DRIVE 700MA	

\*Must be used with PDCINT 1-10V



Got a query? Contact our team on  
+44 (0) 1604 495 151



## JB4 (Series)

Gel filled waterproof junction box

KEY FEATURES	
Max. voltage	120V DC
Max. current	700mA
Max. conductor size	1.5mm <sup>2</sup>
Cable diameter	6.5 - 12mm <sup>2</sup>
IP rating	IP68 (1.3m)
Wiring	Series
Inputs	1
Outputs	1 - 3

USE IN CONJUNCTION WITH		
BL01	GL016	GL019
GL021	GL022	GL040
GL041	GL050	GL051
GL063	GL064	GL090
UL010	UL030	SL030
SL130	SL040A	SL220
GL100		



## JB5 (Parallel)

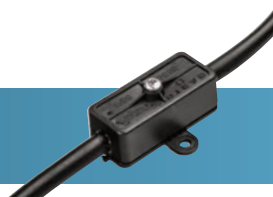
Gel filled waterproof junction box

KEY FEATURES	
Max. voltage	250V AC
Max. current	16A
Max. conductor size	1.5mm <sup>2</sup>
Cable diameter	6.5 - 12mm <sup>2</sup>
IP rating	IP68 (1.3m)
Wiring	Parallel
Inputs	1
Outputs	1 - 3

USE IN CONJUNCTION WITH	
BL03	GL007A
GL007 FROSTED	GL008A
GL009A	GL018
GL034A	GL038A
SL220 MAINS	WL339
WL340	WL341
WL342	GL200

## JB6

Inline IP68 gel filled cable connector



KEY FEATURES	
Max. voltage	250V AC
Max. current	6A
Max. conductor size	0.75mm <sup>2</sup>
Cable diameter	4.8 - 6mm <sup>2</sup>
IP rating	IP68 (1.3m)
Wiring	Inline
Inputs	1
Outputs	1

USE IN CONJUNCTION WITH	
WCR 275 BLACK	
Ideal for extending cable when it's not long enough	

## JB7

5 pole screw terminal IP68 connector

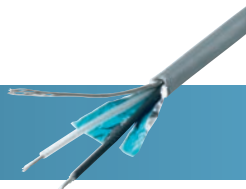


KEY FEATURES	
Max. voltage	24V (RGBW only)
Max. current	1.4A (RGBW only)
Max. conductor size	4mm <sup>2</sup>
Cable diameter	7 - 10.5mm <sup>2</sup>
IP rating	IP68 (1.3m)
Wiring	Parallel
Inputs	1
Outputs	1

USE IN CONJUNCTION WITH	
GL007RGBW	GL016RGBW
GL040CARGB	GL050RGBW
GL090RGBW	UL010RGBW
UL030RGBW	UL345CARGB
UL346CARGB	UL347CARGB
SL021CARGB	SL220CARGB
WL021CARGB	WL220CARGB

## DMX RS 485 CABLE

3-core shielded cable

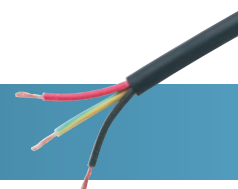


KEY FEATURES	
Cable	DMX RS 485 cable
Material	Copper cable
Length	100m reel or by the metre
Indoor / outdoor	Indoor only

USE IN CONJUNCTION WITH	
DMX2102	

## WCR 375 BLACK

3-core rubber cable

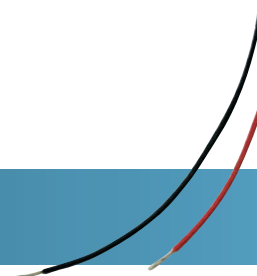


KEY FEATURES	
Cable	H05RN-F 3 x 0.75mm <sup>2</sup>
Material	Copper cable, rubber outer
Length	100m reel
Indoor / outdoor	Suitable for permanent outdoor use

USE IN CONJUNCTION WITH	
JB1	JB5
WC 5-9	

## CR135

PTFE cable

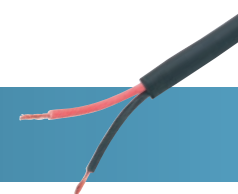


KEY FEATURES	
Cable	Red or black 0.2052 PTFE
Material	30A
Length	100m reel

USE IN CONJUNCTION WITH	
MC010	MC020
MF02 IP	ML01
ML02	ML03
MS02 IP	OCTOLED
UY2 CONNECTOR	

## WCR 275 BLACK

2-core rubber cable



KEY FEATURES	
Cable	H05RN-F 2 x 0.75mm <sup>2</sup>
Material	Copper cable, rubber outer
Length	100m reel
Indoor / outdoor	Suitable for permanent outdoor use

USE IN CONJUNCTION WITH	
JB1	JB2
JB4	JB6



# INFORMATION

## LIGHTING TERMS

### 2700K

CCT Kelvin temperature. 2700K is a warm white similar to the colour of incandescent and halogen lights.

### AC (Alternating Current)

An electrical current alternating in direction.

### Accent Lighting

Aesthetic lighting that provides emphasis, depth and decoration to draw attention to particular objects.

### Ambient Temperature

Ambient temperature relates to the average air temperature in the environment surrounding the luminaire / LED driver.

### Bathroom Zone

Suitability for a product to be installed near or in water.

### CCT

Correlated Colour Temperature.

### Colour Switchable

Colour temperature can be switched between 3000K to 4000K or 6000K / 6500K.

### CRI

Colour Rendering Index.

### DALI

Digital Addressable Lighting Interface. A method of digital dimming, allowing precise control of individual light fittings by an external control system.

### DC (Direct Current)

An electrical current flowing in one direction only. All Collingwood products use DC output from the driver to operate the LEDs.

### Dim to Warm

The CCT becomes warmer as the product is dimmed.

### Downlight

A luminaire designed to be installed in a ceiling, with the lights source pointed vertically downwards.

### Flicker

A visible constant fluctuation of light output from on to off.

### Floodlight

A luminaire featuring a wide beam angle, designed to provide illumination over a wide area.

### IK Rating

Indicates the protection against mechanical impact. Rated from IK00 to IK10.

### Insulation Coverable

Insulation can be laid directly on top of the product this can refer to rolled or blown wool insulation.

### IP Rating

Ingress Protection Rating.

### Kelvin (K)

Kelvin is the scientific unit for measuring CCT (Correlated Colour Temperature).

### L70, B10 / L70, B50

Lifetime indication of LEDs.

### LED (Light Emitting Diode)

Emits light through the conversion of electrical energy.

### Lumens (lm)

The quantity of light emitted from a light source that is visible. The higher the lumens, the brighter the light.

### Luminaire

Is a light fitting that contains a light source, mechanical fixings and a power supply.

### Luminous Efficacy

Is a measure of energy efficiency and is calculated by dividing the lumens by the wattage (lm/W).

### Luminous Flux

Total number of 'lumens' emitted from a light source.

### Lux (lx)

Quantity of light that illuminates a surface, e.g. in a corridor 100 lux are required on the floor.

### LUXEON Crisp White Technology

This technology activates fluorescing agents in paints and fabrics to display merchandise in true colours.

### mA

A milliamp is one thousandth of an amp (0.001A). Collingwood products are typically designed to take 350mA, 700mA, 900mA.

### Microwave Sensor

A presence sensor to reduce the amount of time lighting is left on unnecessarily.

### Neutral White (NW) / 4000K

Light with a CCT kelvin temperature of 4000K.

### PIR

Passive Infrared Device, used to activate lighting when a person enters a room or area.

### Power Supply / Driver

Power source for the LED luminaire.

### REACH

Registration, Evaluation, Authorisation & Restriction of Chemicals. All Collingwood products are REACH compliant.

### RGB

Red, Green, Blue. Used to describe colour changing products that can be used to dynamically add colour to any environment.

### RGBW

Stands for Red, Green, Blue, White. Used to describe colour changing products that can be used to dynamically add colour to any environment. Can also be run on white when natural lighting is required.

### RoHS

Restriction of Hazardous Substances, an EU requirement that restricts the use of harmful materials within products. All Collingwood products are RoHS compliant.

### SELV

Separated Extra Low Voltage. A low voltage power supply that will not exceed 50V AC or 120V DC.

### Spotlight

A light source featuring a narrow beam angle, designed to allow highlighting or illumination of specific features in an area.

### Task Lighting

Describing the installation or retrofit of LED downlights or other lighting specifically to provide functional illumination of an environment.

### Thermal Management

LEDs are susceptible to heat. Thermal management refers to components that are designed to remove heat efficiently to ensure high light output and long lifetime from the LEDs.

### UGR

UGR stands for Unified Glare Rating. The lower the value, the more comfortable the environment.

### Warm White (WW) / 3000K

Light with a CCT kelvin temperature of 3000K.

### Watt (W)

The unit of electrical power stating the amount of electricity consumed by the product.

### WEEE

Waste Electrical and Electronic Equipment, Collingwood is part of a WEEE scheme. Our WEEE Registration: WEE/JC3973RV

## WIRING / ELECTRICAL TERMS

### Extension Leads

Ready-made leads for easy extension of cables, usually with male / female plugs for Plug & Play extensions.

### Flying Leads

Electrical leads already attached to the product.

### H05RN-F

Electrical cable suitable for outdoor use.

### Pattress Box

Back box for electrical front plates.

### Plug & Play

Cables on product have 1 x male and 1 x female plugs attached for quick connection.

### PTFE

A non-stick, chemically resistant insulating material.

### Shielded Cable

Inner wires are wrapped in a shielding material to protect from electrical interference.

### Straight to Mains

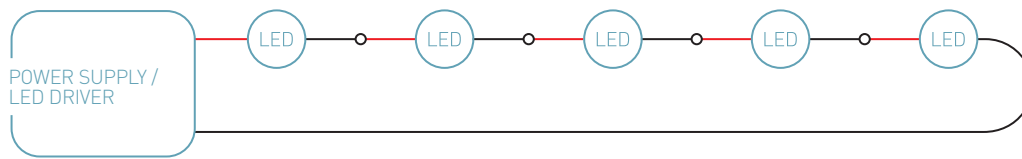
Product for which no other wiring is required other than connection to the mains supply.

## SERIES / PARALLEL WIRING

LED lighting products can be wired in either Series or Parallel and both have their advantages.

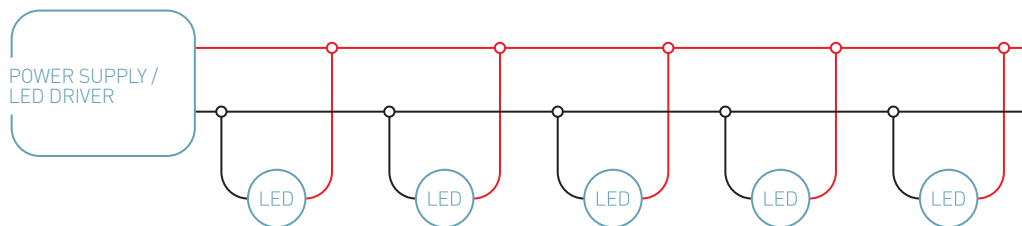
### 1 Series

Series wired products that require a separate constant current power supply.



### 2 Parallel

Parallel wired products that require a separate constant voltage power supply.



Collingwood Lighting specification sheets and catalogues clearly show which driver to use with which product and show how many LEDs can be fitted.

## BUILDING REGULATIONS

Specifically related to the UK, the following building regulations should be complied with, where appropriate.

### Part B - Fire Protection

When a hole is cut into a fire barrier (e.g. a fire rated ceiling), an appropriately fire-resistant luminaire must be used to block the hole from any pathway in the event of a fire in the room. All Collingwood downlights are fire rated and designed around our patented fire-resistant technology.

### Part C - Moisture Protection

When a hole is cut in an insulation barrier (e.g. a ceiling tile or plaster ceiling), air and moisture can travel into the ceiling void. Part C rated downlights can assist in energy saving by preventing heat loss from a room. The H4 Pro range are the only Part C rated adjustable downlights available in the market.

### Part E - Acoustic Protection

In multi-floor buildings, such as hotels and apartment blocks, sound can permeate throughout the building causing annoyance to neighbours and colleagues. With a Part E rated downlight, testing is carried out to ensure it is resistant to sound being transferred through partitions.

### Part P - Electrical Safety

Covers all aspects of proper installation of electrical components. All Collingwood products have been designed to easily allow installation to Part P, but we recommend that they should be installed by a qualified electrician or a suitably competent person.

### Part L - Conservation of Energy

LEDs are an energy efficient technology, however not all LED products are created equal. Part L ensures that only the most efficient products are installed, so that as little energy as possible is used, and therefore energy bills are lowered.

Since early 2014, the energy efficiency requirement in Part L is greater than 60lm/W. There is also an onus on using control systems to ensure that energy is not further wasted by lighting being left on when it is not needed.

## SDCM (STANDARD DEVIATION COLOUR MATCHING)

SDCM refers to the colour consistency between light sources. SDCM is a different naming convention for MacAdam Ellipses, both terms are internationally accepted. A SDCM is a scientific term given to light sources that the human eye should not be able to distinguish a difference between in an installation.

Collingwood Lighting commits to ensuring that its illumination products have a colour consistency.

# CCT (CORRELATED COLOUR TEMPERATURE)

## Choosing a colour temperature:

LEDs make it possible to have a choice of white colours or 'tones'. This allows easy customisation of an area to bring out the best in the materials and design of a room.

With standard white LED lighting, these tones range from warm-yellow to cool-blue white light, with several options in between. The graphic below is a reference that starts at a warm yellow colour on the left and fades into a cool blue colour on the right.

Collingwood Lighting uses the industry standard Correlated Colour Temperature (CCT) rating to describe the tones of white light available. The standard unit of CCT is the kelvin [K], so CCT is described as a 'temperature'.

CCT options range from 6000K / 6500K for cool white, 4000K for natural white, 3000K for warm white and 2700K for an even warmer white.

You will find colour consistency across our entire range of products ensuring seamless installations.

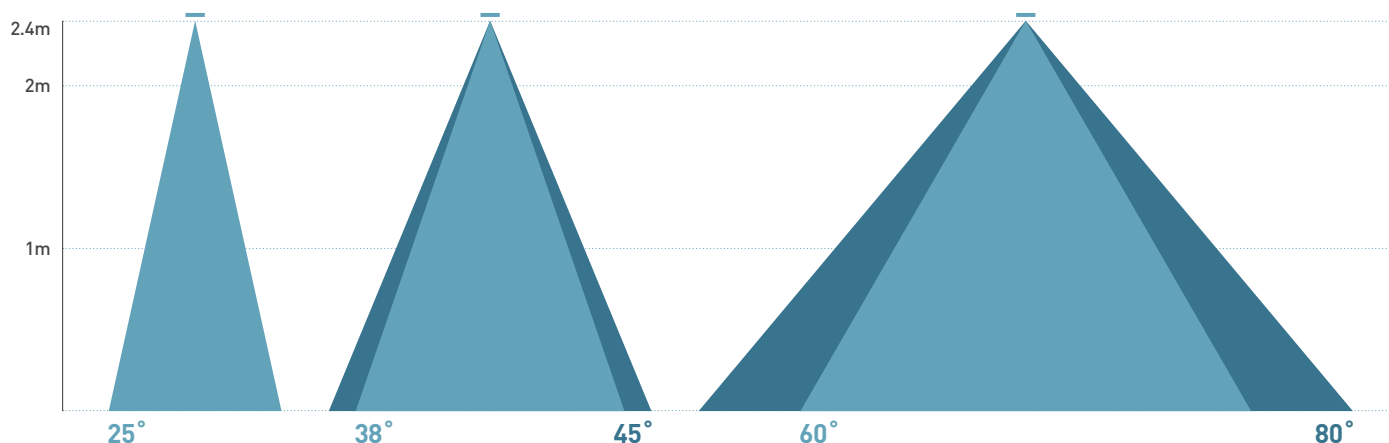
It can be a tricky to decide what is best for your installation, but our skilled technical sales and lighting design teams are on hand to guide you through choosing the perfect white tone for your room.



## BEAM ANGLES

- 25°** A narrow beam angle ideal for illuminating specific areas of interest with pin points of light.
- 38°** The most commonly used beam angle since the introduction of the halogen lamp in the '70s. Ideal for illuminating large areas and space between fittings is normally 1m-1.2m to create an even spread of light at floor level. Commonly used throughout residential and commercial environments.
- 45°** Can be used instead of a 38° beam angle when the ceiling is higher than standard or when looking to achieve a greater spread of light at floor and wall level. Commonly used in the hospitality market.

- 60°** This wider beam angle allows for greater spacing between fittings, up to 1.8m apart, or greater illumination at 1.2m spacings, meaning fewer luminaires are required. Also produces a more even spread of light at floor and wall level. Commonly used throughout residential and commercial environments.
- 80°** Ideal for high ceilings and illuminating large areas of space and is more commonly used in the commercial sector.



## CRI (COLOUR RENDERING INDEX)

A value given to the quality of a light source with regards to how accurately it can replicate colours compared to natural daylight. CRI is given as a value out of 100, and is stated as the Rendering Index (Ra).

LEDs are generally available with a CRI of between 50Ra and 95Ra, with those in the lower end used for outdoor lighting, and those in the higher end used for professional photography.

It is generally accepted that a CRI of >70Ra is good, which is suitable for many installations, with >80Ra being very good, and more useful for general indoor lighting and >90Ra being used in specialised locations, e.g. retail or very high-end hospitality.



LOW CRI



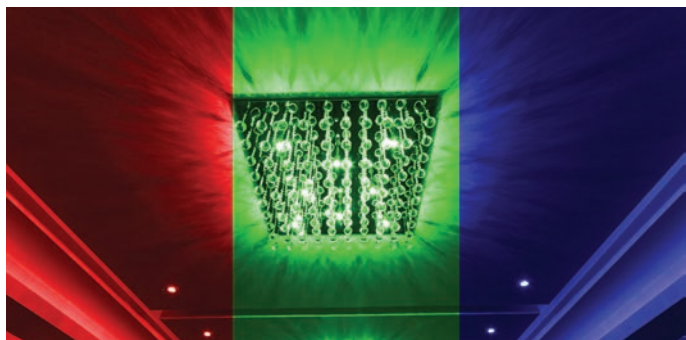
HIGH CRI

## RGB Vs RGBW

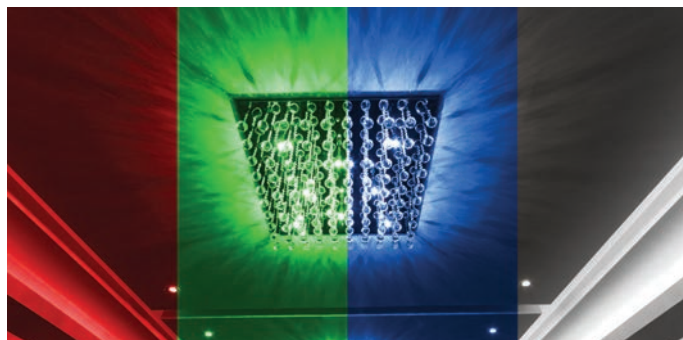
Use RGB products to select vivid red, green or blue schemes or mix the three together for even more colour options.

The addition of a white LED in RGBW products provides the option to create pastel shades and white in addition to the vivid red, green and blue colours.

RGBW can also be run on white, giving you the option of more natural lighting when it is required. Choose from 2700K, 3000K and 4000K.



RGB



RGBW

## DIALux

Collingwood Lighting is pleased to announce that we have partnered with DIALux.

DIALux is a free 3D lighting design software which provides fast and accurate calculations and detailed, realistic visualisations of designs.

Our entire e-catalogue is available in our plug-in, giving you the freedom to select any product and add it to your virtual design. This will create an accurate representation of your lighting scheme before you get your hands dirty. Giving you the ability to get creative with your design and accomplish the perfect lighting scheme - with no regrets after installation.

To download our plug-in visit [collingwoodlighting.com](http://collingwoodlighting.com) and click on the DIALux logo.

# DIALux



# LED LIFETIME / LIGHT OUTPUT

LEDs do not use heat to generate light in the same way as commonly used lights, where 80% of the power used is dissipated as heat. This is why LEDs are referred to as cool to touch and are safer to use, especially in ground light products. However an LED does have an operating temperature within its structure. This heat, if not removed will reduce the light output and product lifetime. This is why LED products have heatsinks or use the body of the product to dissipate the heat as quickly and efficiently as possible.

Many Collingwood LED products have visible heatsinks: these are typically made from anodised aluminium and feature many thin fins. It is essential to have an air gap around the heatsink, as this ensures that heat is quickly removed, which keeps the LED at optimum temperature.

LEDs do naturally lose their ability to produce light over many thousands of hours so Collingwood Lighting publishes the expected lifetime of products within the catalogue. This helps customers to easily determine how long the product will last, and to calculate how much energy will be saved compared to conventional

incandescent lamps over the life of the product. Use the cost savings calculator on our website to see our estimate of how much our lights can save you compared to non-LEDs. Lifetime is stated as the number of hours of operation until the light level emitted from the LEDs will have dropped to a specified percentage of the original published values.

For the majority of Collingwood Lighting products, lifetime is stated as 'L70, B10 X hours'. Where, 'L70' means 70% of original light output remains. 'B10' means that 10% of products will have reached this level (i.e. 90% of products will have a light output greater than 70% of published) after 'X' number of hours of operation.

As an example, the majority of Collingwood Lighting products state lifetime as L70, B10 for 70,000 hours. However, as LEDs do naturally lose their ability to emit light, even when they have reached this point, they will continue to operate for many hundreds of hours after this level has been reached, but at an ever-reducing level.

# IK RATING

Degrees of protection against external mechanical impacts.

NO.	PROTECTION
IK00	Not protected
IK01	Protected against 0.14 joules impact.
IK02	Protected against 0.2 joules impact.
IK03	Protected against 0.35 joules impact.
IK04	Protected against 0.5 joules impact.
IK05	Protected against 0.7 joules impact.

NO.	PROTECTION
IK06	Protected against 1 joules impact.
IK07	Protected against 2 joules impact.
IK08	Protected against 5 joules impact.
IK09	Protected against 10 joules impact.
IK10	Protected against 20 joules impact.

# IP RATING

The IP rating normally has two numbers:

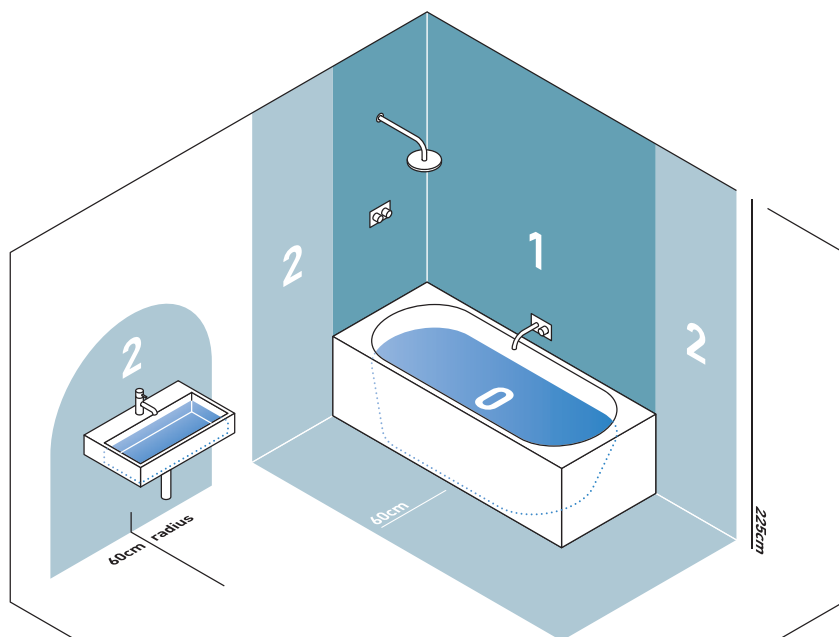
1. Level of protection from solid objects or materials
2. Level of protection from liquids (water)

NO.	EXAMPLE	SOLID PROTECTION	NO.	EXAMPLE	WATER PROTECTION
0		No special protection	0		No special protection
1		Protection from a large part of the body such as a hand (but no protection from deliberate access); from solid objects greater than 50mm in diameter	1		Protection against condensation
2		Protection against fingers or other objects not greater than 80mm in length and 12mm in diameter	2		Protection against water droplets deflected up to 15° from vertical
3		Protection from entry by tools, wires etc, with a diameter of 2.5mm or more	3		Protection against spray up to 60° from vertical
4		Protection against solid bodies larger than 1mm	4		Protection against water spray from all directions
5		Protection against dust that may harm equipment	5		Protection against low pressure water jets (all directions)
6		Totally dust-tight	6		Protection against high pressure water jets and waves
			7		Protection against temporary immersion
			8		Protection against prolonged effects of submersion under pressure. Submersion depth to be specified.*

## IP65

Ingress Protection

\* e.g. IP 68 @ 1bar = dust-tight and permanent protection to 1 bar pressure (9m water depth)



## WHAT IP RATING DO I NEED?

### Zone 0 ≥IPX7

Only 12V AC rms or 30V ripple-free DC SELV, transformers must be sited outside Zones 0,1,2.

### Zone 1 ≥IPX4

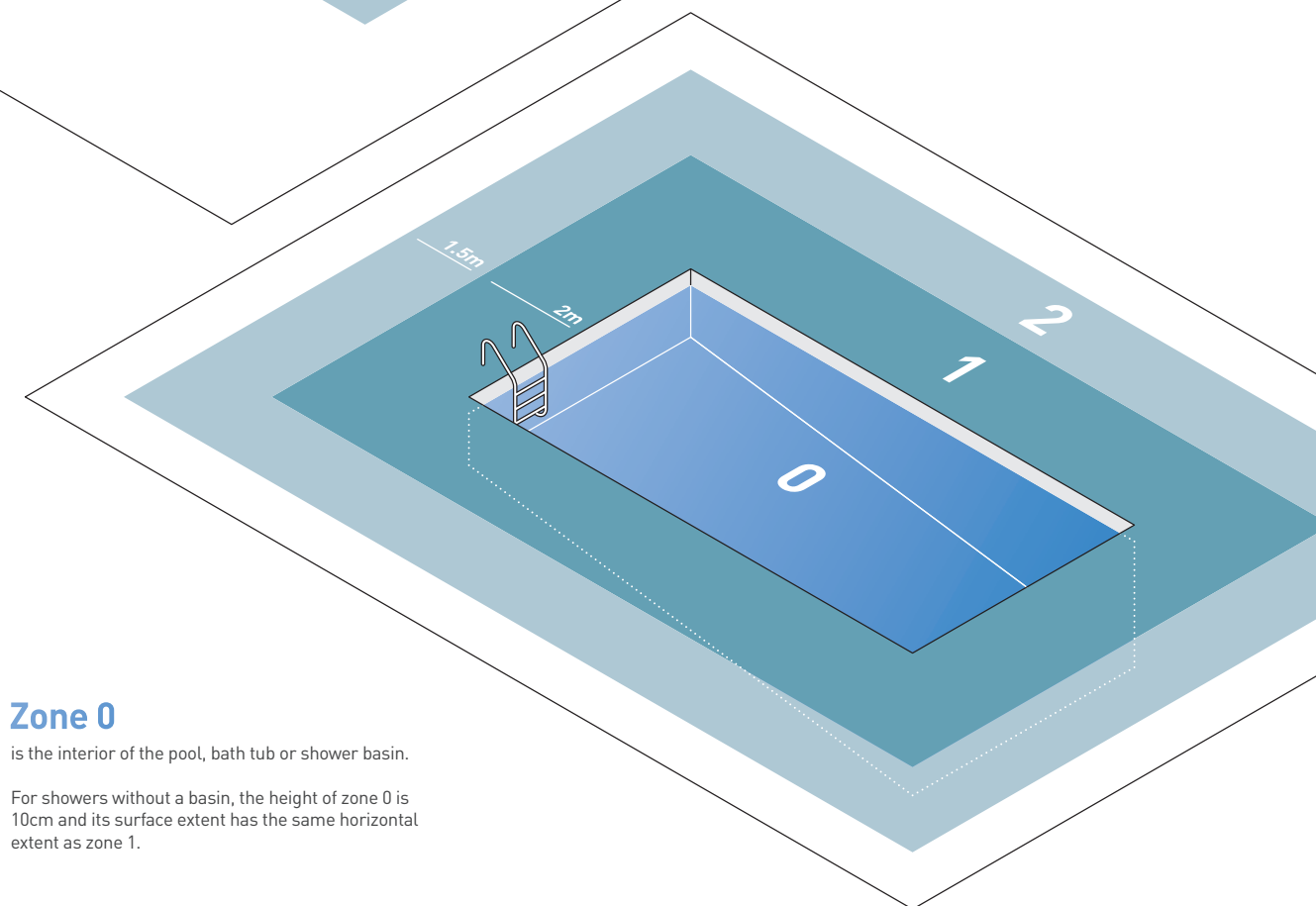
Where water jets are likely to be used for cleaning purposes in communal baths & showers at least IPX5 is required.

### Zone 2 ≥IPX4

Where water jets are likely to be used for cleaning purposes in communal baths & showers at least IPX5 is required.

### Outside zones 0, 1 & 2

No specific IP rating. Where water jets are likely to be used for cleaning purposes in communal baths & showers at least IPX5 is required.



## Zone 0

is the interior of the pool, bath tub or shower basin.

For showers without a basin, the height of zone 0 is 10cm and its surface extent has the same horizontal extent as zone 1.

## Zone 1

is the three-dimensional space limited by the finished floor level and the horizontal plane corresponding to the highest fixed shower head or water outlet or the horizontal plane lying 2.25m above the finished floor level, whichever is higher and the vertical plane circumscribing the bath tub or shower.

For showers without a basin, the limiting vertical plane of zone 1 is at a distance of 1.2m from the centre point of the fixed water outlet on the wall or ceiling.

## Zone 2

is the three-dimensional space limited by the finished floor level and the horizontal plane corresponding to the highest fixed shower head or water outlet or the horizontal plane lying 2.25m above the finished floor level, whichever is higher than the vertical surface at the boundary of zone 1 and the parallel vertical surface at a distance of 60cm from the zone 1 border.

For showers without a basin, there is no zone 2 but and increased zone 1 is provided by the horizontal dimension of 1.2m.

## RESIDENTIAL LIGHTING

## DOWNLIGHTS

## H2 LITE


DLT388BS55302  
DLT388BS55402

83


DLT388MW55302  
DLT388MW55402

83

## H2 LITE 500


DLT469BS6030  
DLT469BS6040

84


DLT469MW6030  
DLT469MW6040

84

## H2 LITE 500 CSW



DLT470BS6500

85



DLT470MW6500

85

## H2 LITE 500 CSP


DLT4566000  
(bezels available separately)

86

## H2 PRO 550 - T CONNECTOR


DLT35638NW  
DLT35638NWEM  
DLT35638WW  
DLT35638WWEM  
(bezels available separately)

87


DLT35660NW  
DLT35660NWEM  
DLT35660WW  
DLT35660WWEM  
(bezels available separately)

87

## H2 Pro 550 SPS


DLT4335530  
DLT4335530EM  
DLT4335540  
DLT4335540EM  
(bezels available separately)

88

## H2 PRO 550 CS


DLT4286500  
DLT4286500EM  
(bezels available separately)

89

## H2 PRO 700 - T CONNECTOR


DLT2425527  
DLT2425527EM  
DLT2425530  
DLT2425530EM  
DLT2425540  
DLT2425540EM  
(bezels available separately)

90

## H2 PRO DUSK


DLT2425528  
DLT2425528EM  
(bezels available separately)

91

## H2 PRO ELECT


DLT4074528  
DLT4074528EM  
DLT4074530  
DLT4074530EM  
DLT4074540  
DLT4074540EM  
(bezels available separately)

92

## H2 PRO ELECT TRIMLESS


DL4094528  
DL4094528EM  
DL4094530  
DL4094530EM  
DL4094540  
DL4094540EM

93

## H2 BEZELS


RB359BLK  
(sold in multiples of two)

94


RB359BS  
(sold in multiples of two)

94


RB359CR  
(sold in multiples of two)

94


RB359MW  
(sold in multiples of two)

94

## RB359PG

(sold in multiples of two)



94

## RB359SIL

(sold in multiples of two)



94

## RB359WH

(sold in multiples of two)



94

## SQB360BLK

(sold in multiples of two)



94

## SQB360CR

(sold in multiples of two)



94

## SQB360MW

(sold in multiples of two)



94

## SQB360PG

(sold in multiples of two)



94

## SQB360SIL

(sold in multiples of two)



94

## H4 Pro 550

DLT4353830  
DLT4353830EM  
DLT4353840  
DLT4353840EM  
DLT4357030  
DLT4357030EM  
DLT4357040  
DLT4357040EM  
(bezels available separately)

95

## H4 Pro 550 SPS






































DLT4365530  
DLT4365530EM  
DLT4365540  
DLT4365540EM  
(bezels available separately)

96



RESIDENTIAL LIGHTING								
DOWNLIGHTS			ACCESSORIES					
<b>H4 Pro 700</b>		<b>H5 500 ASYMMETRIC</b>						
	DLT4435527 DLT4435527EM DLT4435530 DLT4435530EM DLT4435540 DLT4435540EM (bezels available separately)	97		DM298GRID	106			
<b>H4 Pro Elect</b>			DL283BSNWDIM DL283BSNWEM DLT283BSNWDIM DLT283BSNWEM DLT283BSWWDIM DLT283BSWWEM DLT283BSWWDIM DLT283BSWWEM	102		DL/CONVERTBLK	105	
	DLT4414528 DLT4414528EM DLT4414530 DLT4414530EM DLT4414540 DLT4414540EM (bezels available separately)	98		DL283CRNWDIM DL283CRNWEM DLT283CRNWDIM DLT283CRNWEM DL283CRWWDIM DL283CRWWEM DLT283CRWWDIM DLT283CRWWEM	102		DL/CONVERTCR	105
<b>H4 BEZELS</b>			DL283WHNWDIM DL283WHNWEM DLT283WHNWDIM DLT283WHNWEM DL283WHWWDIM DL283WHWWEM DLT283WHWWDIM DLT283WHWWEM	102		DL/CONVERTSIL	105	
	RB442BS	99	<b>H5 1000 SYMMETRIC</b>					
	RB442CR	99		DL292BSNW DLT292BSNW DL292BSWW DLT292BSWW	103		DLCONVERT70BS	105
	RB442MW	99		DL292WHNW DLT292WHNW DL292WHWW DLT292WHWW	103		DLCONVERT70CR	105
	RB442WH	99	<b>H5 1000 ASYMMETRIC</b>					
<b>H5 TRIMLESS</b>			DL291BSNW DLT291BSNW DL291BSWW DLT291BSWW	104		DLCONVERT70MW	105	
	DL282WHNWDIM DL282WHHWDIM	100		DL291WHNW DLT291WHNW DL291WHWW DLT291WHWW	104		DLCONVERT70PG	105
<b>H5 500 SYMMETRIC</b>		<b>ACCESSORIES</b>				DLCONVERT70WH	105	
	DL284BSNWDIM DL284BSNWEM DLT284BSNWDIM DLT284BSNWEM DLT284BSWWDIM DLT284BSWWEM DLT284BSWWDIM DLT284BSWWEM	101		14800121	108		DLCONVERT98BS	105
	DL284WHNWDIM DL284WHNWEM DLT284WHNWDIM DLT284WHNWEM DLT284WHHWDIM DL284WHHWWEM DLT284WHHWDIM DLT284WHHWWEM	101		DM298FP	106		DLCONVERT98CR	105
						EFC3P NEW	107	





































RESIDENTIAL LIGHTING

ACCESSORIES	ARCHITECTURAL DOWNLIGHTS	DECORATIVE WALL LIGHTS + UNDER SHELF LIGHTING
 <p>LEDDEM01 111</p>	 <p>DL PENDANT F NW DL PENDANT F WW 116</p>	 <p>LED LYTE IP 27 LED LYTE IP AMBER LED LYTE IP BLUE LED LYTE IP GREEN LED LYTE IP NW LED LYTE IP RED LED LYTE IP WW 146</p>
 <p>LEDEP06 109</p>	 <p>DM012540 DM012527 124</p>	 <p>LED LYTE IP T 27 LED LYTE IP T BL LED LYTE IP T NW 147</p>
 <p>LEDEP07 110</p>	 <p>DM022430 125</p>	 <p>LED LYTE 27 LED LYTE AMBER LED LYTE BLUE LED LYTE NW LED LYTE RED LED LYTE WW 148</p>
<b>ARCHITECTURAL DOWNLIGHTS</b>		
 <p>AR119 SIL 123</p>	 <p>DH02WH 126</p>	 <p>LED LYTE SURFACE 27 LED LYTE SURFACE NW LED LYTE SURFACE WW 145</p>
 <p>AR120 SIL 123</p>	 <p>DH03WH 126</p>	 <p>LED LYTE 1M EXT 149</p>
 <p>AR220 SIL 123</p>	 <p>DH04WH 126</p>	 <p>LED LYTE 6 WAY EXT 149</p>
 <p>DL120 27 DL120 NW DL120 WW 120</p>	 <p>DH05WH 126</p>	 <p>MC010 S 27 MC010 S AMBER MC010 S BLUE MC010 S GREEN MC010 S NW MC010 S RED MC010 S WW 134</p>
 <p>DL130 27 DL130 NW DL130 WW 121</p>	 <p>FIBRE LED LIGHT NW 117</p>	 <p>MC015 S 27 MC015 S NW MC015 S WW 135</p>
 <p>DL201FNW DL201FWW 114</p>	 <p>FIBRE LED 1/30 FIBRE LED 2/30 119</p>	 <p>MC020 S 27 MC020 S AMBER MC020 S BLUE MC020 S GREEN MC020 S NW MC020 S RED MC020 S WW 133</p>
 <p>DL201SNW DL201SWW 114</p>	 <p>LL090RGBW 127</p>	 <p>MC025 S 27 MC025 S NW 136</p>
 <p>DL329RGBW 118</p>	 <p>LL030CARGB 128</p>	 <p>MF02 IP 27 MF02 IP AMBER MF02 IP BLUE MF02 IP GREEN MF02 IP NW MF02 IP RED MF02 IP WW 137</p>
 <p>DL SURFACE F NW DL SURFACE F WW 115</p>	 <p>RL1112027 RL1112030 RL1112040 RL1114027 RL1114030 RL1114040 122</p>	 <p>MS02 IP 27 MS02 IP AMBER MS02 IP BLUE MS02 IP GREEN MS02 IP NW MS02 IP RED MS02 IP WW 138</p>
		 <p>ML01 27 ML01 AMBER ML01 BLUE ML01 GREEN ML01 NW ML01 RED ML01 WW 142</p>

RESIDENTIAL LIGHTING			COMMERCIAL LIGHTING					
DECORATIVE WALL LIGHTS + UNDER SHELF LIGHTING			COMMERCIAL DOWNLIGHTS					
	ML02 27 ML02 AMBER ML02 BLUE ML02 GREEN ML02 NW ML02 RED ML02 WW	143		CDL0132M CDL0132MEM NEW	157		RDSMSIL2030 RDSMSIL2040 RDSMSIL7030 RDSMSIL7040	170
	ML03 27 ML03 AMBER ML03 BLUE ML03 GREEN ML03 NW ML03 RED ML03 WW	144		DL801MW	153		RDSMWH2030 RDSMWH2040 RDSMWH7030 RDSMWH7040	170
	WB/M 01	139	RETAIL LIGHTING				RDSSBLK2030 RDSSBLK2040 RDSSBLK5030 RDSSBLK5040	172
	WB/M 02	139					TLBLK2030 TLBLK2040 TLSIL2030 TLSIL2040 TLWH2030 TLWH2040	164
	WB/M 02/30 DEGREE	139		TLBLK7030 TLBLK7040 TLSIL7030 TLSIL7040 TLWH7030 TLWH7040	164		RDSSWH2030 RDSSWH2040 RDSSWH5030 RDSSWH5040	172
	WB/M BOX	139		TMBLK2030 TMBLK2040 TMSIL2030 TMSIL2040 TMWH2030 TMWH2040	165		RHCL RHCM RHCS	167
	WL050 27 WL050 BLUE WL050 NW WL050 WW	140		TMBLK7030 TMBLK7040 TMSIL7030 TMSIL7040 TMWH7030 TMWH7040	165		SQSLBLK2030 SQSLBLK2040 SQSLBLK7030 SQSLBLK7040	169
	WL050 WALL BOX	141		TSBLK2030 TSBLK2040 TSSIL2030 TSSIL2040 TSWH2030 TSWH2040	166		SQLSIL2030 SQLSIL2040 SQLSIL7030 SQLSIL7040	169
	WL80GXOX30	132		TSBLK5030 TSBLK5040 TSSIL5030 TSSIL5040 TSWH5030 TSWH5040	166		SQSLWH2030 SQSLWH2040 SQSLWH7030 SQSLWH7040	169
				RDSLBLK2030 RDSLBLK2040 RDSLBLK7030 RDSLBLK7040	168		SQSMBLK2030 SQSMBLK2040 SQSMBLK7030 SQSMBLK7040	171
				RDLSIL2030 RDLSIL2040 RDLSIL7030 RDLSIL7040	168		SQSMSIL2030 SQSMSIL2040 SQSMSIL7030 SQSMSIL7040	171
				RDSLWH2030 RDSLWH2040 RDSLWH7030 RDSLWH7040	168		SQSMWH2030 SQSMWH2040 SQSMWH7030 SQSMWH7040	171
				RDSMBLK2030 RDSMBLK2040 RDSMBLK7030 RDSMBLK7040	170		SQSSBLK2030 SQSSBLK2040 SQSSBLK5030 SQSSBLK5040	173

**COMMERCIAL LIGHTING**

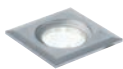


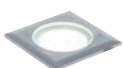














**RETAIL LIGHTING**

	SQSSSIL2030 SQSSSIL2040 SQSSSIL5030 SQSSSIL5040	173		XTS341 XTS342 XTS343	163		XTSF42001 XTSF42002 XTSF42003	162
	SQSSWH2030 SQSSWH2040 SQSSWH5030 SQSSWH5040	173		XTS351 XTS352 XTS353	163		XTSV12	163
	SKB11R1 SKB11R2 SKB11R3	162		XTS361 XTS362 XTS363	163	<b>GROUND LIGHTS</b>		
	SKB11T1 SKB11T2 SKB11T3	162		XTS371 XTS372 XTS373	163		GL007RGBW	186
	SKB121 SKB122 SKB123	162		XTS381 XTS382 XTS383	163		GL007 FROSTED NW GL007 FROSTED WW	187
	SP4R1 SP4R2 SP4R3	162		XTS391 XTS392 XTS393	163		GL008RGBW	184
	SPR62 SPR63	162		XTS401 XTS402 XTS403	163		GL07D24X27 GL07D38X27 GL07D60X27 GL07D24X30 GL07D38X30 GL07D60X30 GL07D24X40 GL07D38X40 GL07D60X40	185
	SPW11 SPW12 SPW13	162		XTS41001 XTS41002 XTS41003	162		GL08D24X27 GL08D38X27 GL08D60X27 GL08D24X30 GL08D38X30 GL08D60X30 GL08D24X40 GL08D38X40 GL08D60X40	183
	XTS111 XTS112 XTS113	163		XTS411 XTS412 XTS413	163		GL09D24X27 GL09D38X27 GL09D60X27 GL09D24X30 GL09D38X30 GL09D60X30 GL09D24X40 GL09D38X40 GL09D60X40	182
	XTS141 XTS142 XTS143	163		XTS42001 XTS42002 XTS42003	162		GL016DC0F27 GL016DC0F30 GL016DC0F40	206
	XTS211 XTS212 XTS213	163		XTSF101 XTSF102 XTSF103	163		GL016 F 27 GL016 F AMBER GL016 F BLUE GL016 F GREEN GL016 F NW GL016 F RED GL016 F WW	202
	XTS231 XTS232 XTS233	163		XTSF301 XTSF302 XTSF303	163		GL016 F AB 27 GL016 F AB AMBER GL016 F AB BLUE GL016 F AB GREEN GL016 F AB NW GL016 F AB RED GL016 F AB WW	204
	XTS241 XTS242 XTS243	163		XTSF41001 XTSF41002 XTSF41003	162			



## LANDSCAPE LIGHTING

### GROUND LIGHTS

	GL016RGBW	205		GL019 SQ F BLUE GL019 SQ F NW GL019 SQ F WW	199		GL050RGBW	214
	GL016 SQ 27 GL016 SQ BLUE GL016 SQ NW GL016 SQ WW	203		GL019 SQ S BLUE GL019 SQ S NW	199		GL051 27 GL051 BLUE GL051 NW GL051 WW	215
	GL018 C AMBER GL018 C BLUE GL018 C GREEN GL018 C NW GL018 C RED GL018 C WW	216		GL019 S T 27 GL019 S T BLUE GL019 S T NW GL019 S T WW	200		GL063 GL06327	207
	GL018 C AB 27 GL018 C AB AMBER GL018 C AB BLUE GL018 C AB GREEN GL018 C AB NW GL018 C AB RED GL018 C AB WW	217		GL019 S TK 27 GL019 S TK BLUE GL019 S TK NW	201		GL064 GL06427	208
	GL018 SQ 27 GL018 SQ BLUE GL018 SQ NW GL018 SQ WW	218		GL038A F 27 GL038A F BL GL038A F NW GL038A F WW	194		GL090 F 27 GL090 F BL GL090 F NW GL090 F WW	188
	GL018 T BLUE GL018 T NW	219		GL040 F 27 GL040 F NW GL040 F WW	190		GL090 S 27 GL090 S BL GL090 S NW GL090 S WW	188
	GL019 F 27 GL019 F AMBER GL019 F BLUE GL019 F GREEN GL019 F NW GL019 F RED GL019 F WW	195		GL040 S 27 GL040 S NW GL040 S WW	190		GL090RGBW	189
	GL019 S 27 GL019 S AMBER GL019 S BLUE GL019 S GREEN GL019 S NW GL019 S RED GL019 S WW	195		GL040CARGB	191		GL100DX1X27 GL100DX1X30 GL100DX1X40 GL100DX2127 GL100DX2130 GL100DX2140 GL100DX2227 GL100DX2230 GL100DX2240 <b>NEW</b>	209
	GL019DC0F27 GL019DC0F30 GL019DC0F40	198		GL040DMBL27 GL040DMBL30 GL040DMBL40	192		GL100DX3X27 GL100DX3X30 GL100DX3X40 GL100DX4X27 GL100DX4X30 GL100DX4X40 <b>NEW</b>	210
	GL019DNBL27 GL019DNBL30 GL019DNBL40	196		GL040DNBL27 GL040DNBL30 GL040DNBL40	192		GL200DX1X27 GL200DX1X30 GL200DX1X40 GL200DX2127 GL200DX2130 GL200DX2140 GL200DX2227 GL200DX2230 GL200DX2240 <b>NEW</b>	211
	GL019DMBL27 GL019DMBL30 GL019DMBL40	196		GL041 F NW GL041 F WW	193		GL200DX3X27 GL200DX3X30 GL200DX3X40 GL200DX4X27 GL200DX4X30 GL200DX4X40 <b>NEW</b>	212
	GL019LGF27 GL019LGFNW GL019LGFWW	197		GL041 S NW GL041 S WW	193			
	GL019LGS27 GL019LGSNW GL019LGSWW	197		GL050 27 GL050 BLUE GL050 NW GL050 WW	213			

**LANDSCAPE LIGHTING**

**GROUND LIGHTS**



TUBE/33  
TUBE332  
TUBE/50  
TUBE/68

**220**

**WALL LIGHTS**



WL070A 27  
WL070A NW  
WL070A WW

**234**



WL220DWB27  
WL220DWB30  
WL220DWB40  
**NEW**

**244**

**STEP LIGHTS**



GL021 27  
GL021 BLUE  
GL021 NW  
GL021 WW

**228**



WL370A 27  
WL370A NW  
WL370A WW

**236**



WL240A F 27  
WL240A F NW  
WL240A F WW

**246**



GL022 27  
GL022 BLUE  
GL022 NW  
GL022 WW

**229**



WL070RGBW

**237**



WL261F27  
WL261FNN  
WL261FWW

**250**



GL034A 27  
GL034A NW  
GL034A WW

**230**



WL060 27  
WL060 NW  
WL060 WW

**238**



WL261S27  
WL261SNW  
WL261SWW

**250**



WL33927  
WL339NW  
WL339WW

**224**



WL160 27  
WL160 NW  
WL160 WW

**239**



WL262F27  
WL262FNN  
WL262FWW

**251**



WL34027  
WL340NW  
WL340WW

**225**



WL075A 27  
WL075A NW  
WL075A WW

**240**



WL262S27  
WL262SNW  
WL262SWW

**251**



WL34127  
WL341NW  
WL341WW

**226**



WL175A 27  
WL175A NW  
WL175A WW

**241**



**POND LIGHTS**



WL34227  
WL342NW  
WL342WW

**227**



WL075CARGB

**242**



UL010 27  
UL010 BL  
UL010 NW  
UL010 WW

**256**



WL041 IP 27  
WL041 IP AMBER  
WL041 IP BLUE  
WL041 IP NW  
WL041 IP WW

**243**



UL010RGBW

**257**



MC040 27  
MC040 NW  
MC040 WW

**248**



WL220CWBM27  
**NEW**

**244**



UL030 27  
UL030 BL  
UL030 NW  
UL030 WW

**254**



MC050 27  
MC050 NW  
MC050 WW

**249**



WL220ZWBM40  
WL220ZWBM30  
WL220ZWBM27  
**NEW**

**244**



UL030RGBW

**255**



OCTOLED27  
OCTOLEDNW  
OCTOLEDWW









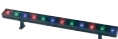

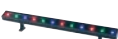

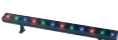

























**247**




































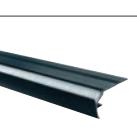




WL220BWB27  
WL220BWB30  
WL220BWB40  
**NEW**






































**244**





## LANDSCAPE LIGHTING

FAÇADE LIGHTS			SPIKE LIGHTS					
	LEDLINE 400 27 110 LEDLINE 400 NW 110 LEDLINE 400 WW 110	260		GH220B	278		SL220ZWBM27 SL220ZWBM30 SL220ZWBM40 <b>NEW</b>	277
	LEDLINE 400 27 25X6 LEDLINE 400 NW 25X6 LEDLINE 400 WW 25X6	264		GH220D	278		SL220DWBWM27 SL220DWBWM30 SL220DWBWM40 <b>NEW</b>	277
	LEDLINE 400 27 45 LEDLINE 400 NW 45 LEDLINE 400 WW 45	268		GS220B	278			
	UL345CARGB	262		GS220D	278			
	UL346CARGB	266		SL030 F 27 SL030 F AMBER SL030 F BLUE SL030 F GREEN SL030 F NW SL030 F RED SL030 F WW	280			
	UL347CARGB	270		SL040A F 27 SL040A F NW SL040A F WW SL040A S 27 SL040A S NW SL040A S WW	279			
	ULBRACKET	272		SL13027 SL13030 SL13040	281			
	ULM345M27 ULM345M30 ULM345M40	261		SL220BWBX27 SL220BWBX40 SL220BWBX30 <b>NEW</b>	276			
	ULM346M27 ULM346M30 ULM346M40	265		SL220CWBX27 <b>NEW</b>	276			
	ULM347M27 ULM347M30 ULM347M40	269		SL220ZWBX27 SL220ZWBX30 SL220ZWBX40 <b>NEW</b>	276			
	ULS345M27 ULS345M30 ULS345M40	263		SL220DWBX27 SL220DWBX30 SL220DWBX40 <b>NEW</b>	276			
	ULS346M27 ULS346M30 ULS346M40	267		SL220BWBWM27 SL220BWBWM30 SL220BWBWM40 <b>NEW</b>	277			
	ULS347M27 ULS347M30 ULS347M40	271		SL220CWBWM27 <b>NEW</b>	277			
						<b>BOLLARDS</b>		
							BOL LED 030 MAINS 27 BOL LED 030 MAINS NW BOL LED 030 MAINS WW	286
							BOL LED 1 27 BOL LED 1 NW BOL LED 1 WW	287
							BOL LED BRACKET	288
							BL01DIB27 BL01DIB30 BL01DIB40 BL01DIS27 BL01DIS30 BL01DIS40 <b>NEW</b>	287
							BL01FIB27 BL01FIB30 BL01FIB40 BL01FIS27 BL01FIS30 BL01FIS40 <b>NEW</b>	287
							BL01PIB27 BL01PIB30 BL01PIB40 BL01PIS27 BL01PIS30 BL01PIS40 <b>NEW</b>	287
							BL01DOB27 BL01DOB30 BL01DOB40 BL01DOS27 BL01DOS30 BL01DOS40 <b>NEW</b>	287
							BL01FOB27 BL01FOB30 BL01FOB40 BL01FOS27 BL01FOS30 BL01FOS40 <b>NEW</b>	287
							BL01POB27 BL01POB30 BL01POB40 BL01POS27 BL01POS30 BL01POS40 <b>NEW</b>	287
							BL01DSB27 BL01DSB30 BL01DSB40 BL01DS27 BL01DS30 BL01DS40 <b>NEW</b>	287

LANDSCAPE LIGHTING			STRIP LIGHTING					
BOLLARDS			STRIP ACCESSORIES					
	BL01FSB27 BL01FSB30 BL01FSB40 BL01FSS27 BL01FSS30 BL01FSS40 <b>NEW</b>	287		BOL255RM	291		SPSIL2M	301
	BL01PSB27 BL01PSB30 BL01PSB40 BL01PSS27 BL01PSS30 BL01PSS40 <b>NEW</b>	287	<b>STRIP PROFILES</b>				U PROFILE 6X12 1M	300
	BL03DIB27 BL03DIB30 BL03DIB40 BL03DIS27 BL03DIS30 BL03DIS40 <b>NEW</b>	286					ACRYLIC COVER C 1M ACRYLIC COVER F 1M	300
	BL03FIB27 BL03FIB30 BL03FIB40 BL03FIS27 BL03FIS30 BL03FIS40 <b>NEW</b>	286		C07010 C07020	299		C07ECA	299
	BL03PIB27 BL03PIB30 BL03PIB40 BL03PIS27 BL03PIS30 BL03PIS40 <b>NEW</b>	286		CX7010 CX7020	299		C07ECB	299
	BL03DOB27 BL03DOB30 BL03DOB40 BL03DOS27 BL03DOS30 BL03DOS40 <b>NEW</b>	286		LED COVE PACK 1M	301		C07MB	299
	BL03FOB27 BL03FOB30 BL03FOB40 BL03FOS27 BL03FOS30 BL03FOS40 <b>NEW</b>	286		LINE PROFILE 20MM 1M	300		CON EXT M/F 6X12	303
	BL03POB27 BL03POB30 BL03POB40 BL03POS27 BL03POS30 BL03POS40 <b>NEW</b>	286		PROFILE 6X12 BLK 1M	300		CON FEMALE 6X12 CON MALE 6X12	303
	BL03DSB27 BL03DSB30 BL03DSB40 BL03DSS27 BL03DSS30 BL03DSS40 <b>NEW</b>	286		PROFILE 6X12 SIL1M	300		CONNECTOR 6X12 CONNECTOR 6X12 5M	303
	BL03FSB27 BL01FSB30 BL03FSB40 BL03FSS27 BL03FSS30 BL03FSS40 <b>NEW</b>	286		RP7010 RP7020	298		CONNECTOR L 6X12	303
	BL03PSB27 BL03PSB30 BL03PSB40 BL03PSS27 BL03PSS30 BL03PSS40 <b>NEW</b>	286		RP28010 RP28020	298		CONNECTOR T 6X12	303
	BOL255WW	289		SM7010 SM7020	298		CONNECTOR X 6X12	303
	BOL256WW	290		SM28010 SM28020	298		CXECA	299
				SPBLK2M	301			



STRIP LIGHTS		
STRIP ACCESSORIES		LED STRIP
 CXECB 299	 SM28MB 298	 LSV0527050 LSV0530050 LSV0540050 LSV0565050 305
 CXECC 299	 SM7ECA 298	 LSV0627050 LSV0630050 LSV0640050 LSV0665050 307
 CXECD 299	 SM7ECB 298	 LSV4227050 LSV4230050 LSV4240050 LSV4265050 308
 LINE PROF END CAP 300	 SM7LC 298	 LSV4427050 LSV4430050 LSV4440050 LSV4465050 310
 LINE PROF FIX CLIP 300	 SM7MA 298	 LSV4527050 LSV4530050 LSV4540050 LSV4565050 309
 LSBFC8 LSBFC10 LSFC12 302	LED STRIP	
 LSBFC8 LSBFC10 LSFC12 302	 LEDSTRIP IP AMB LEDSTRIP IP BL LEDSTRIP IP NW LEDSTRIP IP RED LEDSTRIP IP WW 323	 LSV8227050 LSV8230050 LSV8240050 LSV8265050 312
 LSBFC8 LSBFC10 LSFCD12 302	 LSC0327XXX LSC0330XXX LSC0340XXX 319	 LSV8427050 LSV8430050 LSV8440050 LSV8465050 314
 LSC8PWL 303	 LSC4327XXX LSC4330XXX LSC4340XXX 320	 LSV8527050 LSV8530050 LSV8540050 LSV8565050 313
 LSC8EXT 303	 LSC4527XXX LSC4530XXX LSC4540XXX 321	 LSV8627050 LSV8630050 LSV8640050 LSV8665050 315
 RP7ECA 298	 LSC8327XXX LSC8330XXX LSC8340XXX 322	 SP5027 SP5030 SP5040 316
 RP7ECB 298	 LSV0227050 LSV0230050 LSV0240050 LSV0265050 304	 SP5427 SP5430 SP5435 SP5440 317
 SM28ECA 298	 LSV0427050 LSV0430050 LSV0440050 LSV0465050 306	 SP15427 SP15430 SP15435 SP15440 318

STRIP LIGHTS			BULKHEADS			LIGHTING CONTROLS		
LED STRIP			BULKHEADS			WIRING & DRIVERS		
	LSR0527XXX LSR0530XXX LSR0540XXX	324		WL92BG NEW	339	 PLD UNI-DRIVE 350MA 354		
						 PLD UNI-DRIVE 700MA 356		
FLOODLIGHTS			WIRING & DRIVERS					
	FL01BXCS FL01BPCS NEW	330	 HAL 104 352			 PLR/350 1-5 354		
	FL02BXCS FL02BPCS NEW	331	 PDCINT1-10V 352			 PLU/350 1-9 354		
	FL03BXCS FL03BPCS NEW	332	 PL/IP/350 1-9 356			 PLU/700 3-9 356		
	FL05BXCS FL05BPCS NEW	333	 PL/IP/350 3-12 356			 PLU/PP/350 1-9 354		
	FL10BXCS NEW	334	 PL/IP/700 1-3 356			 PLU/PP/350 1-9 354		
	FL200F27 FL200FNW FL200FWW	335	 PL/IP/700 3-9 356			 PS10024 358		
			 PLDCC/350/10-28 354			 PS7524 358		
BULKHEADS			 PLDCC/700/12-24 356			 PS1524 358		
	WL9212SCS WL9212MCS WL9212ECS WL9212CCS NEW	340	 PLDM35020 354			 PS3024B NEW 358		
	WL9219SCS WL9219MCS WL9219ECS WL9219CCS NEW	341	 PLDM70011 356			 PS5024 358		
	WL92BE NEW	339	 PLDM/700 3 354			 PSDAL20024 358		
	WL92BR NEW	339						













## LIGHTING CONTROLS

### WIRING & DRIVERS

	PSDAL350M	354
	PSDAL700M	356
	PSDAL900M	356
	PSDIM350	354
	PSDIM700	356
	PSDIM900	356
	PSDIN350M	354
	PSDIN700M	356
	PSDIP10024	358
	PSDIP6024	358
	PSIP15024	358
	PSIP25024	358
	PSMD35039	354

	PSMD3501324	354
	PSMD70024	356
	PSMD700610	354
	PSMDIP10024	358
COLOUR CHANGE		
	C100924	368
	CF505RGBW	370
	COLLINGWOODRGBW REQUIRES TR2818	365
	CR575RGBW	370
	DMX2102	369
	DMX RS 485 CABLE	371
	LED 3 RGB EXT	371
	LEDRGBWEXT	370

### COLOUR CHANGE

	LED RGB 0.75 CABLE	371
	PR3002	367
	PR3011	366
	RC2819	364
	TR2818	365
	WC2820BLK	364
	WC2820WH	364
ACCESSORIES		
	CR135 BL CR135 RED	375
	IX 265	374
	IX 365	374
	JB1	374
	JB2	374

**LIGHTING CONTROLS**

**ACCESSORIES**

	JB3	374
	JB4	375
	JB5	375
	JB6	375
	JB7	375
	PDC/GRID DIMMER	374
	UY2 CONNECTOR	374
	WC 5-9	374
	WCR 275 BLACK	375
	WCR 375 BLACK	375



14800121 .....	108	BL01POS30.....	287	C100924.....	368	DL282WHNWDIM.....	100	DLT284WHNWDIM.....	101
ACRYLIC COVER C 1M .....	300	BL01POS40.....	287	CF505RGBW.....	370	DL282WHWWDIM.....	100	DLT284WHNWEM.....	101
ACRYLIC COVER F 1M .....	300	BL01PSB27.....	287	CO7010.....	299	DL283BSNWDIM.....	102	DLT284WHWWDIM.....	101
AR119 SIL .....	123	BL01PSB30.....	287	CO7020.....	299	DL283BSNWEM.....	102	DLT284WHWWEM.....	101
AR120 SIL .....	123	BL01PSB40.....	287	CO7ECA.....	299	DL283BSWWDIM.....	102	DLT291BSNW.....	104
AR220 SIL .....	123	BL01PSS27.....	287	CO7ECB.....	299	DL283BSWWEM.....	102	DLT291BSWW.....	104
BOL255RM.....	291	BL01PSS30.....	287	CO7MB.....	299	DL283CRNWDIM.....	102	DLT291WHNW.....	104
BOL255WW.....	289	BL01PSS40.....	287	CDL0112M.....	154	DL283CRNWEM.....	102	DLT291WHWW.....	104
BOL256WW.....	290	BL03DIB27.....	286	CDL0112MEM.....	154	DL283CRWWDIM.....	102	DLT292BSNW.....	103
BOL LED 030 MAINS 27.....	286	BL03DIB30.....	286	CDL0116M.....	155	DL283CRWWEM.....	102	DLT292BSWW.....	103
BOL LED 030 MAINS NW.....	286	BL03DIB40.....	286	CDL0116MEM.....	155	DL283WHNWDIM.....	102	DLT292WHNW.....	103
BOL LED 030 MAINS WW.....	286	BL03DIS27.....	286	CDL0124M.....	156	DL283WHNWEM.....	102	DLT292WHWW.....	103
BOL LED 1 27.....	287	BL03DIS30.....	286	CDL0124MEM.....	156	DL283WHWWDIM.....	102	DLT35638NW.....	87
BOL LED 1 NW.....	287	BL03DIS40.....	286	CDL0132M.....	157	DL283WHWWEM.....	102	DLT35638NWEM.....	87
BOL LED 1 WW.....	287	BL03DOB27.....	286	CDL0132MEM.....	157	DL284BSNWDIM.....	101	DLT35638WW.....	87
BOL LED BRACKET.....	288	BL03DOB30.....	286	COLLINGWOODRGBWAPP.....	365	DL284BSNWEM.....	101	DLT35638WWEM.....	87
BL01DIB27.....	287	BL03DOB40.....	286	CON EXT M/F 6X12.....	303	DL284BSWWDIM.....	101	DLT35660NW.....	87
BL01DIB30.....	287	BL03DOS27.....	286	CON FEMALE 6X12.....	303	DL284BSWWEM.....	101	DLT35660NWEM.....	87
BL01DIB40.....	287	BL03DOS30.....	286	CON MALE 6X12.....	303	DL284WHNWDIM.....	101	DLT35660WW.....	87
BL01DIS27.....	287	BL03DOS40.....	286	CONNECTOR 6X12.....	303	DL284WHNWEM.....	101	DLT35660WWEM.....	87
BL01DIS30.....	287	BL03DSB27.....	286	CONNECTOR 6X12 5M.....	303	DL284WHWWDIM.....	101	DLT388BS55302.....	83
BL01DIS40.....	287	BL03DSB30.....	286	CONNECTOR L 6X12.....	303	DL284WHWWEM.....	101	DLT388BS55402.....	83
BL01DOB27.....	287	BL03DSB40.....	286	CONNECTOR T 6X12.....	303	DL291BSNW.....	104	DLT388MW55302.....	83
BL01DOB30.....	287	BL03DSS27.....	286	CONNECTOR X 6X12.....	303	DL291BSWW.....	104	DLT388MW55402.....	83
BL01DOB40.....	287	BL03DSS30.....	286	CR135 BL.....	375	DL291WHNW.....	104	DLT4074528.....	92
BL01DOS27.....	287	BL03DSS40.....	286	CR135 RED.....	375	DL291WHWW.....	104	DLT4074528EM.....	92
BL01DOS30.....	287	BL03FIB27.....	286	CR575RGBW.....	370	DL292BSNW.....	103	DLT4074530.....	92
BL01DOS40.....	287	BL03FIB30.....	286	CX7010.....	299	DL292BSWW.....	103	DLT4074530EM.....	92
BL01DSB27.....	287	BL03FIB40.....	286	CX7020.....	299	DL292WHNW.....	103	DLT4074540.....	92
BL01DSB30.....	287	BL03FIS27.....	286	CXECA.....	299	DL292WHWW.....	103	DLT4074540EM.....	92
BL01DSB40.....	287	BL03FIS30.....	286	CXECB.....	299	DL329RGBW.....	118	DLT4286500.....	89
BL01DSS27.....	287	BL03FIS40.....	286	CXECC.....	299	DL4094528.....	93	DLT4286500EM.....	89
BL01DSS30.....	287	BL03FOB27.....	286	CXECD.....	299	DL4094528EM.....	93	DLT4335530.....	88
BL01DSS40.....	287	BL03FOB30.....	286	DH02WH.....	126	DL4094530.....	93	DLT4335530EM.....	88
BL01FIB27.....	287	BL03FOB40.....	286	DH03WH.....	126	DL4094530EM.....	93	DLT4335540.....	88
BL01FIB30.....	287	BL03FOS27.....	286	DH04WH.....	126	DL4094540.....	93	DLT4335540EM.....	88
BL01FIB40.....	287	BL03FOS30.....	286	DH05WH.....	126	DL4094540EM.....	93	DLT4353830.....	95
BL01FIS27.....	287	BL03FOS40.....	286	DL/CONVERTBLK.....	105	DL801MW.....	153	DLT4353830EM.....	95
BL01FIS30.....	287	BL03FSB27.....	286	DL/CONVERTCR.....	105	DLT2425527.....	90	DLT4353840.....	95
BL01FIS40.....	287	BL01FSB30.....	286	DL/CONVERTSIL.....	105	DLT2425527EM.....	90	DLT4353840EM.....	95
BL01FOB27.....	287	BL03FSB40.....	286	DLCONVERT70BS.....	105	DLT2425528.....	91	DLT4357030.....	95
BL01FOB30.....	287	BL03FSS27.....	286	DLCONVERT70CR.....	105	DLT2425528EM.....	91	DLT4357030EM.....	95
BL01FOB40.....	287	BL03FSS30.....	286	DLCONVERT70MW.....	105	DLT2425530.....	90	DLT4357040.....	95
BL01FOS27.....	287	BL03FSS40.....	286	DLCONVERT70PG.....	105	DLT2425530EM.....	90	DLT4357040EM.....	95
BL01FOS30.....	287	BL03PIB27.....	286	DLCONVERT70WH.....	105	DLT2425540.....	90	DLT4365530.....	96
BL01FOS40.....	287	BL03PIB30.....	286	DLCONVERT98BS.....	105	DLT2425540EM.....	90	DLT4365530EM.....	96
BL01FSB27.....	287	BL03PIB40.....	286	DLCONVERT98CR.....	105	DLT283BSNWDIM.....	102	DLT4365540.....	96
BL01FSB30.....	287	BL03PIS27.....	286	DLCONVERT98WH.....	105	DLT283BSNWEM.....	102	DLT4365540EM.....	96
BL01FSB40.....	287	BL03PIS30.....	286	DL PENDANT F NW.....	116	DLT283BSWWDIM.....	102	DLT4414528.....	98
BL01FSS27.....	287	BL03PIS40.....	286	DL PENDANT F WW.....	116	DLT283BSWWEM.....	102	DLT4414528EM.....	98
BL01FSS30.....	287	BL03POB27.....	286	DL SURFACE F NW.....	115	DLT283CRNWDIM.....	102	DLT4414530.....	98
BL01FSS40.....	287	BL03POB30.....	286	DL SURFACE F WW.....	115	DLT283CRNWEM.....	102	DLT4414530EM.....	98
BL01PIB27.....	287	BL03POB40.....	286	DL120 27.....	120	DLT283CRWWDIM.....	102	DLT4414540.....	98
BL01PIB30.....	287	BL03POS27.....	286	DL120 NW.....	120	DLT283CRWWEM.....	102	DLT4414540EM.....	98
BL01PIB40.....	287	BL03POS30.....	286	DL120 WW.....	120	DLT283WHNWDIM.....	102	DLT4435527.....	97
BL01PIS27.....	287	BL03POS40.....	286	DL130 27.....	121	DLT283WHNWEM.....	102	DLT4435527EM.....	97
BL01PIS30.....	287	BL03PSB27.....	286	DL130 NW.....	121	DLT283WHWWDIM.....	102	DLT4435530.....	97
BL01PIS40.....	287	BL03PSB30.....	286	DL130 WW.....	121	DLT283WHWWEM.....	102	DLT4435530EM.....	97
BL01POB27.....	287	BL03PSB40.....	286	DL201FNW.....	114	DLT284BSNWDIM.....	101	DLT4435540.....	97
BL01POB30.....	287	BL03PSS27.....	286	DL201FWW.....	114	DLT284BSNWEM.....	101	DLT4435540EM.....	97
BL01POB40.....	287	BL03PSS30.....	286	DL201SNW.....	114	DLT284BSWWDIM.....	101	DLT4566000.....	86
BL01POS27.....	287	BL03PSS40.....	286	DL201SWW.....	114	DLT284BSWWEM.....	101	DLT469BS6030.....	84

DLT469BS6040.....	84	GL018 C AB WW.....	217	GL034A 27.....	230	GL090 S NW.....	188	LEDLINE 400 NW 25X6.....	264
DLT469MW6030.....	84	GL018 C AMBER.....	216	GL034A NW.....	230	GL090 S WW.....	188	LEDLINE 400 NW 45.....	268
DLT469MW6040.....	84	GL018 C BLUE.....	216	GL034A WW.....	230	GL09D24X27.....	182	LEDLINE 400 WW 110.....	260
DLT470BS6500.....	85	GL018 C GREEN.....	216	GL038A F 27.....	194	GL09D24X30.....	182	LEDLINE 400 WW 25X6.....	264
DLT470MW6500.....	85	GL018 C NW.....	216	GL038A F BL.....	194	GL09D24X40.....	182	LEDLINE 400 WW 45.....	268
DM012527.....	124	GL018 C RED.....	216	GL038A F NW.....	194	GL09D38X27.....	182	LED LYTE 1M EXT.....	149
DM012540.....	124	GL018 C WW.....	216	GL038A F WW.....	194	GL09D38X30.....	182	LED LYTE 6 WAY EXT.....	149
DM022430.....	125	GL018 SQ 27.....	218	GL040CARGB.....	191	GL09D38X40.....	182	LED LYTE 27.....	148
DM298FP.....	106	GL018 SQ BLUE.....	218	GL040DMBL27.....	192	GL09D60X27.....	182	LED LYTE AMBER.....	148
DM298GRID.....	106	GL018 SQ NW.....	218	GL040DMBL30.....	192	GL09D60X30.....	182	LED LYTE BLUE.....	148
DMX2102.....	369	GL018 SQ WW.....	218	GL040DMBL40.....	192	GL09D60X40.....	182	LED LYTE NW.....	148
DMX RS 485 CABLE.....	371	GL018 T BLUE.....	219	GL040DNBL27.....	192	GL100DX1X27.....	209	LED LYTE RED.....	148
EFC3P.....	107	GL018 T NW.....	219	GL040DNBL30.....	192	GL100DX1X30.....	209	LED LYTE WW.....	148
FIBRE LED 1/30.....	119	GL019DCOF27.....	198	GL040DNBL40.....	192	GL100DX1X40.....	209	LED LYTE IP 27.....	146
FIBRE LED 2/30.....	119	GL019DCOF30.....	198	GL040 F 27.....	190	GL100DX2127.....	209	LED LYTE IP AMBER.....	146
FIBRE LED LIGHT NW.....	117	GL019DCOF40.....	198	GL040 F NW.....	190	GL100DX2130.....	209	LED LYTE IP BLUE.....	146
FL01BXCS.....	330	GL019DMBL27.....	196	GL040 F WW.....	190	GL100DX2140.....	209	LED LYTE IP GREEN.....	146
FL01BPCS.....	330	GL019DMBL30.....	196	GL040 S 27.....	190	GL100DX2227.....	209	LED LYTE IP NW.....	146
FL02BXCS.....	331	GL019DMBL40.....	196	GL040 S NW.....	190	GL100DX2230.....	209	LED LYTE IP RED.....	146
FL02BPCS.....	331	GL019DNBL27.....	196	GL040 S WW.....	190	GL100DX2240.....	209	LED LYTE IP WW.....	146
FL03BXCS.....	332	GL019DNBL30.....	196	GL041 F NW.....	193	GL100DX3X27.....	210	LED LYTE IP T 27.....	147
FL03BPCS.....	332	GL019DNBL40.....	196	GL041 F WW.....	193	GL100DX3X30.....	210	LED LYTE IP T BL.....	147
FL05BXCS.....	333	GL019 F 27.....	195	GL041 S NW.....	193	GL100DX3X40.....	210	LED LYTE IP T NW.....	147
FL05BPCS.....	333	GL019 F AMBER.....	195	GL041 S WW.....	193	GL100DX4X27.....	210	LED LYTE SURFACE 27.....	145
FL10BXCS.....	334	GL019 F BLUE.....	195	GL050 27.....	213	GL100DX4X30.....	210	LED LYTE SURFACE NW.....	145
FL200F27.....	335	GL019 F GREEN.....	195	GL050 BLUE.....	213	GL100DX4X40.....	210	LED LYTE SURFACE WW.....	145
FL200FNW.....	335	GL019 F NW.....	195	GL050 NW.....	213	GL200DX1X27.....	211	LED RGB 0.75 CABLE.....	371
FL200FWW.....	335	GL019 F RED.....	195	GL050RGBW.....	214	GL200DX1X30.....	211	LEDRGBWEXT.....	370
GH220B.....	278	GL019 F WW.....	195	GL050 WW.....	213	GL200DX1X40.....	211	LEDSTRIP IP AMB.....	323
GH220S.....	278	GL019LGF27.....	197	GL051 27.....	215	GL200DX2127.....	211	LEDSTRIP IP BL.....	323
GL007 FROSTED NW.....	187	GL019LGFNW.....	197	GL051 BLUE.....	215	GL200DX2130.....	211	LEDSTRIP IP NW.....	323
GL007 FROSTED WW.....	187	GL019LGFWW.....	197	GL051 NW.....	215	GL200DX2140.....	211	LEDSTRIP IP RED.....	323
GL007RGBW.....	186	GL019LGS27.....	197	GL051 WW.....	215	GL200DX2227.....	211	LEDSTRIP IP WW.....	323
GL008RGBW.....	184	GL019LGSNW.....	197	GL063.....	207	GL200DX2230.....	211	LINE PROF END CAP.....	300
GL016DCOF27.....	206	GL019LGSWW.....	197	GL063 27.....	207	GL200DX2240.....	211	LINE PROF FIX CLIP.....	300
GL016DCOF30.....	206	GL019 S 27.....	195	GL064.....	208	GL200DX3X27.....	212	LINE PROFILE 20MM 1M.....	300
GL016DCOF40.....	206	GL019 S AMBER.....	195	GL064 27.....	208	GL200DX3X30.....	212	LL030CARGB.....	128
GL016 F 27.....	202	GL019 S BLUE.....	195	GL07D24X27.....	185	GL200DX3X40.....	212	LL090RGBW.....	127
GL016 F AB 27.....	204	GL019 S GREEN.....	195	GL07D24X30.....	185	GL200DX4X27.....	212	LSBFC10.....	302
GL016 F AB AMBER.....	204	GL019 S NW.....	195	GL07D24X40.....	185	GL200DX4X30.....	212	LSBFC8.....	302
GL016 F AB BLUE.....	204	GL019 S RED.....	195	GL07D38X27.....	185	GL200DX4X40.....	212	LSBFCD10.....	302
GL016 F AB GREEN.....	204	GL019 S WW.....	195	GL07D38X30.....	185	GS220B.....	278	LSBFCD8.....	302
GL016 F AB NW.....	204	GL019 SQ F BLUE.....	199	GL07D38X40.....	185	GS220D.....	278	LSBFCS10.....	302
GL016 F AB RED.....	204	GL019 SQ F NW.....	199	GL07D60X27.....	185	HAL 104.....	352	LSBFCS8.....	302
GL016 F AB WW.....	204	GL019 SQ F WW.....	199	GL07D60X30.....	185	IX 265.....	374	LSC0327XXX.....	319
GL016 F AMBER.....	202	GL019 SQ S BLUE.....	199	GL07D60X40.....	185	IX 365.....	374	LSC0330XXX.....	319
GL016 F BLUE.....	202	GL019 SQ S NW.....	199	GL08D24X27.....	183	JB1.....	374	LSC0340XXX.....	319
GL016 F GREEN.....	202	GL019 S T 27.....	200	GL08D24X30.....	183	JB2.....	374	LSC4327XXX.....	320
GL016 F NW.....	202	GL019 S T BLUE.....	200	GL08D24X40.....	183	JB3.....	374	LSC4330XXX.....	320
GL016 F RED.....	202	GL019 S T NW.....	200	GL08D38X27.....	183	JB4.....	375	LSC4340XXX.....	320
GL016 F WW.....	202	GL019 S T WW.....	200	GL08D38X30.....	183	JB5.....	375	LSC4527XXX.....	321
GL016RGBW.....	205	GL019 S TK 27.....	201	GL08D38X40.....	183	JB6.....	375	LSC4530XXX.....	321
GL016 SQ 27.....	203	GL019 S TK BLUE.....	201	GL08D60X27.....	183	JB7.....	375	LSC4540XXX.....	321
GL016 SQ BLUE.....	203	GL019 S TK NW.....	201	GL08D60X30.....	183	LED 3 RGB EXT.....	371	LSC8327XXX.....	322
GL016 SQ NW.....	203	GL021 27.....	228	GL08D60X40.....	183	LED COVE PACK 1M.....	301	LSC8330XXX.....	322
GL016 SQ WW.....	203	GL021 BLUE.....	228	GL090 F 27.....	188	LEDEM01.....	111	LSC8340XXX.....	322
GL018 C AB 27.....	217	GL021 NW.....	228	GL090 F BL.....	188	LEDEP06.....	109	LSC8EXT.....	303
GL018 C AB AMBER.....	217	GL021 WW.....	228	GL090 F NW.....	188	LEDEP07.....	110	LSC8PWL.....	303
GL018 C AB BLUE.....	217	GL022 27.....	229	GL090 F WW.....	188	LEDLINE 400 27 110.....	260	LSFC12.....	302
GL018 C AB GREEN.....	217	GL022 BLUE.....	229	GL090RGBW.....	189	LEDLINE 400 27 25X6.....	264	LSFCD12.....	302
GL018 C AB NW.....	217	GL022 NW.....	229	GL090 S 27.....	188	LEDLINE 400 27 45.....	268	LSR0527XXX.....	324
GL018 C AB RED.....	217	GL022 WW.....	229	GL090 S BL.....	188	LEDLINE 400 NW 110.....	260	LSR0530XXX.....	324

LSR0540XXX	324	MC020 S GREEN	133	PLD UNI-DRIVE 700MA	356	RDSMSIL2040	170	SL220BWM27	277
LSV0227050	304	MC020 S NW	133	PLR/350 1-5	354	RDSMSIL7030	170	SL220BWM30	277
LSV0230050	304	MC020 S RED	133	PLU/350 1-9	354	RDSMSIL7040	170	SL220BWM40	277
LSV0240050	304	MC020 S WW	133	PLU/700 3-9	356	RDSMWH2030	170	SL220CWBX27	276
LSV0265050	304	MC025 S 27	136	PLU/PP/350 1-9	354	RDSMWH2040	170	SL220CWBM27	277
LSV0427050	306	MC025 S NW	136	PLU/PP6/350 1-9	354	RDSMWH7030	170	SL220DWBX27	276
LSV0430050	306	MC040 27	248	PR3002	367	RDSMWH7040	170	SL220DWBX30	276
LSV0440050	306	MC040 NW	248	PR3011	366	RDSSBLK2030	172	SL220DWBX40	276
LSV0465050	306	MC040 WW	248	PROFILE 6X12 BLK 1M	300	RDSSBLK2040	172	SL220DWBW27	277
LSV0527050	305	MC050 27	249	PROFILE 6X12 SIL 1M	300	RDSSBLK5030	172	SL220DWBW30	277
LSV0530050	305	MC050 NW	249	PS10024	358	RDSSBLK5040	172	SL220DWBW40	277
LSV0540050	305	MC050 WW	249	PS1524	358	RDSSSIL2030	172	SL220ZWBX27	276
LSV0565050	305	MF02 IP 27	137	PS3024B	358	RDSSSIL2040	172	SL220ZWBX30	276
LSV0627050	307	MF02 IP AMBER	137	PS5024	358	RDSSSIL5030	172	SL220ZWBX40	276
LSV0630050	307	MF02 IP BLUE	137	PS7524	358	RDSSSIL5040	172	SL220ZWBW27	277
LSV0640050	307	MF02 IP GREEN	137	PSDAL20024	354	RDSSWH2030	172	SL220ZWBW30	277
LSV0665050	307	MF02 IP NW	137	PSDAL350M	354	RDSSWH2040	172	SL220ZWBW40	277
LSV4227050	308	MF02 IP RED	137	PSDAL700M	356	RDSSWH5030	172	SM28010	298
LSV4230050	308	MF02 IP WW	137	PSDAL900M	356	RDSSWH5040	172	SM28020	298
LSV4240050	308	ML01 27	142	PSDIM350	354	RHCL	167	SM28ECA	298
LSV4265050	308	ML01 AMBER	142	PSDIM700	356	RHCM	167	SM28MB	298
LSV4427050	310	ML01 BLUE	142	PSDIM900	356	RHCS	167	SM7010	298
LSV4430050	310	ML01 GREEN	142	PSDIN350M	354	RL1112027	122	SM7020	298
LSV4440050	310	ML01 NW	142	PSDIN700M	356	RL1112030	122	SM7ECA	298
LSV4465050	310	ML01 RED	142	PSDIP10024	358	RL1112040	122	SM7ECB	298
LSV4527050	309	ML01 WW	142	PSDIP6024	358	RL1114027	122	SM7LC	298
LSV4530050	309	ML02 27	143	PSIP15024	358	RL1114030	122	SM7MA	298
LSV4540050	309	ML02 AMBER	143	PSIP25024	358	RL1114040	122	SP4R1	162
LSV4565050	309	ML02 BLUE	143	PSMD3501324	354	RP28010	298	SP4R2	162
LSV4627050	311	ML02 GREEN	143	PSMD35039	354	RP28020	298	SP4R3	162
LSV4630050	311	ML02 NW	143	PSMD70024	356	RP7010	298	SP5027	316
LSV4640050	311	ML02 RED	143	PSMD700610	354	RP7020	298	SP5030	316
LSV4665050	311	ML02 WW	143	PSMDIP10024	358	RP7ECA	298	SP5040	316
LSV8227050	312	ML03 27	144	RB359BLK	94	RP7ECB	298	SP5427	317
LSV8230050	312	ML03 AMBER	144	RB359BS	94	SKB11R1	162	SP5430	317
LSV8240050	312	ML03 BLUE	144	RB359CR	94	SKB11R2	162	SP5435	317
LSV8265050	312	ML03 GREEN	144	RB359MW	94	SKB11R3	162	SP5440	317
LSV8427050	314	ML03 NW	144	RB359PG	94	SKB11T1	162	SP15427	318
LSV8430050	314	ML03 RED	144	RB359SIL	94	SKB11T2	162	SP15430	318
LSV8440050	314	ML03 WW	144	RB359WH	94	SKB11T3	162	SP15435	318
LSV8465050	314	MS02 IP 27	138	RB442BS	99	SKB121	162	SP15440	318
LSV8527050	313	MS02 IP AMBER	138	RB442CR	99	SKB122	162	SPBLK2M	301
LSV8530050	313	MS02 IP BLUE	138	RB442MW	99	SKB123	162	SPR62	162
LSV8540050	313	MS02 IP GREEN	138	RB442WH	99	SL030 F 27	280	SPR63	162
LSV8565050	313	MS02 IP NW	138	RC2819	364	SL030 F AMBER	280	SPSIL2M	301
LSV8627050	315	MS02 IP RED	138	RDSLBLK2030	168	SL030 F BLUE	280	SPW11	162
LSV8630050	315	MS02 IP WW	138	RDSLBLK2040	168	SL030 F GREEN	280	SPW12	162
LSV8640050	315	OCTOLED27	247	RDSLBLK7030	168	SL030 F NW	280	SPW13	162
LSV8665050	315	OCTOLEDNW	247	RDSLBLK7040	168	SL030 F RED	280	SQB360BLK	94
MC010 S 27	134	OCTOLEDWW	247	RDSLSIL2030	168	SL030 F WW	280	SQB360CR	94
MC010 S AMBER	134	PDC/GRID DIMMER	374	RDSLSIL2040	168	SL040A F 27	279	SQB360MW	94
MC010 S BLUE	134	PDCINT1-10V	352	RDSLSIL7030	168	SL040A F NW	279	SQB360PG	94
MC010 S GREEN	134	PL/IP/350 1-9	356	RDSLSIL7040	168	SL040A F WW	279	SQB360SIL	94
MC010 S NW	134	PL/IP/350 3-12	356	RDSLWH2030	168	SL040A S 27	279	SQSLBLK2030	169
MC010 S RED	134	PL/IP/700 1-3	356	RDSLWH2040	168	SL040A S NW	279	SQSLBLK2040	169
MC010 S WW	134	PL/IP/700 3-9	356	RDSLWH7030	168	SL040A S WW	279	SQSLBLK7030	169
MC015 S 27	135	PLDCC/350/10-28	354	RDSLWH7040	168	SL13027	281	SQSLBLK7040	169
MC015 S NW	135	PLDCC/700/12-24	356	RDSMBLK2030	170	SL13030	281	SQSLSIL2030	169
MC015 S WW	135	PLDM/700 3	354	RDSMBLK2040	170	SL13040	281	SQSLSIL2040	169
MC020 S 27	133	PLDM35020	354	RDSMBLK7030	170	SL220BWBX27	276	SQSLSIL7030	169
MC020 S AMBER	133	PLDM70011	356	RDSMBLK7040	170	SL220BWBX30	276	SQSLSIL7040	169
MC020 S BLUE	133	PLD UNI-DRIVE 350MA	354	RDSMSIL2030	170	SL220BWBX40	276	SQSLWH2030	169

SQSLWH2040.....	169	TSWH5030.....	166	WL070A 27.....	234	WL92BG.....	339	XTSF41002.....	162
SQSLWH7030.....	169	TSWH5040.....	166	WL070A NW.....	234	WL92BR.....	339	XTSF41003.....	162
SQSLWH7040.....	169	TUBE/33.....	220	WL070A WW.....	234	WL9212CCS.....	340	XTSF42001.....	162
SQSMBLK2030.....	171	TUBE/332.....	220	WL070RGBW.....	237	WL9212ECS.....	340	XTSF42002.....	162
SQSMBLK2040.....	171	TUBE/50.....	220	WL075A 27.....	240	WL9212MCS.....	340	XTSF42003.....	162
SQSMBLK7030.....	171	TUBE/68.....	220	WL075A NW.....	240	WL9212SCS.....	340	XTSV12.....	163
SQSMBLK7040.....	171	UL010 27.....	256	WL075A WW.....	240	WL9219CCS.....	341		
SQSMSIL2030.....	171	UL010 BL.....	256	WL075CARGB.....	242	WL9219ECS.....	341		
SQSMSIL2040.....	171	UL010 NW.....	256	WL140A F 27.....	245	WL9219MCS.....	341		
SQSMSIL7030.....	171	UL010RGBW.....	257	WL140A F NW.....	245	WL9219SCS.....	341		
SQSMSIL7040.....	171	UL010 WW.....	256	WL140A F WW.....	245	XTS111.....	163		
SQSMWH2030.....	171	UL030 27.....	254	WL160 27.....	239	XTS112.....	163		
SQSMWH2040.....	171	UL030 BL.....	254	WL160 NW.....	239	XTS113.....	163		
SQSMWH7030.....	171	UL030 NW.....	254	WL160 WW.....	239	XTS141.....	163		
SQSMWH7040.....	171	UL030RGBW.....	255	WL170A 27.....	235	XTS142.....	163		
SQSSBLK2030.....	173	UL030 WW.....	254	WL170A NW.....	235	XTS143.....	163		
SQSSBLK2040.....	173	UL345CARGB.....	262	WL170A WW.....	235	XTS211.....	163		
SQSSBLK5030.....	173	UL346CARGB.....	266	WL175A 27.....	241	XTS212.....	163		
SQSSBLK5040.....	173	UL347CARGB.....	270	WL175A NW.....	241	XTS213.....	163		
SQSSSIL2030.....	173	ULBRACKET.....	272	WL175A WW.....	241	XTS231.....	163		
SQSSSIL2040.....	173	ULM345M27.....	261	WL220BWB27.....	244	XTS232.....	163		
SQSSSIL5030.....	173	ULM345M30.....	261	WL220BWB30.....	244	XTS233.....	163		
SQSSSIL5040.....	173	ULM345M40.....	261	WL220BWB40.....	244	XTS241.....	163		
SQSSWH2030.....	173	ULM346M27.....	265	WL220DWB27.....	244	XTS242.....	163		
SQSSWH2040.....	173	ULM346M30.....	265	WL220DWB30.....	244	XTS243.....	163		
SQSSWH5030.....	173	ULM346M40.....	265	WL220DWB40.....	244	XTS341.....	163		
SQSSWH5040.....	173	ULM347M27.....	269	WL220CWB27.....	244	XTS342.....	163		
TLBLK2030.....	164	ULM347M30.....	269	WL220ZWB27.....	244	XTS343.....	163		
TLBLK2040.....	164	ULM347M40.....	269	WL220ZWB30.....	244	XTS351.....	163		
TLBLK7030.....	164	ULS345M27.....	263	WL220ZWB40.....	244	XTS352.....	163		
TLBLK7040.....	164	ULS345M30.....	263	WL240A F 27.....	246	XTS353.....	163		
TLSIL2030.....	164	ULS345M40.....	263	WL240A F NW.....	246	XTS361.....	163		
TLSIL2040.....	164	ULS346M27.....	267	WL240A F WW.....	246	XTS362.....	163		
TLSIL7030.....	164	ULS346M30.....	267	WL261F27.....	250	XTS363.....	163		
TLSIL7040.....	164	ULS346M40.....	267	WL261FNW.....	250	XTS371.....	163		
TLWH2030.....	164	ULS347M27.....	271	WL261FWW.....	250	XTS372.....	163		
TLWH2040.....	164	ULS347M30.....	271	WL261S27.....	250	XTS373.....	163		
TLWH7030.....	164	ULS347M40.....	271	WL261SNW.....	250	XTS381.....	163		
TLWH7040.....	164	U PROFILE 6X12 1M.....	300	WL261SWW.....	250	XTS382.....	163		
TMBLK2030.....	165	UY2 CONNECTOR.....	374	WL262F27.....	251	XTS383.....	163		
TMBLK2040.....	165	WB/M 01.....	139	WL262FNW.....	251	XTS391.....	163		
TMBLK7030.....	165	WB/M 02/30 DEGREE.....	139	WL262FWW.....	251	XTS392.....	163		
TMBLK7040.....	165	WB/M 02.....	139	WL262S27.....	251	XTS393.....	163		
TMSIL2030.....	165	WB/M BOX.....	139	WL262SNW.....	251	XTS401.....	163		
TMSIL2040.....	165	WC2820BLK.....	364	WL262SWW.....	251	XTS402.....	163		
TMSIL7030.....	165	WC2820WH.....	364	WL33927.....	224	XTS403.....	163		
TMSIL7040.....	165	WC 5-9.....	374	WL339NW.....	224	XTS41001.....	162		
TMWH2030.....	165	WCR 275 BLACK.....	375	WL339WW.....	224	XTS41002.....	162		
TMWH2040.....	165	WCR 375 BLACK.....	375	WL34027.....	225	XTS41003.....	162		
TMWH7030.....	165	WL041 IP 27.....	243	WL340NW.....	225	XTS411.....	163		
TMWH7040.....	165	WL041 IP AMBER.....	243	WL340WW.....	225	XTS412.....	163		
TR2818.....	365	WL041 IP BLUE.....	243	WL34127.....	226	XTS413.....	163		
TSBLK2030.....	166	WL041 IP NW.....	243	WL341NW.....	226	XTS42001.....	162		
TSBLK2040.....	166	WL041 IP WW.....	243	WL341WW.....	226	XTS42002.....	162		
TSBLK5030.....	166	WL050 27.....	140	WL34227.....	227	XTS42003.....	162		
TSBLK5040.....	166	WL050 BLUE.....	140	WL342NW.....	227	XTSF101.....	163		
TSSIL2030.....	166	WL050 NW.....	140	WL342WW.....	227	XTSF102.....	163		
TSSIL2040.....	166	WL050 WW.....	140	WL370A 27.....	236	XTSF103.....	163		
TSSIL5030.....	166	WL050 WALL BOX.....	141	WL370A NW.....	236	XTSF301.....	163		
TSSIL5040.....	166	WL060 27.....	238	WL370A WW.....	236	XTSF302.....	163		
TSWH2030.....	166	WL060 NW.....	238	WL80GX0X30.....	132	XTSF303.....	163		
TSWH2040.....	166	WL060 WW.....	238	WL92BE.....	339	XTSF41001.....	162		







**COLLINGWOOD LIGHTING LIMITED TERMS AND CONDITIONS OF TRADING**

**1. INTERPRETATION**

- 1.1 In these Conditions the following words have the following meanings:  
"Buyer" the person(s), firm or company from whom an order to supply Goods is received by the Company;  
"Buyer Materials" any documents or other materials and any data or other information provided by the Buyer relating to the Goods;  
"Company" Collingwood Lighting Limited, a company incorporated in England and Wales [company number 900626] whose registered office is at Brooklands House, Sywell Aerodrome, Sywell, Northampton, NN6 0BT.  
"Company Materials" any documents or other materials, and any data or other information provided by the Company relating to the Goods;  
"Conditions" the standard terms and conditions of sale as set out in this document together with any special terms and conditions agreed in writing between the Buyer and the Company.  
"Contract" any contract between the Company and the Buyer for the sale of Goods;  
"Delivery Point" the place where delivery of the Goods is to take place under Condition 4.1;  
"Goods" any goods (or parts thereof) to be supplied to the Buyer by the Company.
- 1.2 In these Conditions, references to any statute or statutory provision shall, unless the context otherwise requires, be construed as a reference to that statute or statutory provision as from time to time amended, consolidated, modified, extended, re-enacted or replaced; references to the masculine include the feminine and the neuter and to the singular include the plural and vice versa as the context requires; and headings will not affect the construction of these Conditions.

**2. APPLICATION OF TERMS**

- 2.1 These Conditions apply to all the Company's sales of Goods and any variation to these Conditions and any representations about the Goods shall have no effect unless expressly agreed in writing and signed by a director of the Company.
- 2.2 No terms or conditions endorsed upon, delivered with or contained in the Buyer's purchase order, confirmation of order or other document will form part of the Contract simply as a result of such document being referred to in the Contract.
- 2.3 Each order for Goods by the Buyer from the Company shall be deemed to be an offer by the Buyer to purchase Goods subject to these Conditions.
- 2.4 Orders should be in writing, and should state the Buyer's relevant order number. Verbal orders will be accepted but the Buyer will be responsible for any errors of description or quantity or date of delivery in Goods supplied thereunder.
- 2.5 No order placed by the Buyer shall be deemed to be accepted by the Company until the Company issues a written acknowledgement or (if earlier) the Company delivers the Goods to the Buyer.
- 2.6 The Buyer must ensure that the terms of any order or related document are complete and accurate.
- 2.7 Unless otherwise stated any quotation is valid for a period of 30 days only from its date, provided that the Company has not previously withdrawn it.
- 2.8 A credit limit applies to every account and will be disclosed on request or will be automatically disclosed if the Buyer's order would cause the credit limit to be exceeded.

**3. DESCRIPTION**

- 3.1 The description of the Goods shall be as set out in the Company's price list.
- 3.2 All descriptive matter and advertising issued by the Company and any descriptions or illustrations contained in the Company's documentation are issued or published for the sole purpose of giving an approximate idea of the Goods described in them. They will not form part of this Contract.
- 3.3 The Buyer should always ensure that the Goods ordered are suitable for the intended purpose before commencing installation, bulk production or investment in tooling.

**4. DELIVERY**

- 4.1 Unless otherwise agreed in writing by the Company delivery of the Goods shall take place at the address detailed in the Buyer's order.
- 4.2 Any dates specified by the Company for delivery of the Goods are intended to be an estimate and time for delivery shall not be made of the essence by notice.
- 4.3 Subject to the other provisions of these Conditions the Company will not be liable for any loss (including loss of profit), costs, damages, charges or expenses caused directly or indirectly by any delay in the delivery of the Goods (even if caused by the Company's negligence), nor will any delay entitle the Buyer to terminate the Contract.
- 4.4 If for any reason the Buyer will not accept delivery of any of the Goods, or the Company is unable to deliver the Goods on time because the Buyer has not provided appropriate instructions, documents, licences or authorisations; risk in the Goods will pass to the Buyer (including loss or damage caused by negligence); the Goods will be deemed to have been delivered; and the Company may store the Goods until delivery whereupon the Buyer will be liable for all related costs and expenses (including without limitation storage and insurance).
- 4.5 The Buyer will provide at its expense at the Delivery Point adequate and appropriate equipment and manual labour for loading the Goods.
- 4.6 The Company may deliver the Goods by instalments and each instalment shall be treated as a separate Contract so that failure to deliver or defect in one or more instalment shall not entitle the Buyer to reject the other instalments.

**5. NON-DELIVERY**

- 5.1 The quantity of any consignment of Goods as recorded by the Company upon despatch from the Company's place of business shall be conclusive evidence of the quantity received by the Buyer.
- 5.2 The Company shall not be liable for any non-delivery of Goods (even if caused by the Company's negligence) unless written notice is given to the Company within 3 days of the date when the Goods would in the ordinary course of events have been received.
- 5.3 Any liability of the Company for non-delivery of the Goods shall be limited to replacing the Goods within a reasonable time or issuing a credit note at the pro rata Contract rate against any invoice raised for such Goods.

**6. RISK/TITLE**

- 6.1 The Goods are at the risk of the Buyer from the time of delivery.
- 6.2 Ownership of the Goods shall not pass to the Buyer until the Company has received in full (in cash or cleared funds) all sums due to it from the Buyer on any account.
- 6.3 Until ownership of the Goods has passed to the Buyer, the Buyer must: hold the Goods on a fiduciary basis as the Company's bailee; store the Goods (at no cost to the Company) separately from all other goods in such a way that they remain readily identifiable as the Company's property; not destroy, deface or obscure any identifying mark or packaging on or relating to the Goods; maintain the Goods in satisfactory condition insured on the Company's behalf for their full price against all risks to the reasonable satisfaction of the Company. (On request the Buyer shall produce the policy of insurance to the Company and hold the proceeds of the insurance referred to in on trust for the Company and not mix them with any other money, nor pay the proceeds into an overdrawn bank account.)
- 6.4 The Buyer may resell the Goods before ownership has passed to it on the following conditions:
- 6.4.1 any sale shall be effected in the ordinary course of the Buyer's business at full market value; and
- 6.4.2 any such sale shall be a sale of the Company's property on the Buyer's own behalf and the Buyer shall deal as principal when making such a sale.
- 6.5 If the Buyer resells any of the Goods on a retail basis it will be responsible for complying with all applicable laws and for the provision of proper labels and instructions as required by the Department of Trade and Industry and/or any other authority for the time being empowered to make any requirements as to the sale or installation of such Goods.
- 6.6 The Buyer's right to possession of the Goods shall terminate immediately if:
- 6.6.1 the Buyer has a bankruptcy order made against him or makes an arrangement or composition with his creditors, or otherwise takes the benefit of any relief for insolvent debtors, or (being a body corporate) convenes a meeting of creditors (whether formal or informal), or enters into liquidation except a solvent voluntary liquidation for the purpose of reconstruction or amalgamation, or has a receiver and/or manager, administrator or administrative receiver appointed of its undertaking or any part thereof, or a resolution is passed or a petition presented to any court for the winding up of the Buyer or for the granting of an administration order in respect of the Buyer, or any proceedings are commenced relating to the insolvency or possible insolvency of the Buyer; or
- 6.6.2 the Buyer suffers or allows any execution, whether legal or equitable, to be levied on his/its property or obtained against him/it, or fails to observe/perform any of his/its obligations under the Contract or any other contract between the Company and the Buyer, or is unable to pay its debts within the meaning of section 123 of the Insolvency Act 1986 or the Buyer ceases to trade; or
- 6.6.3 the Buyer encumbers or in any way charges any of the Goods.

- 6.7 The Company shall be entitled to recover payment for the Goods notwithstanding that ownership of any of the Goods has not passed from the Company.
- 6.8 The Buyer grants the Company, its agents and employees an irrevocable licence at any time to enter any premises where the Goods are or may be stored in order to inspect them, or, where the Buyer's right to possession has terminated, to recover them.

**7. PRICE**

- 7.1 Unless otherwise agreed by the Company in writing (and except in cases of obvious error) the price for the Goods shall be the price set out in the Company's price list as in force at the date of invoice.
- 7.2 Where the Company and the Buyer agree a discount in respect of the Company's price list any such discount will only apply where confirmed by the Company in writing and where payment is received from the Buyer in full within 14 days of it falling due.
- 7.3 If the Buyer is paying for Goods on a "pro-forma" basis (whether due to slow payment or otherwise) no discount to the price stated in the Company's price list will apply notwithstanding any prior arrangement to the contrary unless the discount is confirmed by a director of the Company in writing.
- 7.4 The Company reserves the right, by giving notice to the Buyer to increase the price of the Goods to reflect any increase in the cost to the Company which is due to any factor beyond the control of the Company, any change in delivery dates or quantities specified by the Buyer or any delay caused by the instructions of the Buyer or failure of the Buyer to provide adequate information or instructions.
- 7.5 The price for the Goods shall be exclusive of any value added tax which shall be paid at the rate and in the manner for the time being provided by law.
- 7.6 Carriage will be paid by the Company on Goods bought in accordance with its current conditions for delivery on the UK mainland. Further charges may apply where alternative delivery terms are agreed.
- 7.7 A handling charge of £5.50 will be added to orders with a Goods value of less than the current minimum order value stipulated by the Company's sales office from time to time.
- 7.8 Invoices credited as a result of Buyer error will attract a service charge of 15% if returned within 21 days. Between 22 days and 3 months a charge of 30% will apply.

**8. PAYMENT**

- 8.1 The price for Goods is due within 30 days of the end of the month in which it is invoiced unless specified differently on the invoice. Time for payment shall be of the essence.
- 8.2 No payment shall be deemed to have been received until the Company has received cleared funds.
- 8.3 All payments payable to the Company under the Contract shall become due immediately upon termination of this Contract despite any other provision.
- 8.4 The Buyer shall make all payments due under the Contract without any deduction whether by way of set-off, counterclaim, discount, abatement or otherwise unless the Buyer has a valid court order requiring an amount equal to such deduction to be paid by the Company to the Buyer.
- 8.5 If the Buyer fails to pay the Company any sum due pursuant to the Contract the Buyer will be liable to pay interest to the Company on such sum from the due date for payment at the annual rate of 5% above the base lending rate published from time to time by the Bank of England, accruing on a daily basis until payment is made, whether before or after any judgment.

**9. QUALITY**

- 9.1 The Company warrants that (subject to the other provisions of these Conditions) upon delivery, the Goods will be of satisfactory quality within the meaning of the Sale of Goods Act 1979.
- 9.2 The Company shall not be liable for a breach of the warranty in Condition 9.1 unless: the Buyer gives written notice of the defect to the Company, and (if the defect is as a result of damage in transit) to the carrier, within 14 days of delivery; and the Company is given a reasonable opportunity after receiving the notice of examining such Goods and the Buyer (if asked to do so by the Company) returns such Goods to the Company's place of business at the Buyer's expense for the examination to take place.
- 9.3 The Company shall not be liable for a breach of the warranty in Condition 9.1 if the Buyer makes any further use of such Goods after giving such notice; or the defect arises because the Buyer failed to follow the Company's oral or written instructions as to the storage, installation, commissioning, use or maintenance of the Goods or (if there are none) good trade practice; or the Buyer alters or repairs such Goods without the written consent of the Company.
- 9.4 Subject to Conditions 9.2 and 9.3, if any of the Goods do not conform with the warranty in Condition 9.1 the Company shall at its option repair or replace such Goods (or the defective part) or refund the price of such Goods at the pro rata Contract rate provided that, if the Company so requests, the Buyer shall, at the Buyer's expense, return the Goods or the part of such Goods which is defective to the Company.
- 9.5 If the Company complies with Condition 9.4 it shall have no further liability for a breach of the warranty in Condition 9.1 in respect of such Goods.
- 9.6 Where a defect is discovered the Buyer will inform the Company immediately notwithstanding the expiry of the warranty period in Condition 9.2.

**10. LIMITATION OF LIABILITY (The Buyer's attention is drawn to the provisions of this Condition)**

- 10.1 Subject to Condition 9, the following provisions of this Condition 10 set out the entire financial liability of the Company (including any liability for the acts or omissions of its employees, agents and sub-contractors) in respect of any breach of these Conditions and any representation, statement or tortious act or omission including negligence arising under or in connection with the Contract.
- 10.2 All terms implied by statute or common law (save for the conditions implied by section 12 of the Sale of Goods Act 1979) are, to the fullest extent permitted by law, excluded from the Contract.
- 10.3 Nothing in these Conditions excludes or limits the liability of the Company for death or personal injury caused by the Company's negligence or for fraudulent misrepresentation.
- 10.4 Subject to Conditions 10.2 and 10.3:
- 10.4.1 the Company's total liability in contract, tort (including negligence or breach of statutory duty), misrepresentation or otherwise, arising in connection with the performance or contemplated performance of this Contract shall be limited to the price paid by the Buyer; and
- 10.4.2 the Company shall not be liable to the Buyer for any indirect or consequential loss or damage (whether for loss of profit, loss of business, depletion of goodwill or otherwise), costs, expenses or other claims for consequential compensation (howsoever caused) which arise out of or in connection with the Goods.
- 10.5 The Buyer warrants that any installation of the Goods will be performed by properly trained staff and agrees that it shall be solely responsible for any use to which the Goods are put after delivery.

**11. INTELLECTUAL PROPERTY**

- 11.1 The property and any copyright or other intellectual property rights in any Buyer Materials shall belong to the Buyer and any Company Materials shall, unless otherwise agreed in writing between the Buyer and the Company, belong to the Company, subject only to a licence in favour of the Buyer to use the Company Materials for the purposes of receiving the Goods.

**12. FORCE MAJEURE**

- 12.1 The Company reserves the right to defer the date of delivery or to cancel the Contract or reduce the volume of the Goods ordered by the Buyer (without liability to the Buyer) if it is prevented from or delayed in the carrying on of its business due to circumstances beyond the reasonable control of the Company including, without limitation, acts of God, governmental actions, war or national emergency, riot, civil commotion, fire, explosion, flood, epidemic, lock-outs, strikes or other labour disputes (whether or not relating to either party's workforce), or restraints or delays affecting carriers or inability or delay in obtaining supplies of adequate or suitable materials.

**13. GENERAL**

- 13.1 Each right or remedy of the Company under the Contract is without prejudice to any other right or remedy of the Company whether under the Contract or not.
- 13.2 If any provision or part of a provision of the Contract is found by any court or other body of competent jurisdiction to be illegal, invalid, void, voidable, unenforceable or unreasonable it shall be deemed severable and the remaining provisions of the Contract and the remainder of such provision shall continue in full force and effect.
- 13.3 Failure or delay by the Company in enforcing or partially enforcing any provision of the Contract will not be construed as a waiver of any of its rights under the Contract. Any waiver by the Company of any breach of, or any default under, any provision of the Contract by the Buyer will not be deemed a waiver of any subsequent breach or default and will in no way affect the other terms of the Contract.
- 13.4 The parties to this Contract do not intend that any term of this Contract will be enforceable by virtue of the Contracts (Rights of Third Parties) Act 1999 by any person that is not a party to it.
- 13.5 The Buyer shall not be entitled to assign the Contract or any part of it without the prior written consent of the Company. The Company may assign the Contract or any part of it to any person, firm or company.
- 13.6 The formation, existence, construction, performance, validity and all aspects of the Contract shall be governed by English law and the parties submit to the exclusive jurisdiction of the English courts.

**Collingwood Lighting**

Brooklands House, Sywell Aerodrome  
Sywell Northampton, NN6 0BT

**t** +44 (0) 1604 495 151

**f** +44 (0) 1604 495 095

**e** [sales@collingwoodgroup.com](mailto:sales@collingwoodgroup.com)

**w** [collingwoodlighting.com](http://collingwoodlighting.com)

Published April 2019



Join Collingwood Lighting on social media



CAT UK ED25

