



18



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DOWN LIGHT
KIWI



022
K1X30



024
K1X55



034
KS2X55



034
KS3X55



026
K1X70



036
KS1X70



036
KS2X70



036
KS3X70

DOWN LIGHT
DOME



046
D100



048
D150



052
D200

DOWN LIGHT
V68/V90



064
V68



066
V68W



068
V90

DOWN LIGHT
START



090
SRA45



092
SRA68



094
SRA100



096
SRA125



098
SRA150



100
SSA45



108
SSA68



118
SSA100



120
SSA125



122
SSA150



132
SRF100



134
SRF125



136
SRF150



138
SSF100



140
SSF125



142
SSF150



152
SRW100



154
SRW125



156
SRW150



158
SSW100



160
SSW125



162
SSW150



168
ERF100



170
ESF100



104
Twin SSA45



105
Trip SSA45



106
Quadri SSA45



112
Twin SSA68

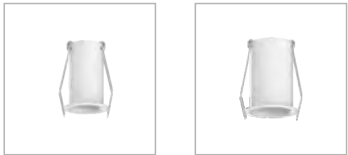


113
Trip SSA68



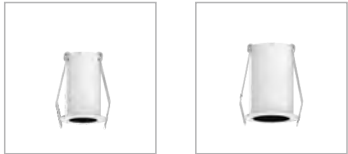
114
Quadri SSA68

DOWN LIGHT
DOT



172
DOT35-G

172
DOT45-G



180
DOT35-H

180
DOT45-H

DOWN LIGHT
LEDGO



186
LF2



188
LF3



190
LF5



192
LF10



194
LF3-LS1



196
LF6-LS2



198
LA5



200
LA10



202
LW5



204
LW10



190
LFT5



192
LFT10



194
LFT3-LS1



196
LFT6-LS2



202
LWT5



204
LWT10

DOWN LIGHT
MODULE



212
Evo50



214
Evo50 R20



216
Evo50 TW



218
K50



220
G50



222
G50 TW

DOWN LIGHT
MOUNTING RING



230
A1W



231
F4W



230
A5W



231
R1W



230
A6W



232
S6W



231
F6W



232
S5W



233
D1W



233
D2W



233
D3W



229
D4W



229
D5W



234
MX1



234
MX2



234
MX3

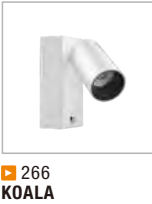
CEILING MOUNTED LIGHT



PENDANT LIGHT



WALL MOUNTED LIGHT



SPOTLIGHT



LINEAR SYSTEM
LINK50



OFFICE LIGHTING



DISPLAY LIGHTING



OUTDOOR LIGHT



▶ 394
EPO NANO



▶ 386
EPO MINI



▶ 398
EPO MINI S316



▶ 390
EPO MAXI



▶ 392
EPO MAXI S316



▶ 406
EOS NANO



▶ 408
EOS MINI



▶ 410
EOS MINI S316



▶ 412
EOS MAXI



▶ 414
EOS MAXI S316



▶ 418
FOCAL R



▶ 418
FOCAL S



▶ 424
SP9-CV



▶ 426
SP12-ZOOM-CV

OUTDOOR LIGHT
SOGO



▶ 428
IG3



▶ 430
IG1.5-S316-CV



▶ 432
IG3-CV



▶ 434
IG1.4-CV



▶ 436
IG6-ADJ-CV



▶ 438
IG9-S316-CV



▶ 440
IG2-0-S316-CV



▶ 442
DL1-S316-CV



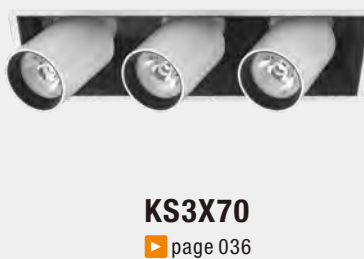
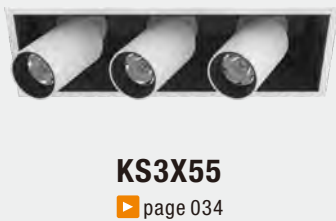
▶ 444
WL8-AV



▶ 446
WL4-AV

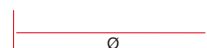
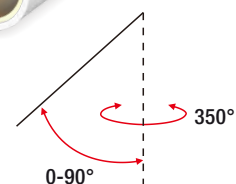


KIWI
LED Downlight



Recessed downlights





K1X30 Ø=30

K1X55 Ø=55

K1X70 Ø=70

Trimless Version Available



Ø55

KT1X55 80



Ø70

KT1X70 100

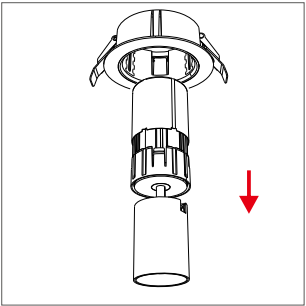
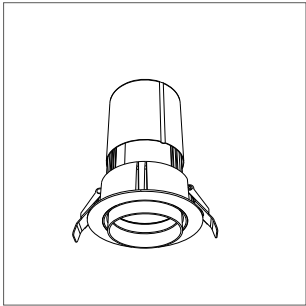
K1X30



K1X55

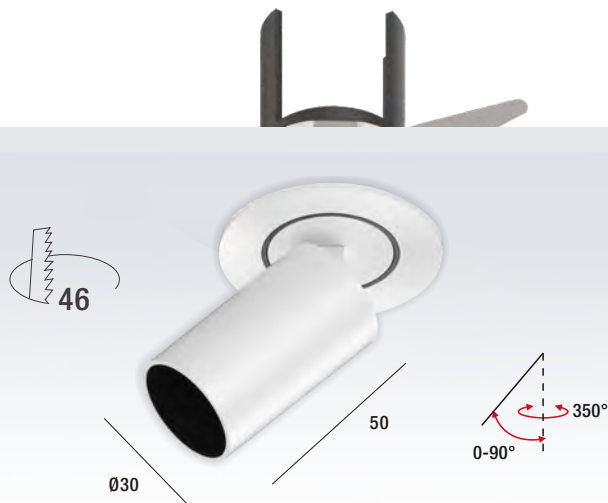


K1X70



LED engine can be removed separately

KIWI / K1X30
 LED Downlight
 Adjustable



Quickinfo

GENERAL
recessed
adjustable
LED
SMD LED module
2700K, 3000K, 4000K
CRI > 80, CRI > 90
Bining < 3-Step MacAdam

ESTIMATED LED LIFETIME

L80 / 50,000h

OPTICAL

direct illumination
beam angle 12°, 24°, 30°

PHYSICAL

aluminium
powder coating

Function

Miniature size with cutout of 46mm .
 Extensive collection features
 minimalism, functionality and versatility.
 Flexible for lighting schemes in retail or
 residential spaces.
 Recessed or surface mounted light
 applications to meet multiple lighting
 requirements.

350° rotatable and 90° tiltable.
 High quality optical lens with spot, narrow
 and medium beam angles.
 Interchangeable decoration ring with choice
 of black, white and gold colours.

Features



Delicate light engine
 High quality anti-glare ring

Order options

COLOUR TEMPERATURE
2700K
3000K
4000K
COLOUR RENDERING INDEX
CRI 80
CRI 90
ELECTRICAL
non DIM
phase DIM
1-10V
DALI

LENS

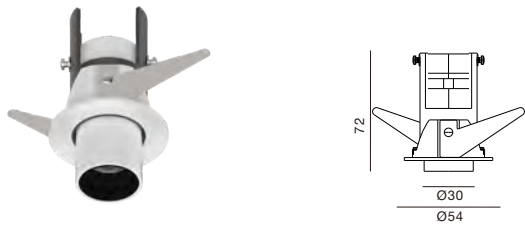


DECORATION RING



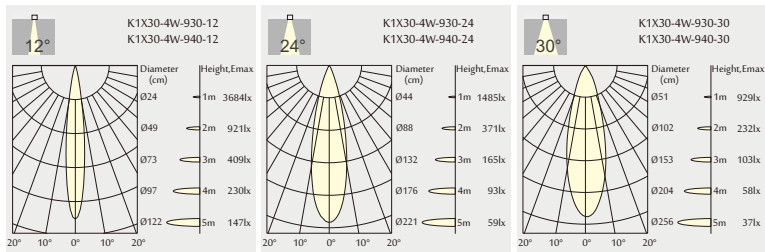
K1X30

3000K
 (Standard)



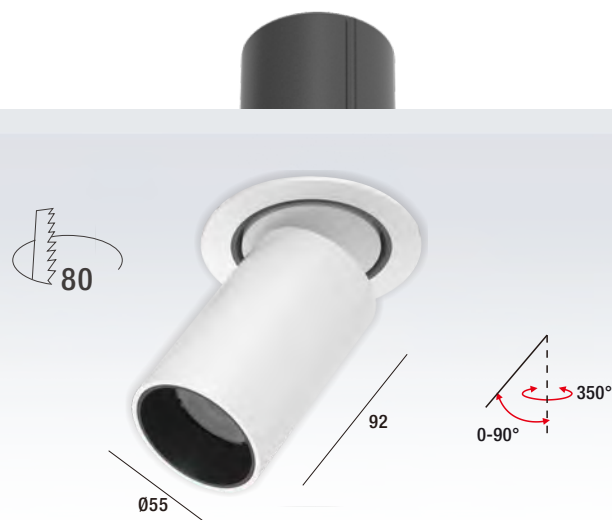
Light distribution for 3000K

4W 300 lm-350 lm



Order Information

K1X30-4W 300 Lm MODELS		(CREE LED)							
Code	LED output	Downlight output	LED Voltage	LED Current	LED Power	System Power	CRI	CCT	BEAM
K1X30-4W-930-12	400 lm	300 lm	12 V	350 mA	4 W	6 W	90	3000K	12°
K1X30-4W-940-12	450 lm	350 lm	12 V	350 mA	4 W	6 W	90	4000K	12°
K1X30-4W-930-24	400 lm	300 lm	12 V	350 mA	4 W	6 W	90	3000K	24°
K1X30-4W-940-24	450 lm	350 lm	12 V	350 mA	4 W	6 W	90	4000K	24°
K1X30-4W-930-30	400 lm	300 lm	12 V	350 mA	4 W	6 W	90	3000K	30°
K1X30-4W-940-30	450 lm	350 lm	12 V	350 mA	4 W	6 W	90	4000K	30°



Quickinfo

GENERAL
recessed
adjustable
LED
COB LED module
2700K, 3000K, 4000K
CRI > 80, CRI > 90
Bining < 3-Step MacAdam

ESTIMATED LED LIFETIME
L80 / 50,000h

OPTICAL
direct illumination
beam angle 18°, 24°, 36°

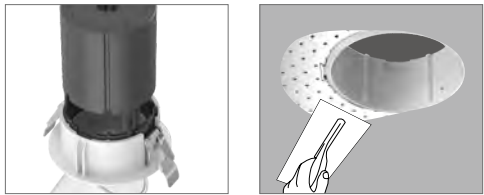
PHYSICAL
aluminium
powder coating

Function

Medium size with cutout of 80mm .
Extensive collection features
minimalism, functionality and versatility.
Flexible for lighting schemes in retail or
residential spaces.
Recessed or surface mounted light
applications to meet multiple lighting
requirements.

350° rotatable and 90° tiltable.
High quality optical lens with spot,
narrow and medium beam angles
Interchangeable decoration ring with
choice of black, white and gold colours.

Features



Reliable spring clip fixing mechanism
Skimmed into plaster-board ceiling (trimless)

Order options

COLOUR TEMPERATURE
2700K
3000K
4000K
COLOUR RENDERING INDEX
CRI 80
CRI 90
ELECTRICAL
non DIM
phase DIM
1-10V
DALI

LENS



TRIM



TRIMLESS

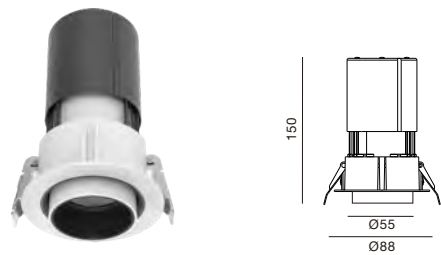


DECORATION RING



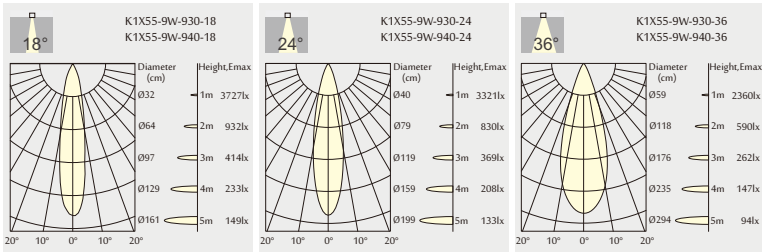
K1X55

3000K
(Standard)



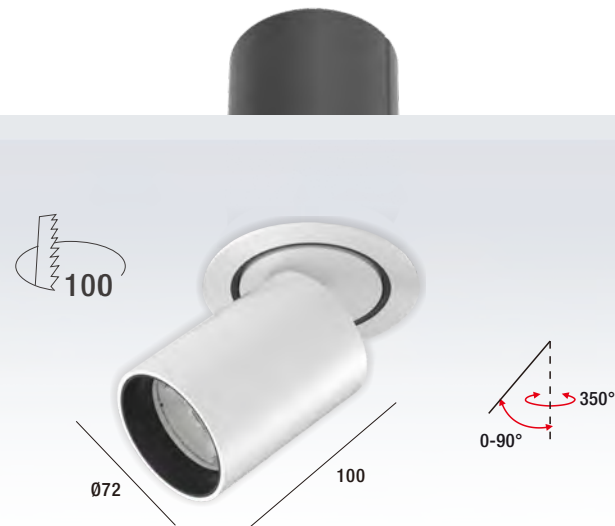
Light distribution for 3000K

9W 720 lm-800 lm



Order Information

K1X55-9W 720 Lm MODELS (CITIZEN LED)									
Code	LED output	Downlight output	LED Voltage	LED Current	LED Power	System Power	CRI	CCT	BEAM
K1X55-9W-930-18	950 lm	720 lm	36 V	260 mA	9 W	11 W	90	3000K	18°
K1X55-9W-940-18	1050 lm	800 lm	36 V	260 mA	9 W	11 W	90	4000K	18°
K1X55-9W-930-24	950 lm	720 lm	36 V	260 mA	9 W	11 W	90	3000K	24°
K1X55-9W-940-24	1050 lm	800 lm	36 V	260 mA	9 W	11 W	90	4000K	24°
K1X55-9W-930-36	950 lm	720 lm	36 V	260 mA	9 W	11 W	90	3000K	36°
K1X55-9W-940-36	1050 lm	800 lm	36 V	260 mA	9 W	11 W	90	4000K	36°



Quickinfo

GENERAL

recessed
adjustable

LED

COB LED module
2700K, 3000K, 4000K
CRI > 80, CRI > 90
Bining < 3-Step MacAdam

ESTIMATED LED LIFETIME

L80 / 50,000h

OPTICAL

direct illumination
beam angle 15°, 25°, 30°

PHYSICAL

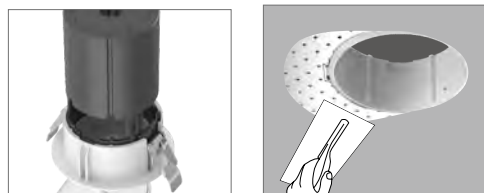
aluminium
powder coating

Function

Large size with cutout of 100mm.
Extensive collection features
minimalism, functionality and versatility.
Flexible for lighting schemes in retail or
residential spaces.
Recessed or surface mounted light.
applications to meet multiple lighting
requirements.

350° rotatable and 90° tiltable.
High quality optical lens with spot, narrow
and medium beam angles.
Interchangeable decoration ring with
choice of black, white and gold colours.

Features



Reliable spring clip fixing mechanism
Skimmed into plaster-board ceiling (trimless)

Order options

SYSTEM POWER

15W
21W

COLOUR TEMPERATURE

2700K
3000K
4000K

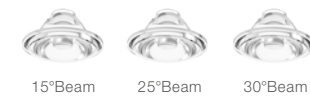
COLOUR RENDERING INDEX

CRI 80
CRI 90

ELECTRICAL

non DIM
phase DIM
1-10V
DALI

LENS



TRIM



Trim (Standard)

TRIMLESS



DECORATION RING



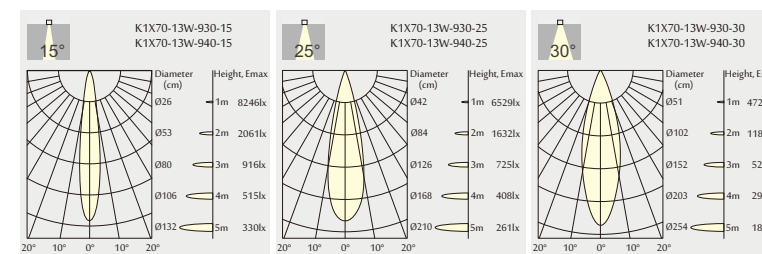
K1X70

3000K
(Standard)



Light distribution for 3000K

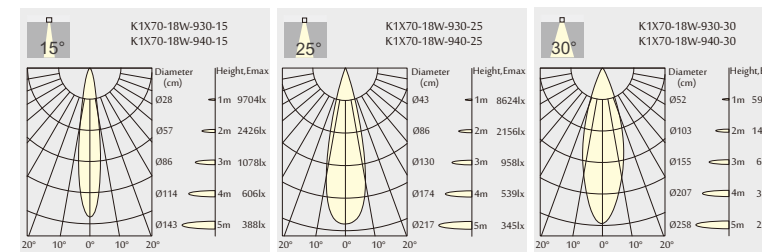
13W 1200 lm-1300 lm



Order Information

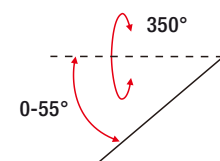
K1X70-13W 1200 Lm MODELS (CITIZEN LED)									
Code	LED output	Downlight output	LED Voltage	LED Current	LED Power	System Power	CRI	CCT	BEAM
K1X70-13W-930-15	1500 lm	1200 lm	36 V	350 mA	13 W	15 W	90	3000K	15°
K1X70-13W-940-15	1600 lm	1300 lm	36 V	350 mA	13 W	15 W	90	4000K	15°
K1X70-13W-930-25	1500 lm	1200 lm	36 V	350 mA	13 W	15 W	90	3000K	25°
K1X70-13W-940-25	1600 lm	1300 lm	36 V	350 mA	13 W	15 W	90	4000K	25°
K1X70-13W-930-30	1500 lm	1200 lm	36 V	350 mA	13 W	15 W	90	3000K	30°
K1X70-13W-940-30	1600 lm	1300 lm	36 V	350 mA	13 W	15 W	90	4000K	30°

18 W 1600lm-1700lm



Order Information

K1X70-18W 1600 Lm MODELS (CITIZEN LED)									
Code	LED output	Module output	CD	LED Power	System Power	CRI	CCT	BEAM	
K1X70-18W-930-15	2000 lm	1600 lm	9709cd	18 W	21 W	90	3000K	15°	
K1X70-18W-940-15	2100 lm	1700 lm	10616 cd	18 W	21 W	90	4000K	15°	
K1X70-18W-930-25	2000 lm	1600 lm	8624 cd	18 W	21 W	90	3000K	25°	
K1X70-18W-940-25	2100 lm	1700 lm	9494 cd	18 W	21 W	90	4000K	25°	
K1X70-18W-930-30	2000 lm	1600 lm	5939 cd	18 W	21 W	90	3000K	30°	
K1X70-18W-940-30	2100 lm	1700 lm	6837 cd	18 W	21 W	90	4000K	30°	



KS3X55 Ø55x3

KS3X70 Ø70x3



KS1X70 Ø70

KS2X55 Ø55x2

KS2X70 Ø70x2

Trimless Version Available

KST2X55



KST3X55



KST1X70



KST2X70



KST3X70





KS2X55



KS3X55



Black



White



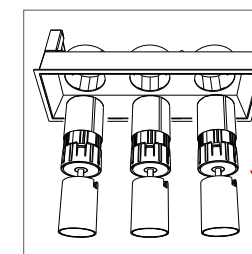
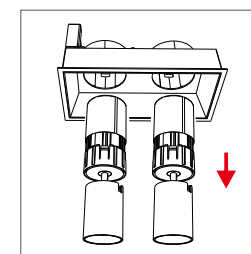
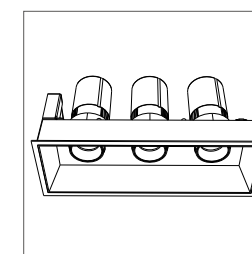
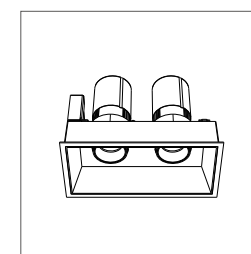
Gold



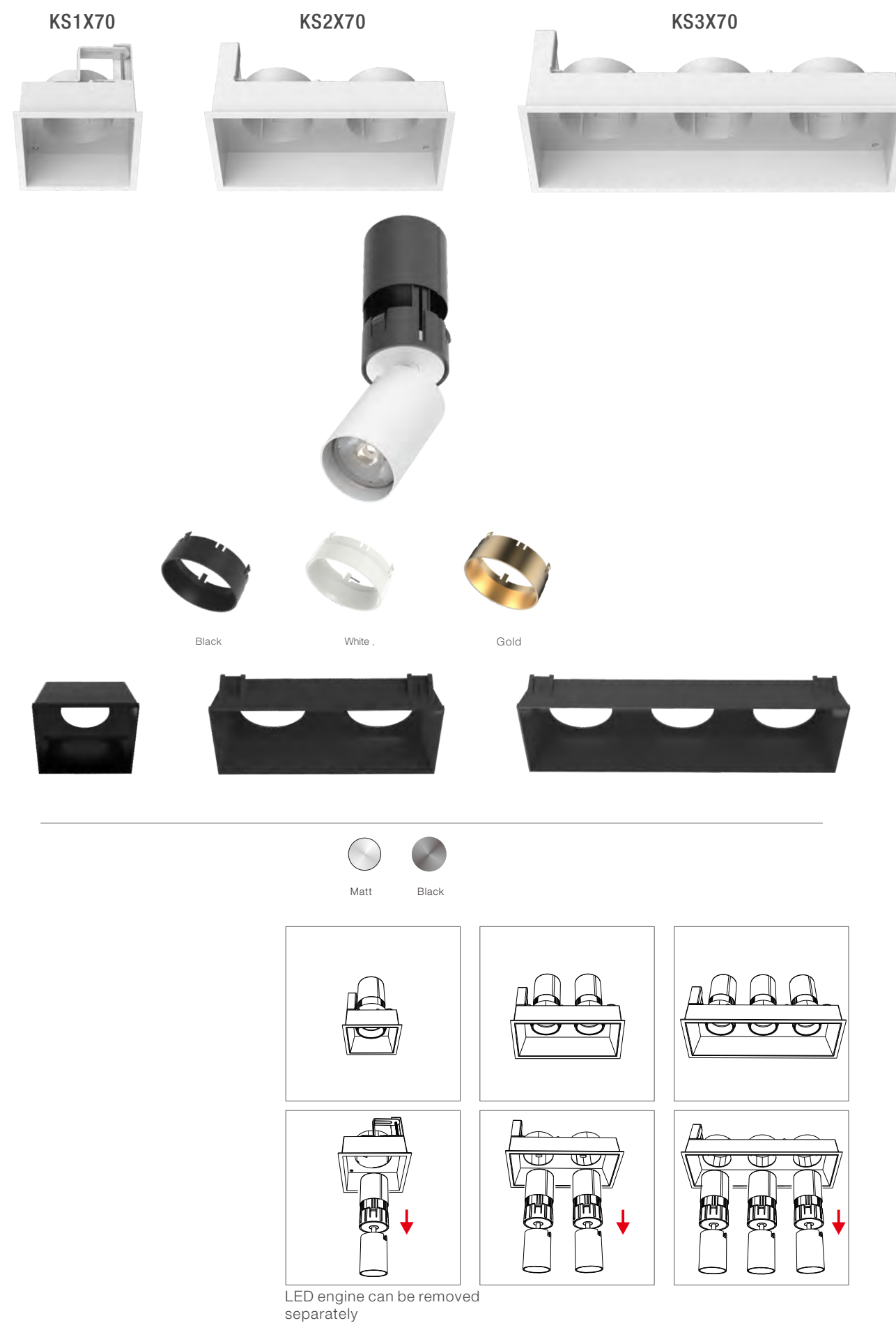
Matt



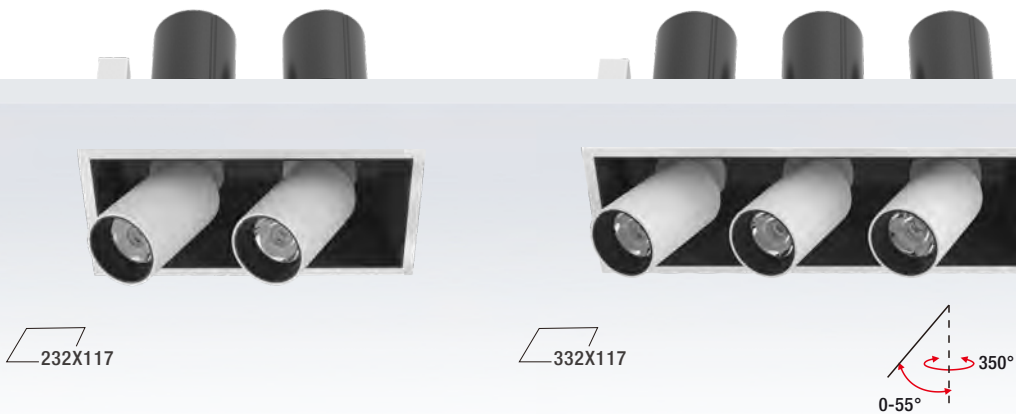
Black



LED engine can be removed
separately



KIWI / KS2X55 /KS3X55
 LED Downlight
 Adjustable



Quickinfo

GENERAL
 adjustable
 multi-head spotlight

LED
 COB LED module
 2700K,3000K, 4000K
 CRI > 80, CRI>90
 Bining < 3-Step MacAdam

ESTIMATED LED LIFETIME
 L80 / 50,000h

OPTICAL
 direct illumination
 beam angle 18°, 24°, 36°

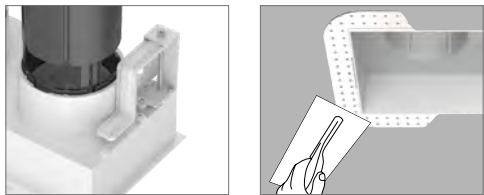
PHYSICAL
 aluminium
 powder coating

Function

Medium size combines aesthetics and function.
 Extensive collection features minimalism, functionality and versatility.
 Suitable for commercial, residential premises or professional facilities.
 Recessed, flush or drop light locations to be applicable for various lighting environments.
 350° rotatable and 55° tiltable.

350° rotatable and 55° tiltable.
 High quality optical lens with narrow, medium and wide beam angles
 Interchangeable decoration ring with choice of black, white and gold colours
 Optional colours of square baffles for architecture decorative purpose
 Single, double or triple compositions provide more design freedom

Features



Strong screws fixing design
 Skimmed into plaster-board ceiling (trimless)

Order options

SYSTEM POWER
 11W
 22W
 33W

ELECTRICAL
 non DIM
 phase DIM
 1-10V
 DALI

COLOUR TEMPERATURE
 2700K
 3000K
 4000K

COLOUR RENDERING INDEX
 CRI 80
 CRI 90

LENS

 18°Beam 24°Beam 36°Beam

DECORATION RING

 Black White Gold

BAFFLE TYPES

 Double Triple

BAFFLE COLORS

 Matt Black

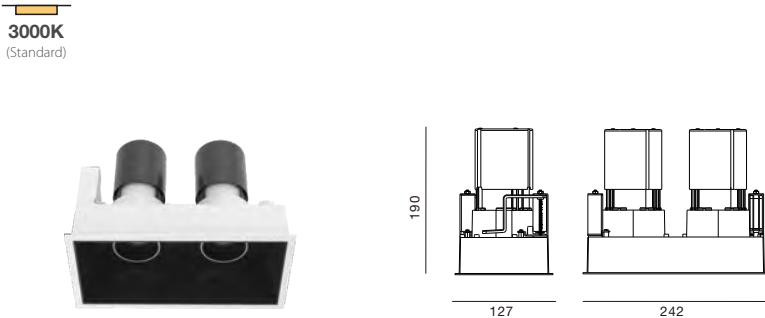
TRIM

 Trim (Standard)

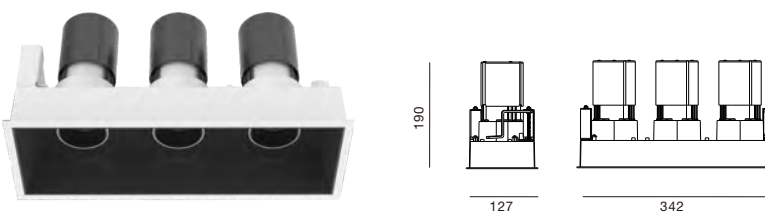
TRIMLESS

 American Version European Version

KS2X55

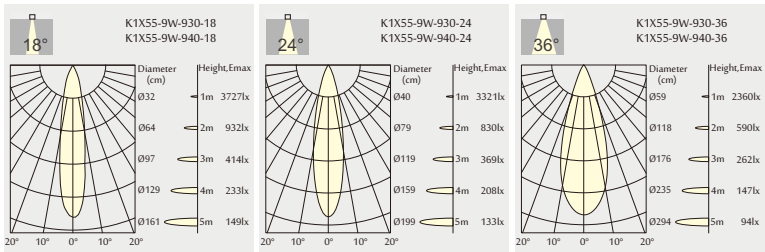


KS3X55



Light distribution for 3000K

9W 720 lm-800 lm



Order Information									
K1X55-9W 720 Lm MODELS					(CITIZEN LED)				
Code	LED output	Downlight output	LED Voltage	LED Current	LED Power	System Power	CRI	CCT	BEAM
K1X55-9W-930-18	950 lm	720 lm	36 V	260 mA	9 W	11 W	90	3000K	18°
K1X55-9W-940-18	1050 lm	800 lm	36 V	260 mA	9 W	11 W	90	4000K	18°
K1X55-9W-930-24	950 lm	720 lm	36 V	260 mA	9 W	11 W	90	3000K	24°
K1X55-9W-940-24	1050 lm	800 lm	36 V	260 mA	9 W	11 W	90	4000K	24°
K1X55-9W-930-36	950 lm	720 lm	36 V	260 mA	9 W	11 W	90	3000K	36°
K1X55-9W-940-36	1050 lm	800 lm	36 V	260 mA	9 W	11 W	90	4000K	36°

KIWI / KS1X70 / KS2X70 / KS3X70
 LED Downlight
 Adjustable



Quickinfo

GENERAL
adjustable
multi-head spotlight
LED
COB LED module
2700K, 3000K, 4000K
CRI > 80, CRI > 90
Bining < 3-Step MacAdam

ESTIMATED LED LIFETIME
L80 / 50,000h

OPTICAL
direct illumination
beam angle 15°, 25°, 30°

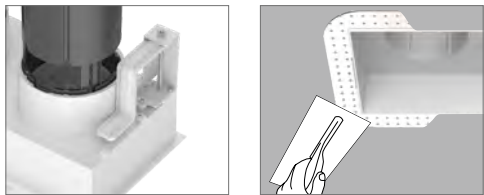
PHYSICAL
aluminium
powder coating

Function

Biggest and most powerful version. Extensive collection features minimalism, functionality and versatility. Suitable for commercial, residential premises or professional facilities. Recessed, flush or drop light locations to be applicable for various lighting environments. 350° rotatable and 55° tiltable.

High quality optical lens with narrow, spot and medium beam angles. Interchangeable decoration ring with choice of black, white and gold colours. Optional colours of square baffles for architecture decorative purpose. Single, double or triple compositions. provide more design freedom

Features



Strong screws fixing design
Skimmed into plaster-board ceiling (trimless)

Order options

SYSTEM POWER
15W
30W
45W
ELECTRICAL
non DIM
phase DIM
1-10V
DALI

COLOUR TEMPERATURE
2700K
3000K
4000K

COLOUR RENDERING INDEX
CRI 80
CRI 90

LENS
15° Beam
25° Beam
30° Beam

DECORATION RING
Black
White
Gold

BAFFLE TYPES
Single
Double
Triple

BAFFLE COLORS
Matt
Black

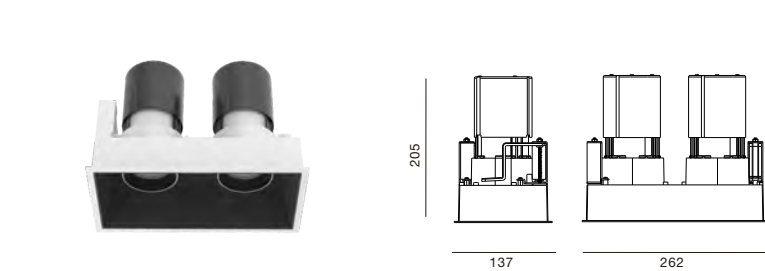
TRIM
Trim (Standard)

TRIMLESS
American Version
European Version

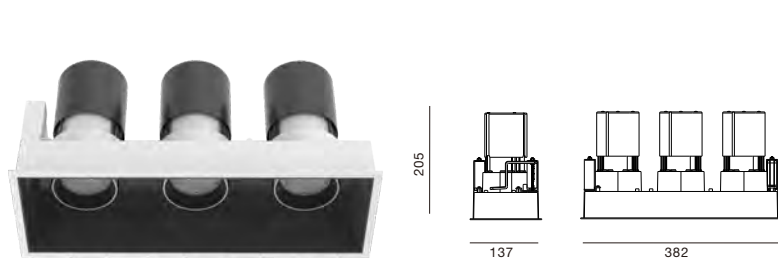
KS1X70



KS2X70

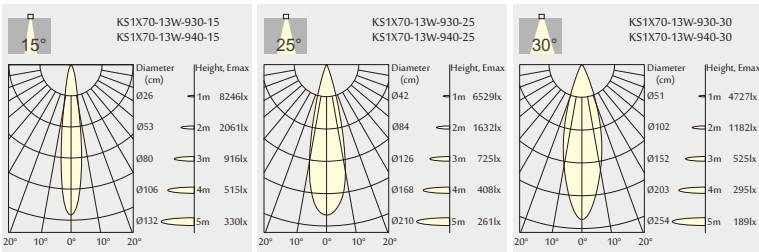


KS3X70



Light distribution for 3000K

13W 1200 lm-1300 lm



Order Information									
KS1X70-13W 1200 Lm MODELS (CITIZEN LED)									
Code	LED output	Downlight output	LED Voltage	LED Current	LED Power	System Power	CRI	CCT	BEAM
KS1X70-13W-930-15	1500 lm	1200 lm	36 V	350 mA	13 W	15 W	90	3000K	15°
KS1X70-13W-940-15	1600 lm	1300 lm	36 V	350 mA	13 W	15 W	90	4000K	15°
KS1X70-13W-930-25	1500 lm	1200 lm	36 V	350 mA	13 W	15 W	90	3000K	25°
KS1X70-13W-940-25	1600 lm	1300 lm	36 V	350 mA	13 W	15 W	90	4000K	25°
KS1X70-13W-930-30	1500 lm	1200 lm	36 V	350 mA	13 W	15 W	90	3000K	30°
KS1X70-13W-940-30	1600 lm	1300 lm	36 V	350 mA	13 W	15 W	90	4000K	30°

DOME Series
Super Comfort
LED Downlight



D100
page 046



D150
page 048

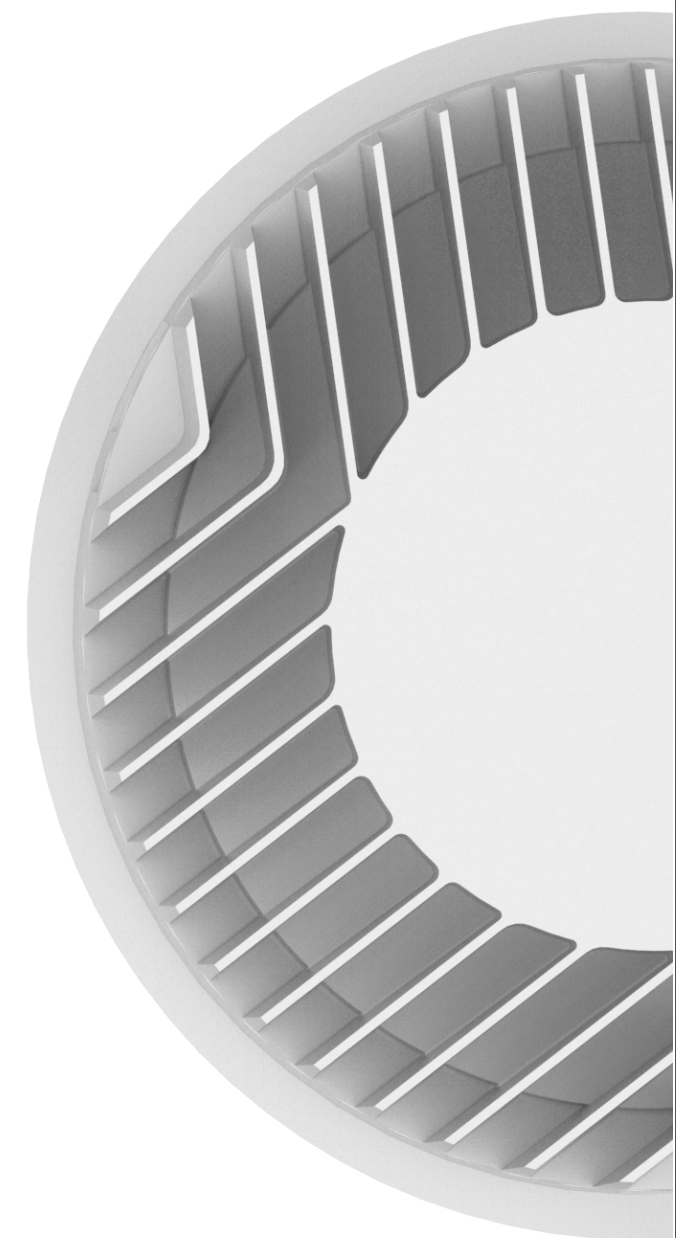


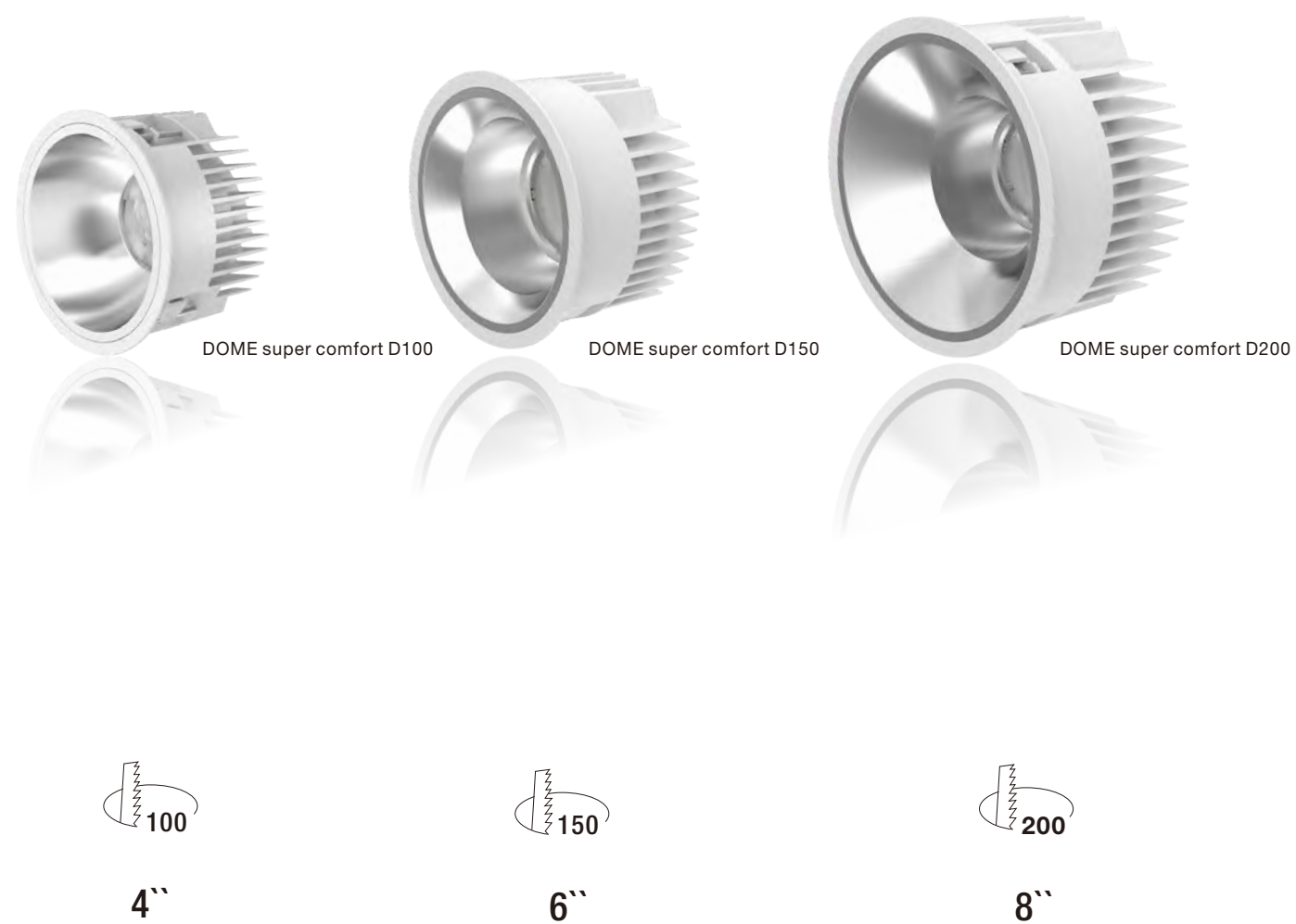
D200
page 052

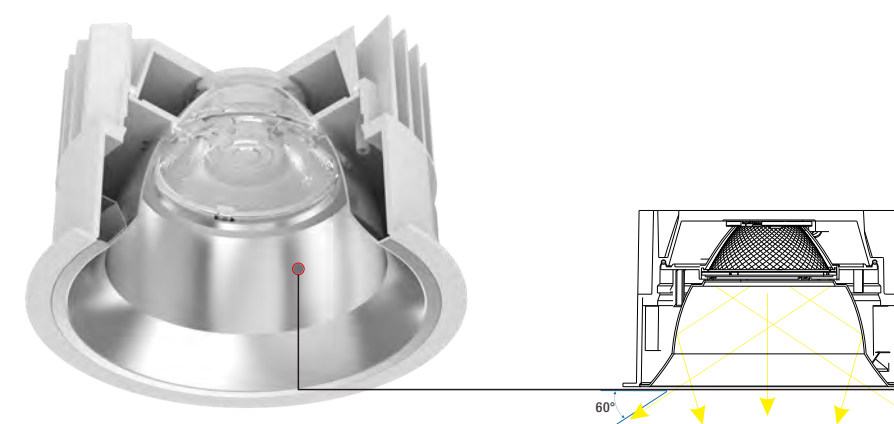
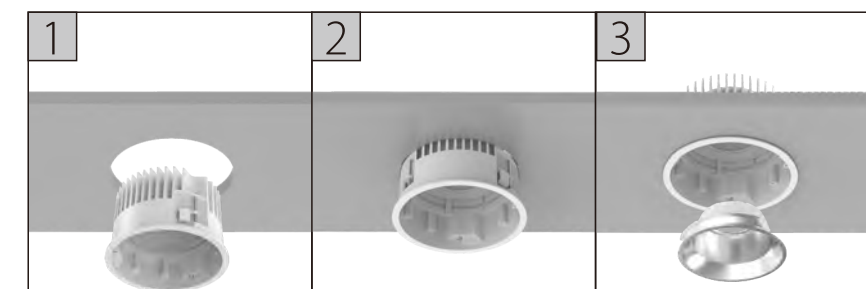
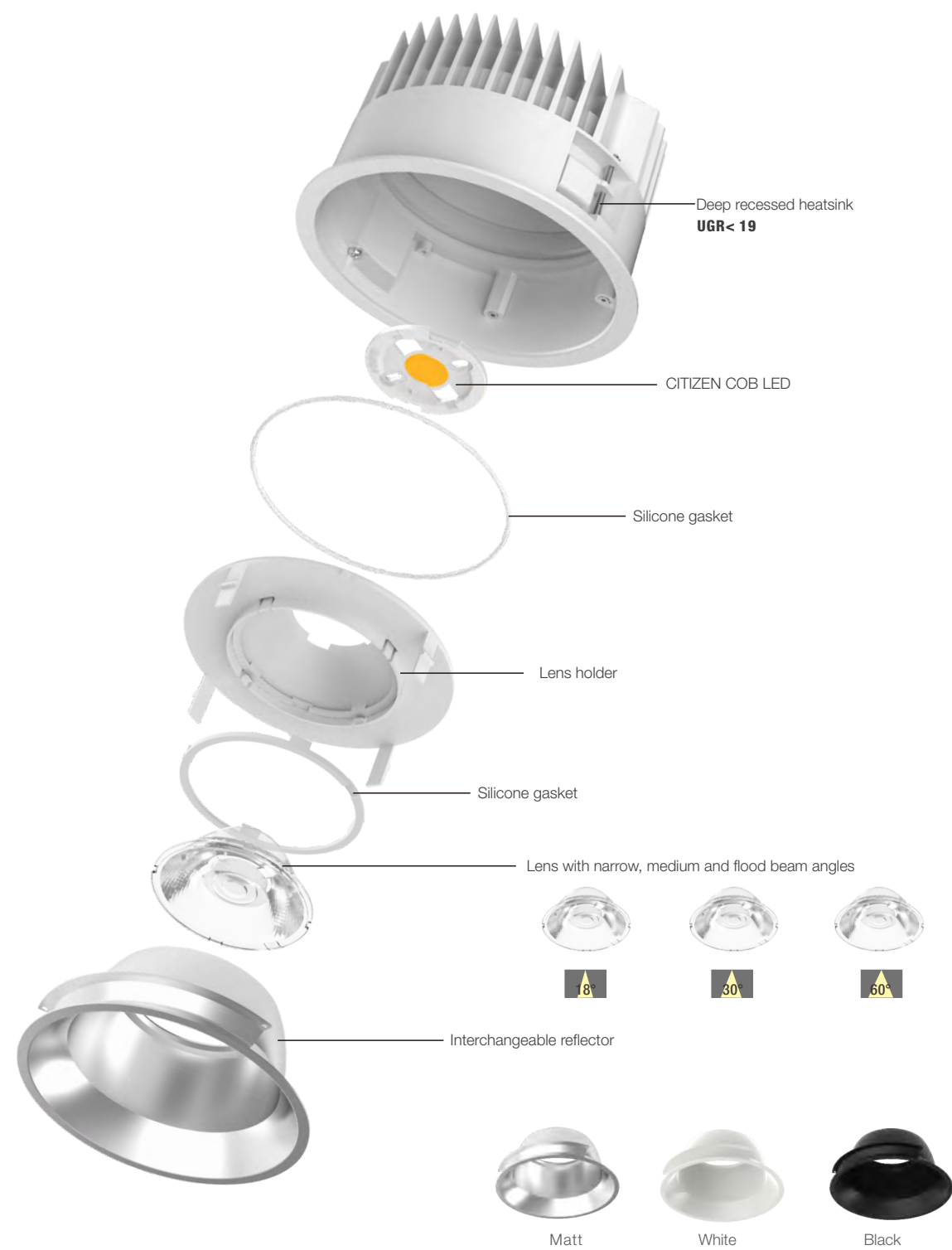


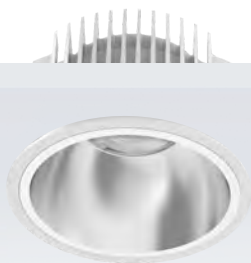


Deep recessed design achieves super eye comfort. Attractive appearance with efficiency and functionality. Passive management ensures durability. Optimal lens technologies with narrow, medium and flood beam angles guarantee light quality. Interchangeable reflectors of matt, white and black colours, provide maximum design freedom. Applicable to all typical downlight contexts.









Quickinfo

GENERAL

recessed
IP 54

LED

COB LED module
2700K,3000K,4000K
CRI>80,CRI>90
Bining < 3-Step MacAdam

ESTIMATED LED LIFETIME

L80 / 50,000h

OPTICAL

direct illumination
beam angle 30°, 50°

PHYSICAL

aluminium
powder coating

Function

Small size with cutout of 100mm. Integrated mechanicals of heatsink and mounting ring to reduce components. Deep recessed design achieves super eye comfort. Attractive appearance with efficiency and functionality. Passive management ensures durability.

Optimal lens technologies with medium and flood beam angles guarantee light quality. Interchangeable reflectors of matt, white and black colors provide maximum design freedom. Applicable to all typical downlight contexts.

Features



- Focus on every detail
- Low glare for optimal eye comfort

Order options

SYSTEM POWER

11W
15W

COLOUR TEMPERATURE

2700K
3000K
4000K

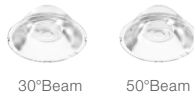
COLOUR RENDERING INDEX

CRI 80
CRI 90

ELECTRICAL

Non-Dim
Phase Dim
1-10V
DALI

LENS



REFLECTOR



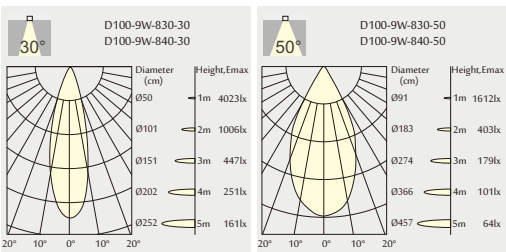
D100

3000K
(Standard)



Light distribution for 3000K

9W 1000 lm-1200 lm

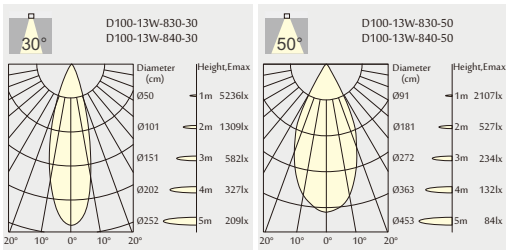


Order Information

D100-9W 1000-1200 Lm MODELS (CITIZEN LED)

Code	LED output	Module output	LED Voltage	LED Current	LED Power	System Power	CRI	CCT	BEAM
D100-9W-830-30	1300 lm	1100 lm	36 V	260 mA	9 W	11 W	83	3000K	30°
D100-9W-840-30	1400 lm	1200 lm	36 V	260 mA	9 W	11 W	83	4000K	30°
D100-9W-830-50	1300 lm	1000 lm	36 V	260 mA	9 W	11 W	83	3000K	50°
D100-9W-840-50	1400 lm	1100 lm	36 V	260 mA	9 W	11 W	83	4000K	50°

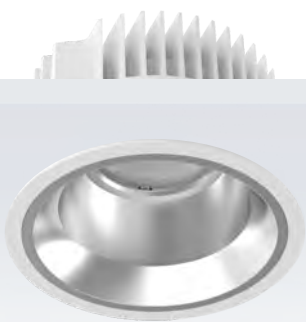
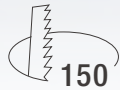
13W 1300 lm-1600 lm



Order Information

D100-13W 1300-1600 Lm MODELS (CITIZEN LED)

Code	LED output	Module output	LED Voltage	LED Current	LED Power	System Power	CRI	CCT	BEAM
D100-13W-830-30	1800 lm	1500 lm	36 V	350 mA	13 W	15 W	83	3000K	30°
D100-13W-840-30	1900 lm	1600 lm	36 V	350 mA	13 W	15 W	83	4000K	30°
D100-13W-830-50	1800 lm	1300 lm	36 V	350 mA	13 W	15 W	83	3000K	50°
D100-13W-840-50	1900 lm	1400 lm	36 V	350 mA	13 W	15 W	83	4000K	50°



Quickinfo

GENERAL

recessed
IP 54

LED

COB LED module
2700K, 3000K, 4000K
CRI > 80, CRI > 90
Bining < 3-Step MacAdam

ESTIMATED LED LIFETIME

L80 / 50,000h

OPTICAL

direct illumination
beam angle 30°, 60°

PHYSICAL

aluminium
powder coating
reflector plastic

Function

Medium size with cutout of 150mm. Integrated mechanicals of heatsink and mounting ring to reduce components. Deep recessed design achieves super eye comfort. Attractive appearance with efficiency and functionality. Passive management ensures durability.

Optimal lens technologies with medium and flood beam angles guarantee light quality. Interchangeable reflectors of matt, white and black colors provide maximum design freedom. Applicable to all typical downlight contexts.

Features



- Focus on every detail
- Low glare for optimal eye comfort

Order options

SYSTEM POWER

21W
28W

COLOUR TEMPERATURE

2700K
3000K
4000K

COLOUR RENDERING INDEX

CRI 80
CRI 90

ELECTRICAL

Non-Dim
Phase Dim
1-10V
DALI

LENS

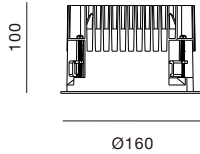


REFLECTOR



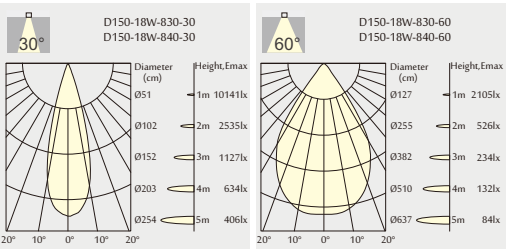
D150

3000K
(Standard)



Light distribution for 3000K

18W 2000 lm-2500 lm

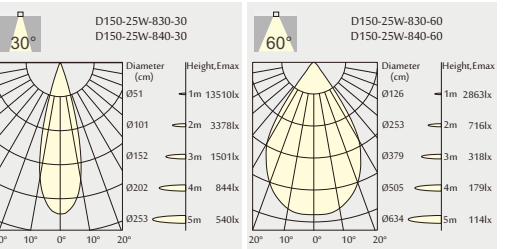


Order Information

D150-18W 2000-2500 Lm MODELS (CITIZEN LED)

Code	LED output	Module output	LED Voltage	LED Current	LED Power	System Power	CRI	CCT	BEAM
D150-18W-830-30	2800 lm	2300 lm	36 V	500 mA	18 W	21 W	83	3000K	30°
D150-18W-840-30	3000 lm	2500 lm	36 V	500 mA	18 W	21 W	83	4000K	30°
D150-18W-830-60	2800 lm	2000 lm	36 V	500 mA	18 W	21 W	83	3000K	60°
D150-18W-840-60	3000 lm	2200 lm	36 V	500 mA	18 W	21 W	83	4000K	60°

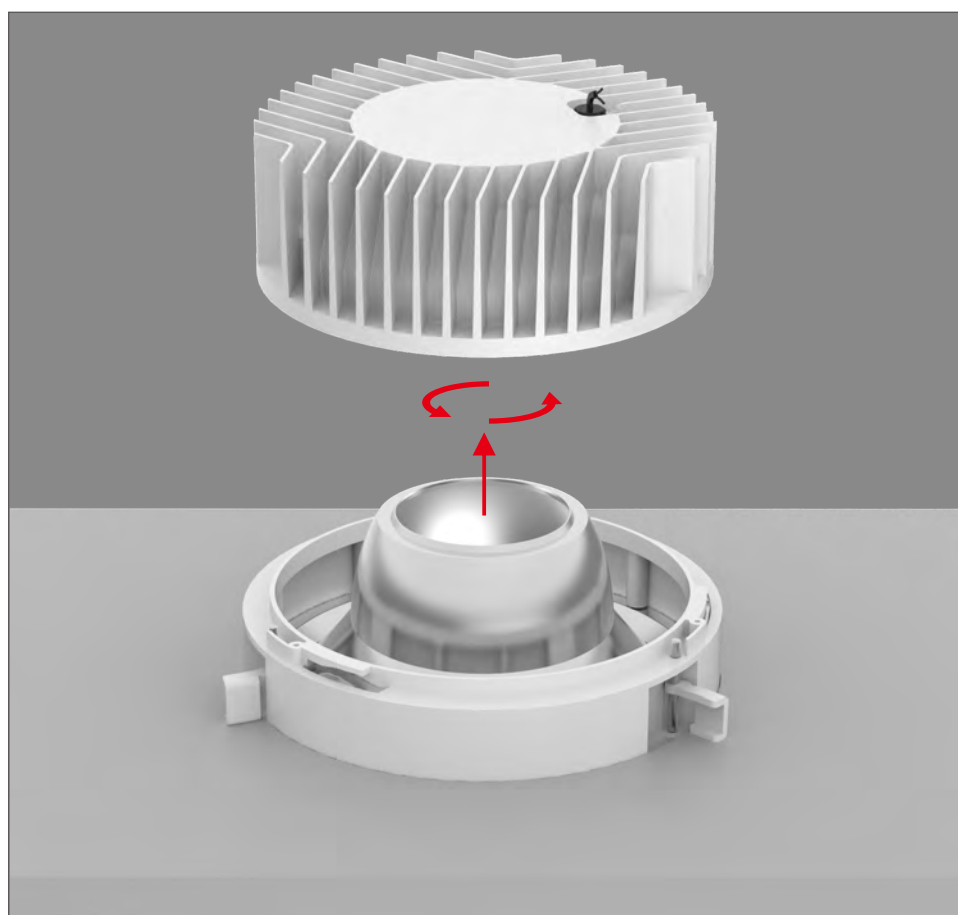
25W 2700 lm-3300 lm



Order Information

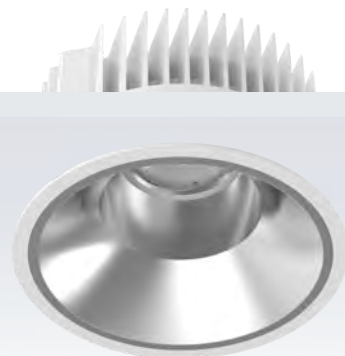
D150-25W 2700-3300 Lm MODELS (CITIZEN LED)

Code	LED output	Module output	LED Voltage	LED Current	LED Power	System Power	CRI	CCT	BEAM
D150-25W-830-30	3800 lm	3100 lm	36 V	700 mA	25 W	28 W	83	3000K	30°
D150-25W-840-30	4000 lm	3300 lm	36 V	700 mA	25 W	28 W	83	4000K	30°
D150-25W-830-60	3800 lm	2700 lm	36 V	700 mA	25 W	28 W	83	3000K	60°
D150-25W-840-60	4000 lm	2900 lm	36 V	700 mA	25 W	28 W	83	4000K	60°



Fixture can be taken off from the back of the ceiling, which is easy and convenient for maintenance.





Quickinfo

GENERAL

recessed
IP 54

LED

COB LED module

2700K, 3000K, 4000K

CRI > 80, CRI > 90

Bining < 3-Step MacAdam

ESTIMATED LED LIFETIME

L80 / 50.000h

OPTICAL

direct illumination

beam angle 18°, 30°, 60°

PHYSICAL

aluminium

powder coating

Function

Large size with cutout of 200mm. Detached structure of heatsink and mounting ring for high ceiling maintenance. Deep recessed design achieves super eye comfort. Attractive appearance with efficiency and functionality. Passive management ensures

Optimal lens technologies with narrow, medium and flood beam angles guarantee light quality. Interchangeable reflectors of matt, white and black colors provide maximum design freedom. Applicable to all typical downlight contexts.

Features



- Focus on every detail
- Low glare for optimal eye comfort

Order options

SYSTEM POWER

28W

42W

56W

COLOUR TEMPERATURE

2700K

3000K

4000K

COLOUR RENDERING INDEX

CRI 80

CRI 90

ELECTRICAL

Non-Dim

Phase Dim

1-10V

DALI Dim

LENS



REFLECTOR



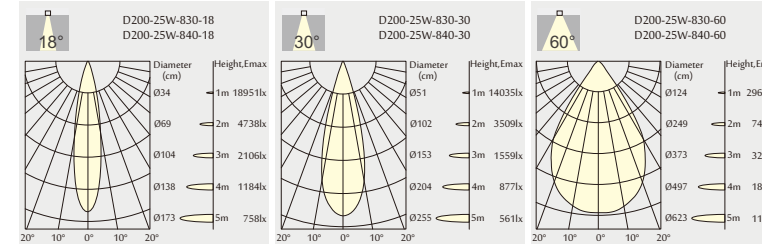
D200

3000K
(Standard)



Light distribution for 3000K

25W 2800 lm-3400 lm

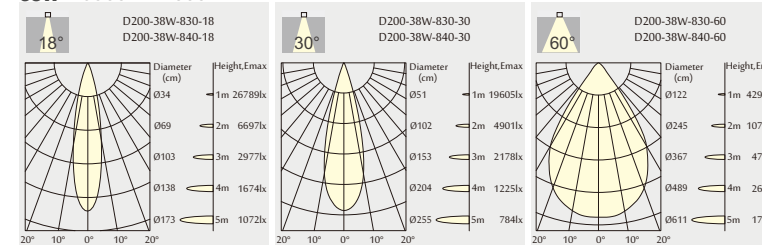


Order Information

D200-25W 2800-3400 Lm MODELS (CITIZEN LED)

Code	LED output	Module output	LED Voltage	LED Current	LED Power	System Power	CRI	CCT	BEAM
D200-25W-830-18	3900 lm	3200 lm	36 V	700 mA	25 W	28 W	83	3000K	18°
D200-25W-840-18	4100 lm	3400 lm	36 V	700 mA	25 W	28 W	83	4000K	18°
D200-25W-830-30	3900 lm	3200 lm	36 V	700 mA	25 W	28 W	83	3000K	30°
D200-25W-840-30	4100 lm	3400 lm	36 V	700 mA	25 W	28 W	83	4000K	30°
D200-25W-830-60	3900 lm	2800 lm	36 V	700 mA	25 W	28 W	83	3000K	60°
D200-25W-840-60	4100 lm	3000 lm	36 V	700 mA	25 W	28 W	83	4000K	60°

38W 3900 lm-4600 lm

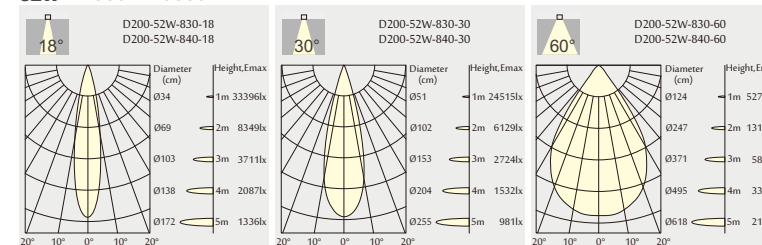


Order Information

D200-38W 3900-4600 Lm MODELS (CITIZEN LED)

Code	LED output	Module output	LED Voltage	LED Current	LED Power	System Power	CRI	CCT	BEAM
D200-38W-830-18	5400 lm	4400 lm	36 V	1050 mA	38 W	42 W	83	3000K	18°
D200-38W-840-18	5600 lm	4600 lm	36 V	1050 mA	38 W	42 W	83	4000K	18°
D200-38W-830-30	5400 lm	4400 lm	36 V	1050 mA	38 W	42 W	83	3000K	30°
D200-38W-840-30	5600 lm	4600 lm	36 V	1050 mA	38 W	42 W	83	4000K	30°
D200-38W-830-60	5400 lm	3900 lm	36 V	1050 mA	38 W	42 W	83	3000K	60°
D200-38W-840-60	5600 lm	4100 lm	36 V	1050 mA	38 W	42 W	83	4000K	60°

52W 4800 lm-5600 lm



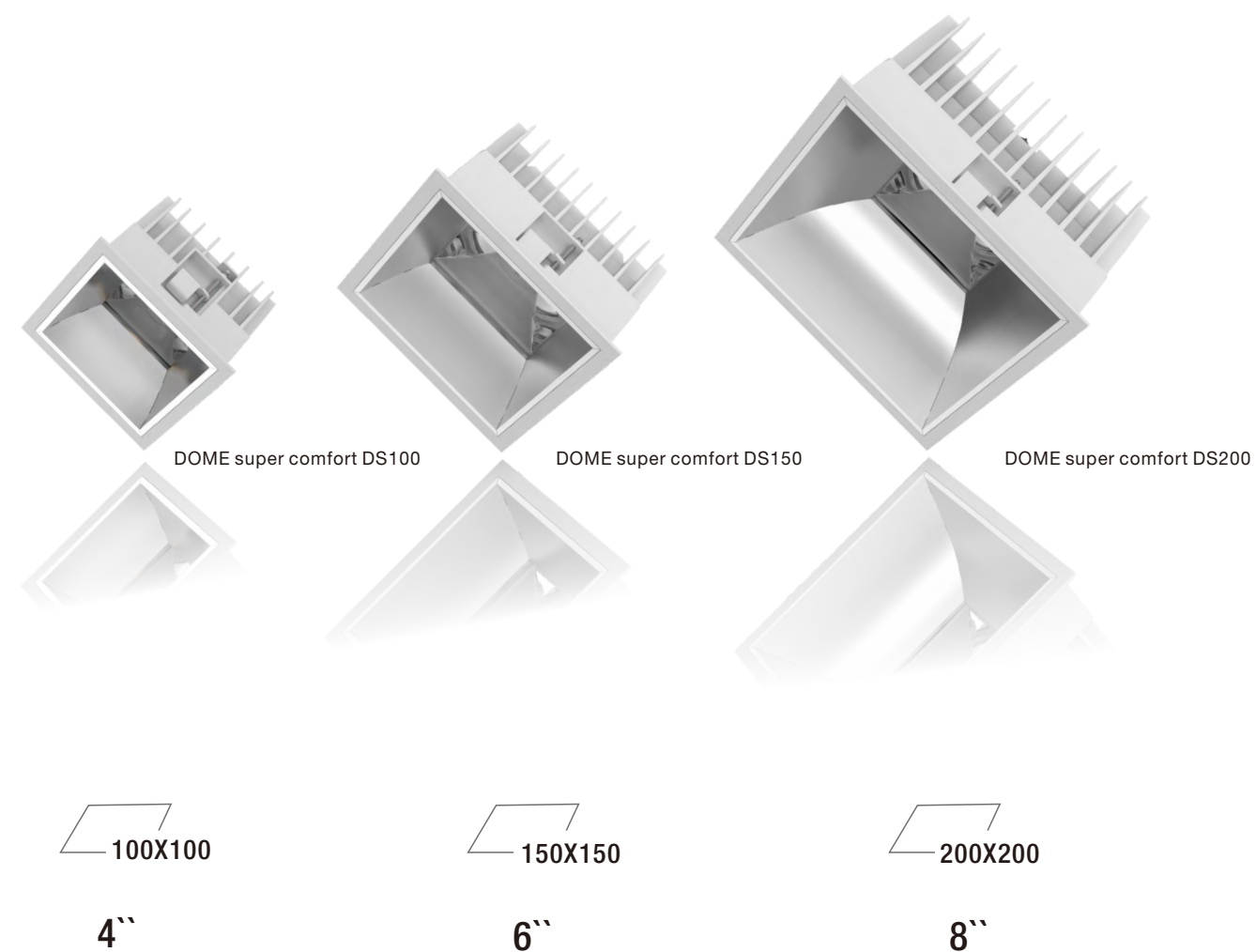
Order Information

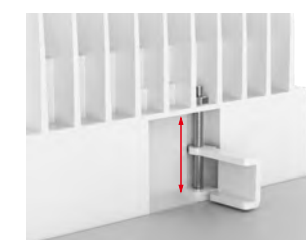
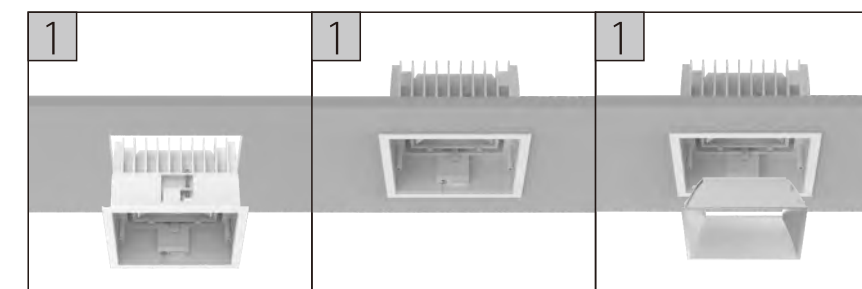
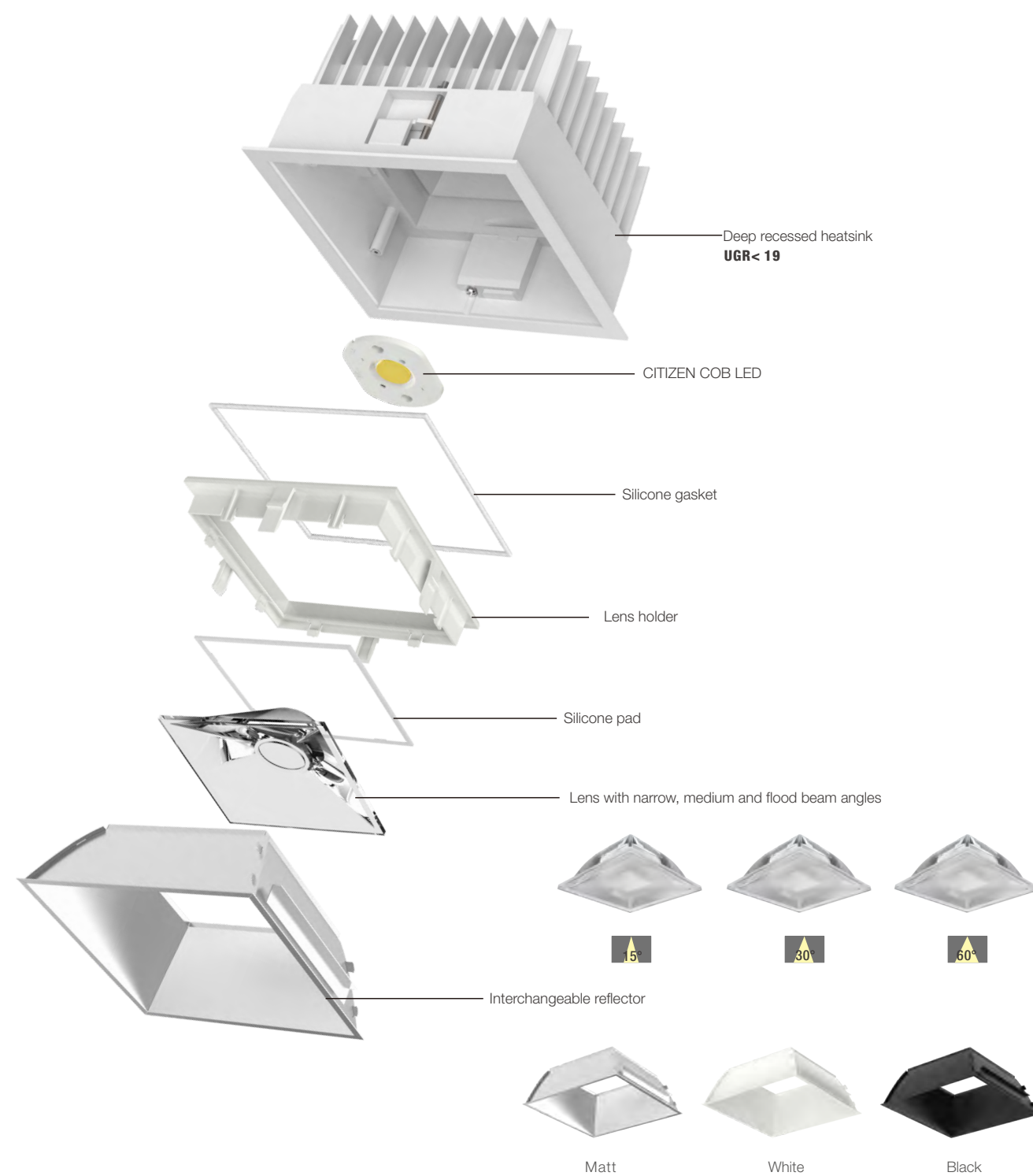
D200-52W 4800-5600 Lm MODELS (CITIZEN LED)

Code	LED output	Module output	LED Voltage	LED Current	LED Power	System Power	CRI	CCT	BEAM
D200-52W-830-18	6600 lm	5400 lm	36 V	1400 mA	52 W	56 W	83	3000K	18°
D200-52W-840-18	6800 lm	5600 lm	36 V	1400 mA	52 W	56 W	83	4000K	18°
D200-52W-830-30	6600 lm	5400 lm	36 V	1400 mA	52 W	56 W	83	3000K	30°
D200-52W-840-30	6800 lm	5600 lm	36 V	1400 mA	52 W	56 W	83	4000K	30°
D200-52W-830-60	6600 lm	4800 lm	36 V	1400 mA	52 W	56 W	83	3000K	60°
D200-52W-840-60	6800 lm	5000 lm	36 V	1400 mA	52 W	56 W	83	4000K	60°



Deep recessed design achieves super eye comfort. Attractive appearance with efficiency and functionality. Passive management ensures durability. Optimal lens technologies with narrow, medium and flood beam angles guarantee light quality. Interchangeable reflectors of matt, white and black colors, provide maximum design freedom. Applicable to all typical downlight contexts.





New Product Available in October 2018



DOME Display Case



060

LED Downlight
V68 / V90



V68

▶ page 064



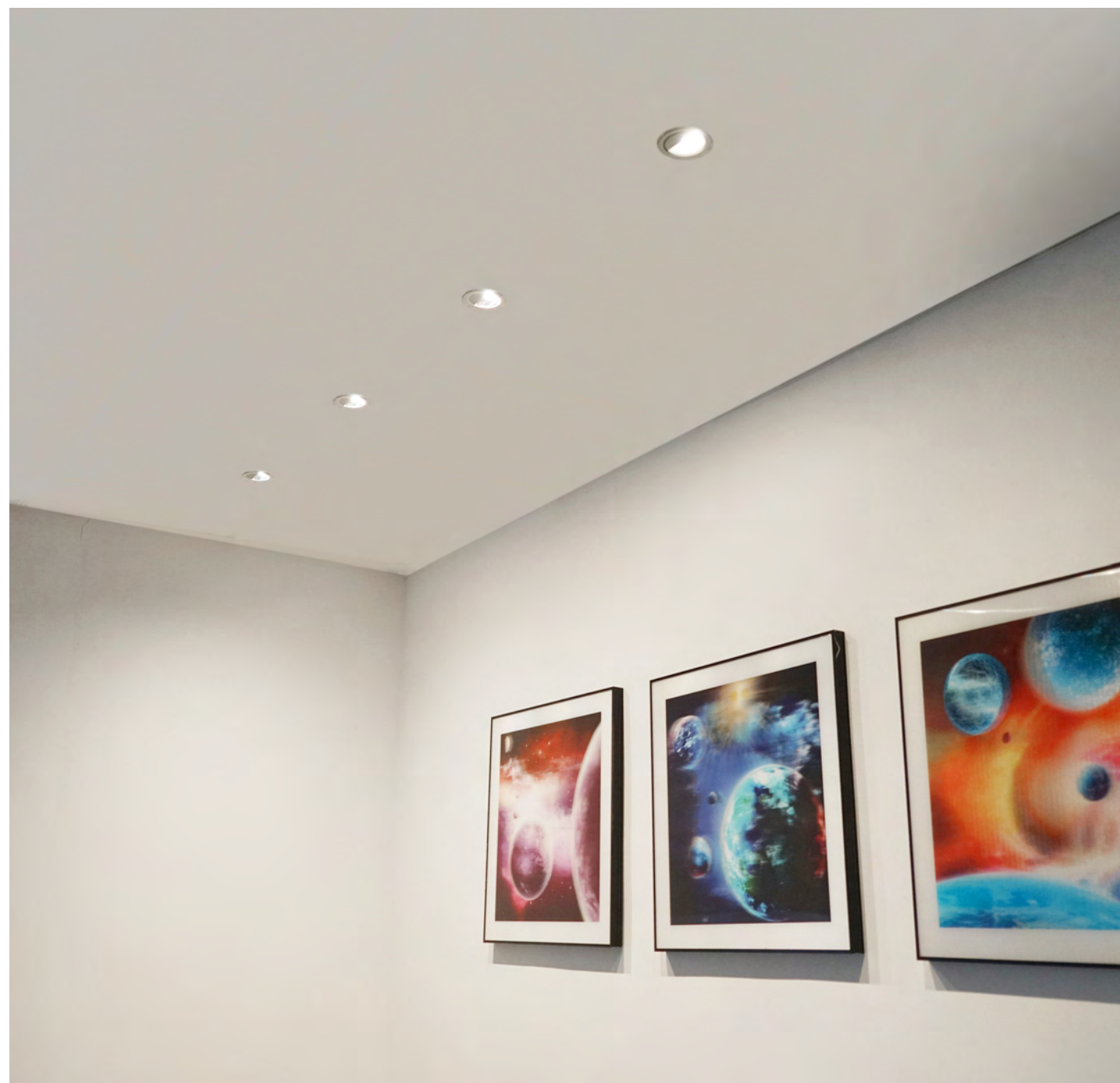
V68W

▶ page 066



V90

▶ page 068



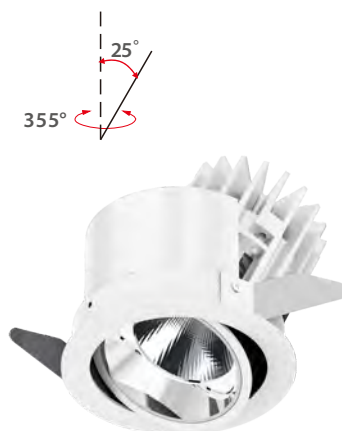
V68

V90

LED Dowlight



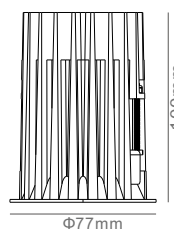
V68 



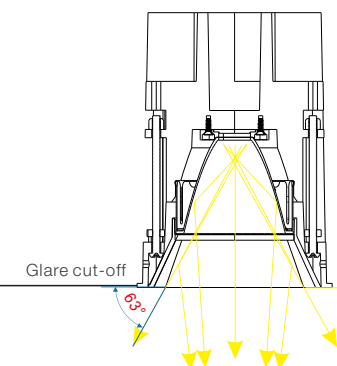
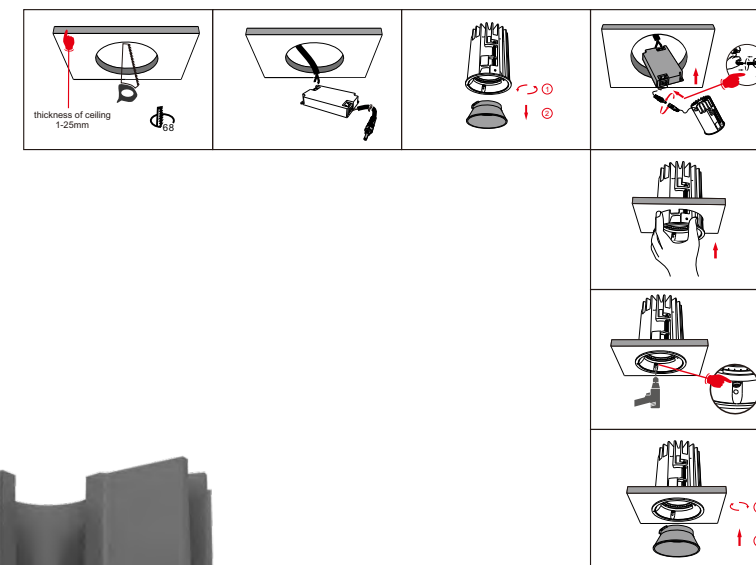
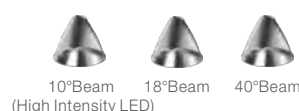
V90 



V68W 



Powerful LED module 8.5W/13W/18W
Miniature design
Excellent glare control
Precise light distribution with no stray light

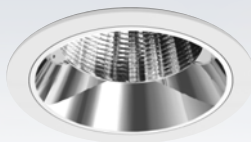


Different secondary reflectors for anti-glare and decorative function

V68
LED Downlight
Fixed



UGR
< 13



Quickinfo

GENERAL

recessed
fixed

LED

COB / SMD LED module

2700K, 3000K, 4000K

CRI > 80, CRI > 90

Bining < 3-Step MacAdam

ESTIMATED LED LIFETIME

L80 / 50.000h

OPTICAL

direct illumination

beam angle 10°, 18°, 40°

PHYSICAL

aluminium

wet painting

secondary reflector plastic

Function

Powerful LED engine 8.5W at 700mA, 13W at 350mA and 18W at 500mA. Miniaturized LED downlight for high performance accent lighting. Precise light distribution with no stray light and excellent glare control thanks to the optimized optic with double reflectors.

Installed easily and securely in the ceiling using two screw fixing mechanisms. Three different beam angles with different primary reflectors. Six different colours of secondary reflector for anti-glare and decorative functions.

Features



Deep recessed design for supreme anti-glare

Order options

SYSTEM POWER

10W

15W

21W

COLOUR TEMPERATURE

2700K

3000K

4000K

COLOR RENDERING INDEX

CRI 80

CRI 90

ELECTRICAL

non DIM

phase DIM

1-10V

DALI

PRIMARY REFLECTOR



10° Beam
(For CREE LED 8.5W)



18° Beam



40° Beam

SECONDARY REFLECTOR



Specular



Chrome Black



White



Matt



Black



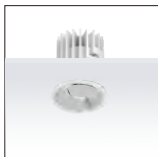
Gold



(Wall washer matt reflector is available)

V68W

page 066



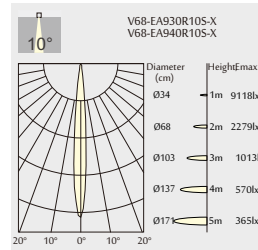
V68

3000K
(Standard)



Light distribution for 3000K

8.5 W 550lm-600lm



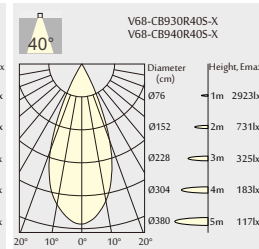
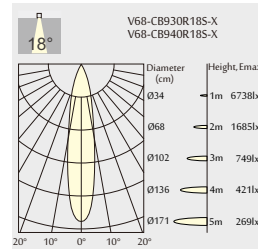
Order Information

V68 550-600 Lm MODELS (White trim, CREE LED, Specular reflector)

Code	LED output	Module output	CD	LED Voltage	LED Current	LED Power	System Power	CRI	CCT	BEAM
V68-EA930R10S-X	750 lm	550 lm	12550 cd	12 V	700mA	8.5 W	10 W	90	3000K	10°
V68-EA940R10S-X	800 lm	600 lm	13885 cd	12 V	700mA	8.5 W	10 W	90	4000K	10°

Remark: X=F (ON-OFF) X=P (Phase Dim) X=A (1-10V Dim) X=D (DALI Dim) X=N (Without Driver)

13 W 1200lm-1300lm



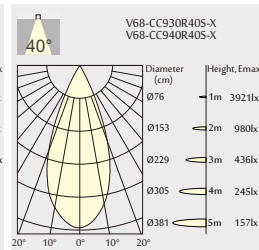
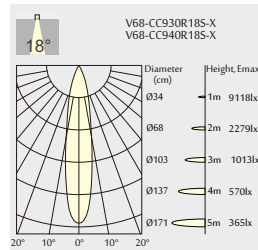
Order Information

V68 1200-1300 Lm MODELS (White trim, CITIZEN LED, Specular reflector)

Code	LED output	Module output	CD	LED Voltage	LED Current	LED Power	System Power	CRI	CCT	BEAM
V68-CB930R18S-X	1500 lm	1200 lm	6741 cd	36 V	350mA	13 W	15 W	90	3000K	18°
V68-CB940R18S-X	1600 lm	1300 lm	7245 cd	36 V	350mA	13 W	15 W	90	4000K	18°
V68-CB930R40S-X	1500 lm	1200 lm	2923 cd	36 V	350mA	13 W	15 W	90	3000K	40°
V68-CB940R40S-X	1600 lm	1300 lm	3111 cd	36 V	350mA	13 W	15 W	90	4000K	40°

Remark: X=F (ON-OFF) X=P (Phase Dim) X=A (1-10V Dim) X=D (DALI Dim) X=N (Without Driver)

18 W 1600lm-1700lm

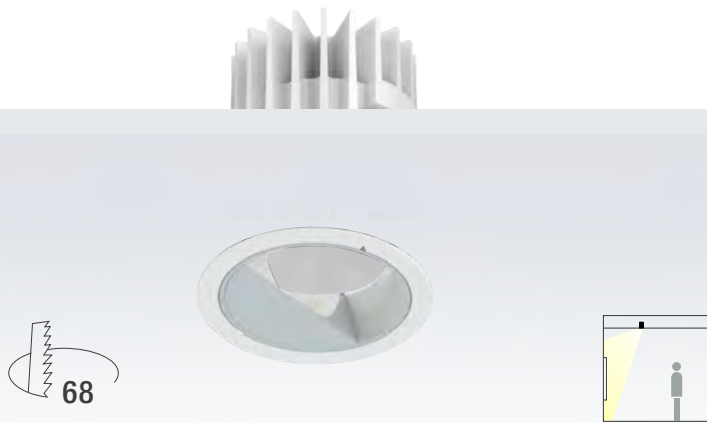


V68 1600-1700 Lm MODELS (White trim, CITIZEN LED, Specular reflector)

Code	LED output	Module output	CD	LED Voltage	LED Current	LED Power	System Power	CRI	CCT	BEAM
V68-CC930R18S-X	2000 lm	1600 lm	9122 cd	36 V	500mA	18 W	21 W	90	3000K	18°
V68-CC940R18S-X	2100 lm	1700 lm	9387 cd	36 V	500mA	18 W	21 W	90	4000K	18°
V68-CC930R40S-X	2000 lm	1600 lm	3921 cd	36 V	500mA	18 W	21 W	90	3000K	40°
V68-CC940R40S-X	2100 lm	1700 lm	4124 cd	36 V	500mA	18 W	21 W	90	4000K	40°

Remark: X=F (ON-OFF) X=P (Phase Dim) X=A (1-10V Dim) X=D (DALI Dim) X=N (Without Driver)

V68W
LED Downlight
Wall Washer



Quickinfo

GENERAL
recessed
wall washer asymmetric

LED
COB LED module
2700K, 3000K, 4000K
CRI > 80, CRI > 90
Bining < 3-Step MacAdam

ESTIMATED LED LIFETIME
L80 / 50,000h

OPTICAL
direct illumination
asymmetric

PHYSICAL
aluminium
wet painting
secondary reflector plastic

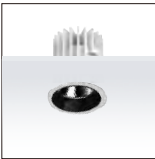
Function

Asymmetric wall washer reflector evenly illuminates walls.
Thermally engineered heatsink creates highly efficient passive cooling system.

Anti-glare accessory provides maximum eye comfort.
Trimless installation downlight and accessory are available.

Features

V68
page 064



Asymmetric reflector with evenly illuminated wall

Order options

SYSTEM POWER
15W
21W

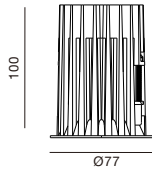
COLOUR TEMPERATURE
2700K
3000K
4000K

COLOR RENDERING INDEX
CRI 80
CRI 90

ELECTRICAL
non DIM
phase DIM
1-10V
DALI

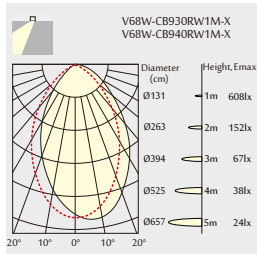
V68W

3000K
(Standard)



Light distribution for 3000K

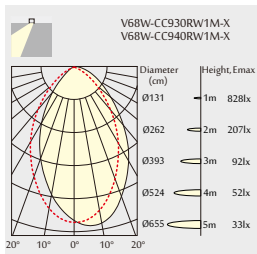
13 W 820lm-880lm



Order Information

V68W 820-880 Lm MODELS									
(White trim, CITIZEN LED, Matt reflector)									
Code	LED output	Module output	LED Voltage	LED Current	LED Power	System Power	CRI	CCT	
V68W-CB930RW1M-X	1500 lm	820 lm	36 V	350mA	13 W	15 W	90	3000K	
V68W-CB940RW1M-X	1600 lm	880 lm	36 V	350mA	13 W	15 W	90	4000K	
Remark: X=F (ON-OFF) X=P (Phase Dim) X=A (1-10V Dim) X=D (DALI Dim) X=N (Without Driver)									

18 W 1100lm-1200lm



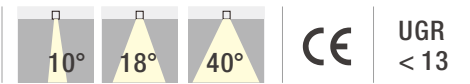
Order Information

V68W 900-1000 Lm MODELS									
(White trim, CITIZEN LED, Matt reflector)									
Code	LED output	Module output	LED Voltage	LED Current	LED Power	System Power	CRI	CCT	
V68W-CC930RW1M-X	2000 lm	1100 lm	36 V	500mA	18 W	21 W	90	3000K	
V68W-CC940RW1M-X	2100 lm	1200 lm	36 V	500mA	18 W	21 W	90	4000K	
Remark: X=F (ON-OFF) X=P (Phase Dim) X=A (1-10V Dim) X=D (DALI Dim) X=N (Without Driver)									

Suggestions on Installation Distance for Uniform Lighting Effects

MODEL	X (mm) L (mm)															
	500 mm	550 mm	600 mm	650 mm	700 mm	750 mm	800 mm	850 mm	900 mm	950 mm	1000 mm	1050 mm	1100 mm	1150 mm	1200 mm	
V68W	500 mm	550 mm	600 mm	650 mm	700 mm	750 mm	800 mm	850 mm	900 mm	950 mm	1000 mm	1050 mm	1100 mm	1150 mm	1200 mm	

V90
LED Downlight
Adjustable



Quickinfo

GENERAL

recessed
adjustble

LED

COB / SMD LED module

2700K, 3000K, 4000K

CRI > 80, CRI > 90

Bining < 3-Step MacAdam

ESTIMATED LED LIFETIME

L80 / 50.000h

OPTICAL

direct illumination

beam angle 10°, 18°, 40°

PHYSICAL

aluminium

wet painting

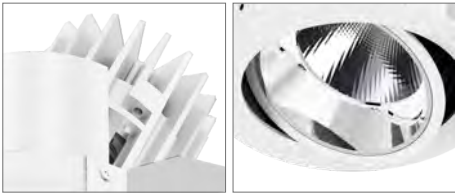
secondary reflector plastic

Function

Powerful LED engine 8.5W at 700mA, 13W at 350mA and 18W at 500mA. 30° tilt and 355° rotation. Precise light distribution with no stray light and excellent glare control thanks to optimized optic with double reflectors.

Three different beam angles with different primary reflectors. Six secondary reflector for anti-glare and decorative functions.

Features



Adjustable functionality through mianiture dimension

Order options

SYSTEM POWER

10W

15W

21W

COLOUR TEMPERATURE

2700K

3000K

4000K

COLOR RENDERING INDEX

CRI 80

CRI 90

ELECTRICAL

non DIM

phase DIM

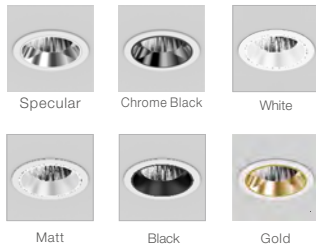
1-10V

DALI

PRIMARY REFLECTOR

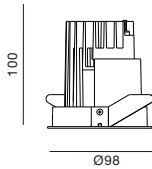


SECONDARY REFLECTOR



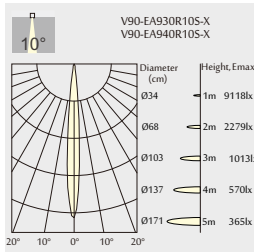
V90

3000K
(Standard)



Light distribution for 3000K

8.5 W 550lm-600lm



Order Information

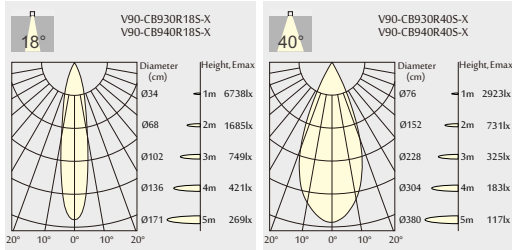
V90 550-600 Lm MODELS

(White trim, CREE LED, Specular reflector)

Code	LED output	Module output	CD	LED Voltage	LED Current	LED Power	System Power	CRI	CCT	BEAM
V90-EA930R10S-X	750 lm	550 lm	12550 cd	12 V	700mA	8.5 W	10 W	90	3000K	10°
V90-EA940R10S-X	800 lm	600 lm	13885 cd	12 V	700mA	8.5 W	10 W	90	4000K	10°

Remark: X=F (ON-OFF) X=P (Phase Dim) X=A (1-10V Dim) X=D (DALI Dim) X=N (Without Driver)

13 W 1200lm-1300lm



Order Information

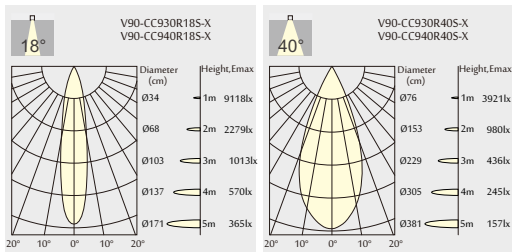
V90 1200-1300 Lm MODELS

(White trim, CITIZEN LED, Specular reflector)

Code	LED output	Module output	CD	LED Voltage	LED Current	LED Power	System Power	CRI	CCT	BEAM
V90-CB930R18S-X	1500 lm	1200 lm	6741 cd	36 V	350mA	13 W	15 W	90	3000K	18°
V90-CB940R18S-X	1600 lm	1300 lm	7245 cd	36 V	350mA	13 W	15 W	90	4000K	18°
V90-CB930R40S-X	1500 lm	1200 lm	2923 cd	36 V	350mA	13 W	15 W	90	3000K	40°
V90-CB940R40S-X	1600 lm	1300 lm	3111 cd	36 V	350mA	13 W	15 W	90	4000K	40°

Remark: X=F (ON-OFF) X=P (Phase Dim) X=A (1-10V Dim) X=D (DALI Dim) X=N (Without Driver)

18 W 1600lm-1700lm



Order Information

V90 1600-1700 Lm MODELS

(White trim, CITIZEN LED, Specular reflector)

Code	LED output	Module output	CD	LED Voltage	LED Current	LED Power	System Power	CRI	CCT	BEAM
V90-CC930R18S-X	2000 lm	1600 lm	9122 cd	36 V	500mA	18 W	21 W	90	3000K	18°
V90-CC940R18S-X	2100 lm	1700 lm	9387 cd	36 V	500mA	18 W	21 W	90	4000K	18°
V90-CC930R40S-X	2000 lm	1600 lm	3921 cd	36 V	500mA	18 W	21 W	90	3000K	40°
V90-CC940R40S-X	2100 lm	1700 lm	4124 cd	36 V	500mA	18 W	21 W	90	4000K	40°

Remark: X=F (ON-OFF) X=P (Phase Dim) X=A (1-10V Dim) X=D (DALI Dim) X=N (Without Driver)



START

LED Downlight System

START

LED Downlight System



SRA45
▶ page 090



SRA68
▶ page 092



SRA100
▶ page 094



SRA125
▶ page 096



SRA150
▶ page 098



SSA45
▶ page 100



SSA68
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SSA100
▶ page 118



SSA125
▶ page 120



SSA150
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Twin SSA45
▶ page 104



Trip SSA45
▶ page 105



Quadri SSA45
▶ page 106



Twin SSA68
▶ page 112



Trip SSA68
▶ page 113



Quadri SSA68
▶ page 114



SRF100
▶ page 132



SRF125
▶ page 134



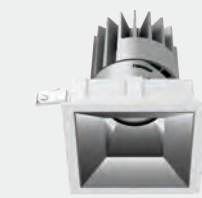
SRF150
▶ page 136



SSF100
▶ page 138



SSF125
▶ page 140



SSF150
▶ page 142



SRW100
▶ page 152



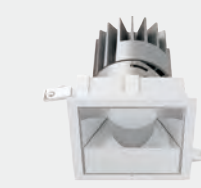
SRW125
▶ page 154



SRW150
▶ page 156



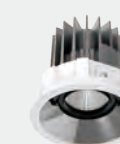
SSW100
▶ page 158



SSW125
▶ page 160



SSW150
▶ page 162



ERF100
▶ page 168



ESF100
▶ page 170

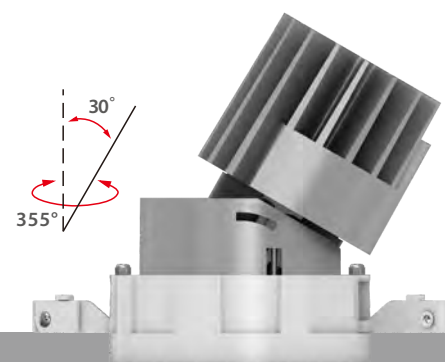
START FROM HERE

ONE LIGHT ENGINE FOR ALL
EASY TO SPECIFY
EASY TO INSTALL AND ADJUST
EASY TO MANAGE STOCK
EASY TO HAVE OPTIC CONTROL



Meticulous to every detail
To guarantee maximum eye comfort >

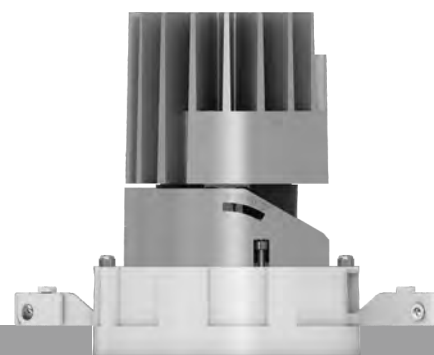
	Adjustable										Fixed						Wall Washer								
Picture&Name	 SRA					 SSA					 SRF			 SSF			 SRW			 SSW					
Cutout Diameter(mm)	Φ45	Φ68	Φ100	Φ125	Φ150	45X45	68X68	96X96	122X122	147X147	Φ100	Φ125	Φ150	96X96	122X122	147X147	Φ100	Φ125	Φ150	96X96	122X122	147X147			
Trim Diameter(mm)	SRA45	SRA68	SRA100	SRA125	SRA150	SSA45	SSA68	SSA100	SSA125	SSA150	SRF100	SRF125	SRF150	SSF100	SSF125	SSF150	SRW100	SRW125	SRW150	SSW100	SSW125	SSW150			
	 Ø55	 Ø78	 Ø110	 Ø137	 Ø162	 55X55	 78X78	 107X107	 134X134	 159X159	 Ø110	 Ø137	 Ø162	 107X107	 134X134	 159X159	 Ø110	 Ø137	 Ø162	 107X107	 134X134	 159X159			
Height (mm)	 H: 60 H: 98 H: 126 H: 157 H: 188					 H: 60 H: 98 H: 126 H: 157 H: 188					 H: 126 H: 157 H: 188			 H: 126 H: 157 H: 188			 H: 126 H: 157 H: 188			 H: 126 H: 157 H: 188					
Wattage and Luminous Flux	4W 350 Lm 7.5W 600 Lm 13W 850 Lm 18W 1300 Lm 25W 1800 Lm 11W 800 Lm 18W 1100 Lm 25W 1700 Lm 38W 2500 Lm					4W 350 Lm 7.5W 600 Lm 13W 850 Lm 18W 1300 Lm 25W 1800 Lm 11W 800 Lm 18W 1100 Lm 25W 1700 Lm 38W 2500 Lm					13W 900 Lm 18W 1400 Lm 25W 1900 Lm 18W 1200 Lm 25W 1800 Lm 38W 2700 Lm			13W 900 Lm 18W 1400 Lm 25W 1900 Lm 18W 1200 Lm 25W 1800 Lm 38W 2700 Lm			13W 480 Lm 18W 750 Lm 25W 1000 Lm 18W 650 Lm 25W 1000 Lm 38W 1400 Lm			13W 480 Lm 18W 680 Lm 25W 900 Lm 18W 650 Lm 25W 880 Lm 38W 1300 Lm					
Beam Angle	10 deg (Only SRA68) 20 deg 40 deg 50 deg					10 deg (Only SSA68) 20 deg 40 deg 50 deg					28 deg 35 deg 50 deg			28 deg 35 deg 50 deg			Asymmetric optical distribution			Asymmetric optical distribution					
Colour Temperature	Standard 3000K 4000K Option 2700K 5000K					Standard 3000K 4000K Option 2700K 5000K					Standard 3000K 4000K Option 2700K 5000K			Standard 3000K 4000K Option 2700K 5000K			Standard 3000K 4000K Option 2700K 5000K			Standard 3000K 4000K Option 2700K 5000K					
Colour Rendering Index	Standard CRI>90 Option CRI>83					Standard CRI>90 Option CRI>83					Standard CRI>90 Option CRI>83			Standard CRI>90 Option CRI>83			Standard CRI>90 Option CRI>83			Standard CRI>90 Option CRI>83					
LED Driver	Standard ON-OFF Option PHASE DIM 1-10V DIM DALI DIM					Standard ON-OFF Option PHASE DIM 1-10V DIM DALI DIM					Standard ON-OFF Option PHASE DIM 1-10V DIM DALI DIM			Standard ON-OFF Option PHASE DIM 1-10V DIM DALI DIM			Standard ON-OFF Option PHASE DIM 1-10V DIM DALI DIM			Standard ON-OFF Option PHASE DIM 1-10V DIM DALI DIM					
Trimless Version	 					 					 			 			 			 					
Secondary Reflector	 Specular  Chrome Black  Matt  White  Black  Gold					 Specular  Chrome Black  Matt  White  Black  Gold									 Matt										
Anti-glare Accessory	 honeycomb																								
Decoration Accessory Colour film											 red  blue  yellow  green			 red  blue  yellow  green											



START ROUND Downlight

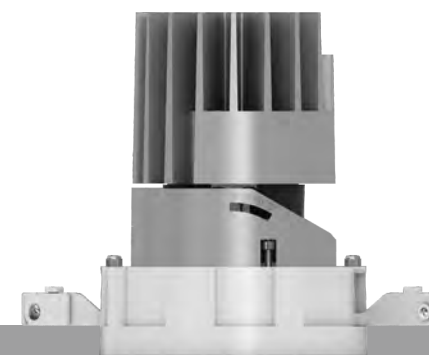
ADJUSTABLE

Five sizes with LED wattages 4W-38W.
20°, 40°, and 50° beam angles are available
10° beam angle is optional for SRA68.
30° tilt and 355° rotation.



FIXED

A combination of deep recessed
secondary reflector and soft
lens creates visual comfort



WALL WASHER

Asymmetric wall washer reflector
evenly illuminates walls



TRIMLESS

Make your downlight
invisible in the ceiling.
Tidy design for architectural
project installation.



START

SQUARE Downlight

ADJUSTABLE

Five sizes with LED wattages 7.5W-38W. 20°, 40°, and 50° beam angles are available. 10° beam angle is optional for SRA68. 30° tilt and 355° rotation.

FIXED

A combination of deep recessed secondary reflector and soft lens creates visual comfort.

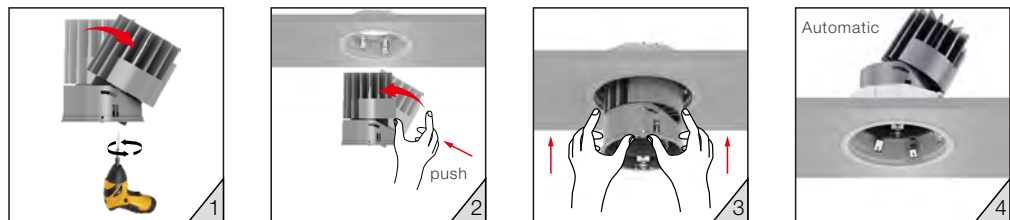
WALL WASHER

Asymmetric wall washer reflector evenly illuminates walls.

TRIMLESS

Make your downlight invisible in the ceiling. Tidy design for architectural project installation.

Intelligent mechanical design creates easy adjustment and precise alignment.



START

Smart mechanical design features precise angle alignment.
Artistical style meets architectural requirement.
Fixing screws can be rotated to match ceiling with different thickness.



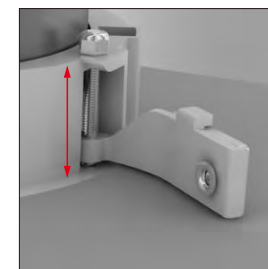
Technology Presents Arts

Ultra-narrow trim design leaves no flange between the secondary reflector and trim, meeting neat ceiling requirement.

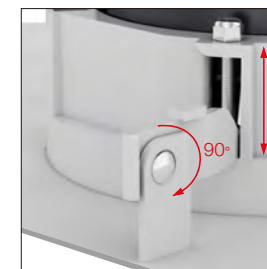


Creative Ceiling Treatment

Installed easily and securely in the ceiling, using two screw fixing mechanisms.
Applying to 12-25mm thickness ceiling and to 1-12mm thickness ceiling with a fallen clip.



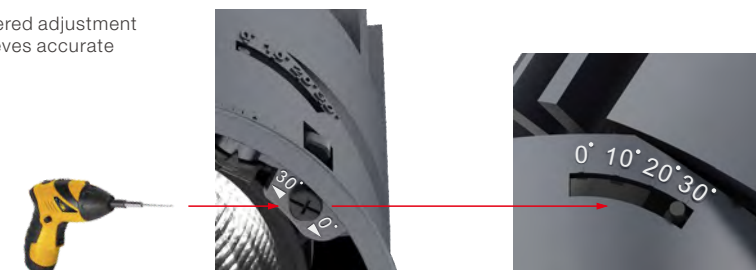
fit for ceiling thickness
12mm to 25mm

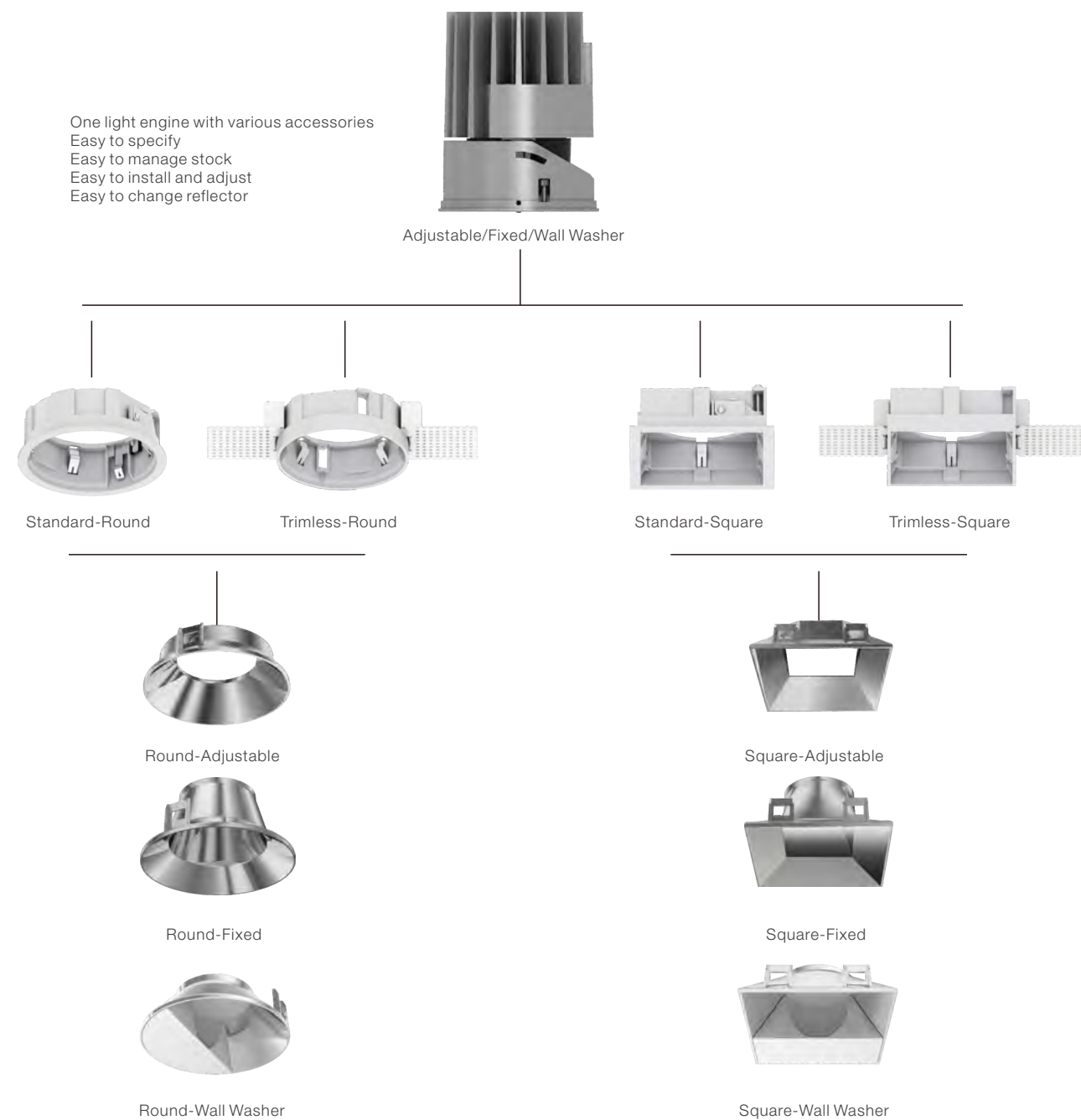


fit for ceiling thickness
1mm to 12mm

Easy to Adjust

Precision engineered adjustment mechanism achieves accurate angle alignment.



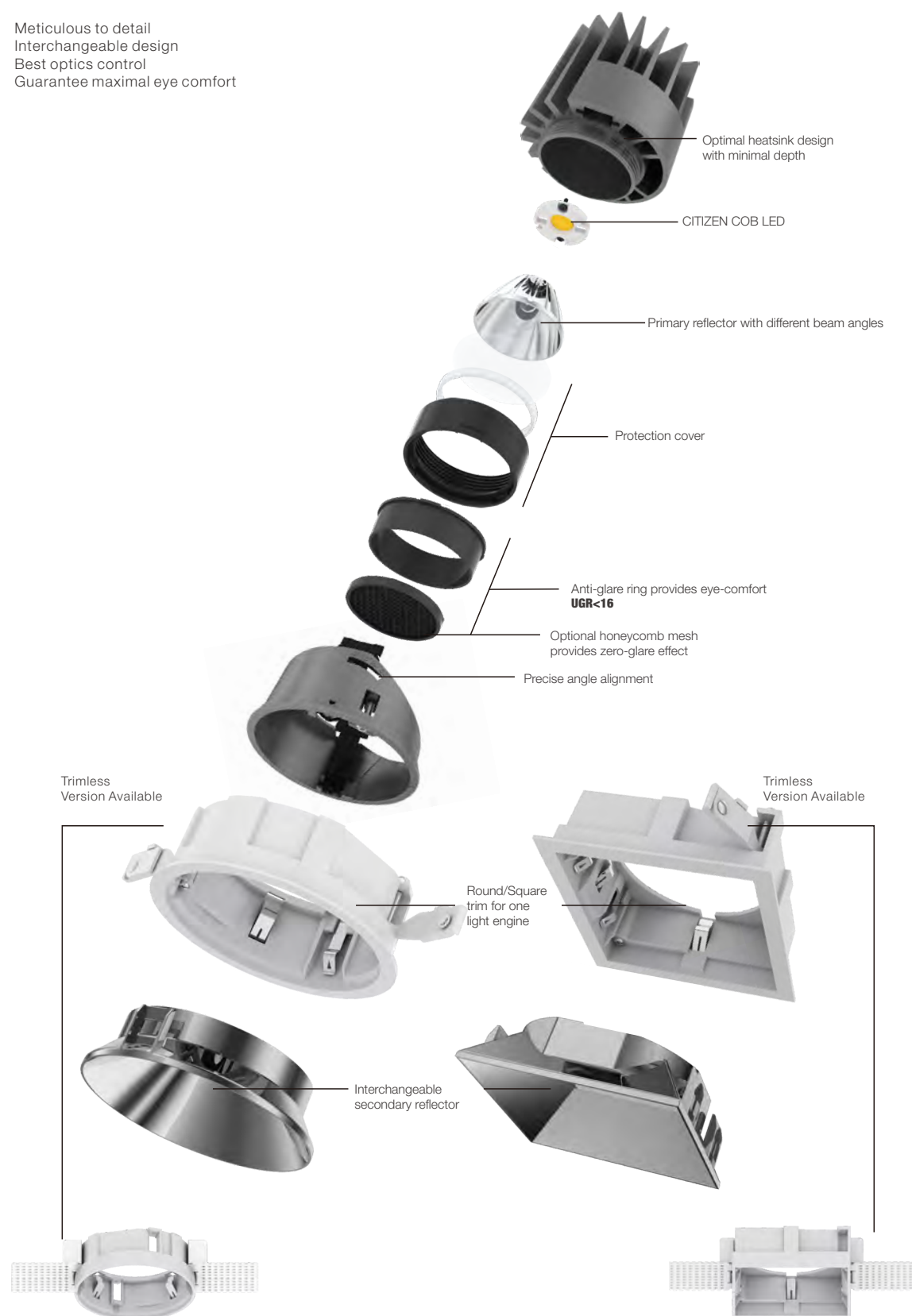


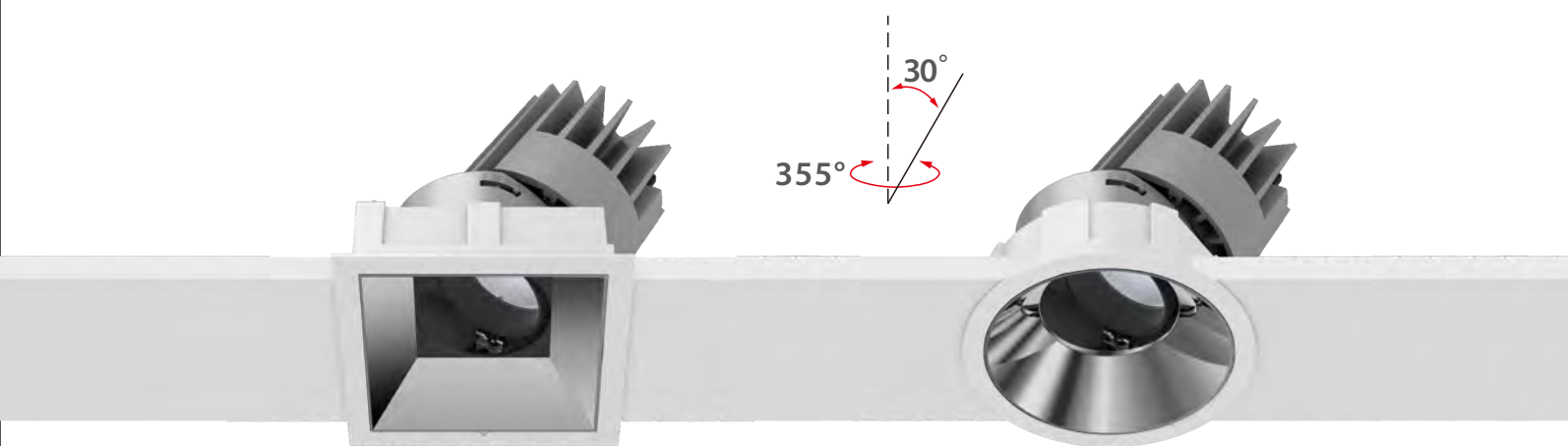
Secondary Reflector





Meticulous to detail
 Interchangeable design
 Best optics control
 Guarantee maximal eye comfort





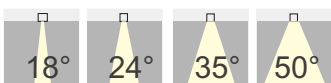
A versatile accent lighting solution.

Aesthetic design for architectural request.



Aesthetic design trim available in round or square shape.
 Five sizes with LED wattages 4W-38W.
 30° tilt and 355° rotation.
 Smart mechanical design ensures precise alignment.





Quickinfo

GENERAL

recessed
adjustable
round

LED

SMD LED module
2700K, 3000K, 4000K
CRI > 80, CRI > 90
Binning < 3-Step MacAdam

ESTIMATED LED LIFETIME

L80 / 50,000h

OPTICAL

direct illumination
beam angle 18°, 24°, 35°, 50°

PHYSICAL

aluminium
wet painting
secondary reflector plastic

Function

Full range of adjustable downlight, five sizes with LED wattages 4W-38W. Precision engineered adjustment mechanism, easy to adjust to specific angle. 30° tilt and 355° rotation.

Thermally engineered heatsink creates highly efficient passive cooling system. Different colours of secondary reflector are available. Anti-glare accessory provides maximum eye comfort.

Features



Miniature dimension with elegant design

Order options

SYSTEM POWER

6W

COLOUR TEMPERATURE

2700K
3000K
4000K

COLOUR RENDERING INDEX

CRI 80
CRI 90

ELECTRICAL

non DIM

LENS



ANTI-GLARE ACCESSORY



SECONDARY REFLECTOR



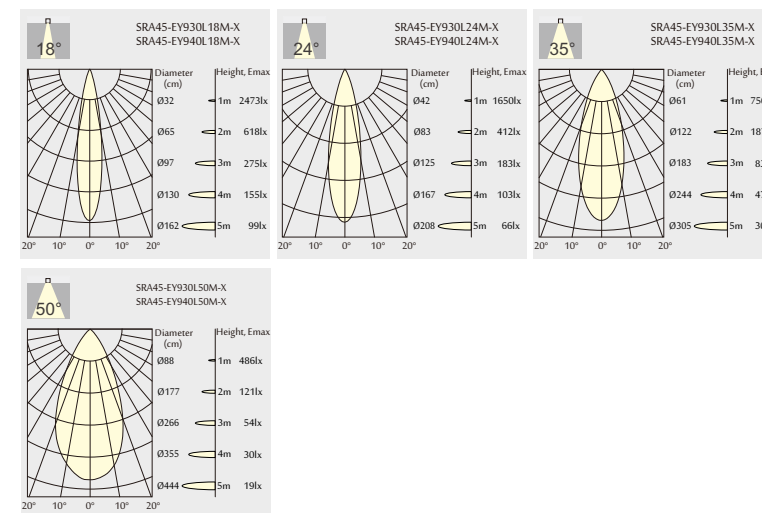
SRA45

3000K
(Standard)



Light distribution for 3000K

4 W 350lm-380lm

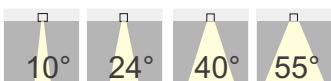


Order Information

SRA45 350-380 Lm MODELS (White trim, CREE LED, Matt reflector)

Code	LED output	Module output	LED Voltage	LED Current	LED Power	System Power	CRI	CCT	BEAM
SRA45-EY930L18M-X	500 lm	350 lm	12 V	350mA	4 W	6 W	90	3000K	18°
SRA45-EY940L18M-X	550 lm	380 lm	12 V	350mA	4 W	6 W	90	4000K	18°
SRA45-EY930L24M-X	500 lm	350 lm	12 V	350mA	4 W	6 W	90	3000K	24°
SRA45-EY940L24M-X	550 lm	380 lm	12 V	350mA	4 W	6 W	90	4000K	24°
SRA45-EY930L35M-X	500 lm	350 lm	12 V	350mA	4 W	6 W	90	3000K	35°
SRA45-EY940L35M-X	550 lm	380 lm	12 V	350mA	4 W	6 W	90	4000K	35°
SRA45-EY930L50M-X	500 lm	350 lm	12 V	350mA	4 W	6 W	90	3000K	50°
SRA45-EY940L50M-X	550 lm	380 lm	12 V	350mA	4 W	6 W	90	4000K	50°

Remark: X=F (ON-OFF) X=P (Phase Dim) X=A (1-10V Dim) X=D (DALI Dim) X=N (Without Driver)

UGR
< 16

Quickinfo

GENERAL

recessed
adjustable

LED

COB / SMD LED module

2700K, 3000K, 4000K

CRI > 80, CRI > 90

Binning < 3-Step MacAdam

ESTIMATED LED LIFETIME

L80 / 50.000h

OPTICAL

direct illumination

beam angle 10°, 24°, 40°, 55°

PHYSICAL

aluminium

wet painting

secondary reflector plastic

Function

Full range of adjustable downlight, five sizes with LED wattages 4W-38W.

Precision engineered adjustment mechanism, easy to adjust to specific angle.

30° tilt and 355° rotation.

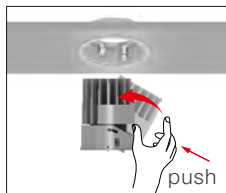
Thermally engineered heatsink creates highly efficient passive cooling system.

Different colours of secondary reflector are available.

Anti-glare accessory provides maximum eye comfort.

Trimless installation downlight and accessory are available.

Features

Automatic Push-to-Back system during installation
Intelligent adjustment mechanism guarantees precise angle

Order options

SYSTEM POWER

9W

10W

13W

COLOUR TEMPERATURE

2700K

3000K

4000K

COLOUR RENDERING INDEX

CRI 80

CRI 90

ELECTRICAL

non DIM

phase DIM

1-10V

DALI

LENS



24° Beam 40° Beam

PRIMARY REFLECTOR

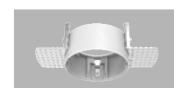
10° Beam 55° Beam
(For CREE LED 8.5W)

TRIM



Trim (Standard)

TRIMLESS



European Version



American Version

ANTI-GLARE ACCESSORY



Honeycomb mesh

SECONDARY REFLECTOR



Specular Chrome Black White



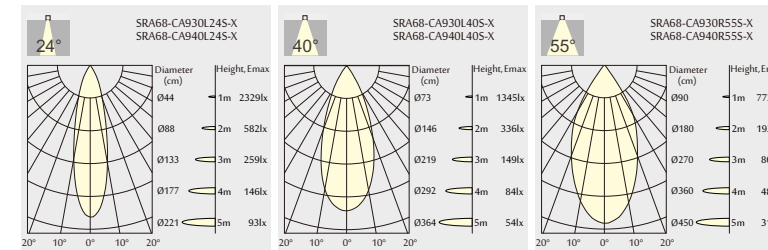
Matt . Black Gold

SRA68

3000K
(Standard)

Light distribution for 3000K

7.5 W 600lm-650lm



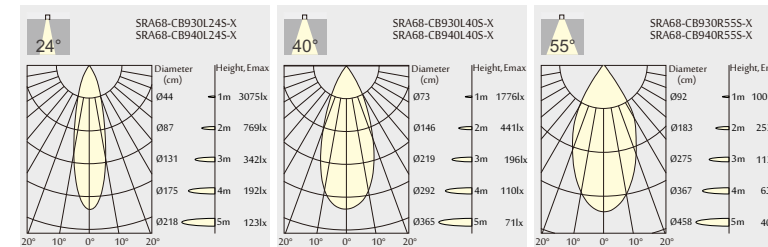
Order Information

SRA68 600-650 Lm MODELS (White trim, CITIZEN LED, Specular reflector)

Code	LED output	Module output	LED Voltage	LED Current	LED Power	System Power	CRI	CCT	BEAM
SRA68-CA930L24S-X	850 lm	600 lm	31 V	250mA	7.5 W	9 W	90	3000K	24°
SRA68-CA940L24S-X	900 lm	650 lm	31 V	250mA	7.5 W	9 W	90	4000K	24°
SRA68-CA930L40S-X	850 lm	600 lm	31 V	250mA	7.5 W	9 W	90	3000K	40°
SRA68-CA940L40S-X	900 lm	650 lm	31 V	250mA	7.5 W	9 W	90	4000K	40°
SRA68-CA930R55S-X	850 lm	500 lm	31 V	250mA	7.5 W	9 W	90	3000K	55°
SRA68-CA940R55S-X	900 lm	550 lm	31 V	250mA	7.5 W	9 W	90	4000K	55°

Remark: X=F (ON-OFF) X=P (Phase Dim) X=A (1-10V Dim) X=D (DALI Dim) X=N (Without Driver)

11 W 800lm-850lm



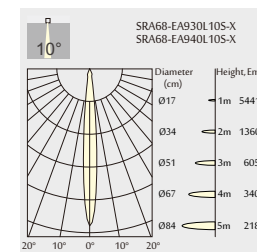
Order Information

SRA68 800-850 Lm MODELS (White trim, CITIZEN LED, Specular reflector)

Code	LED output	Module output	LED Voltage	LED Current	LED Power	System Power	CRI	CCT	BEAM
SRA68-CB930L24S-X	1100 lm	800 lm	31 V	350mA	11 W	13 W	90	3000K	24°
SRA68-CB940L24S-X	1200 lm	850 lm	31 V	350mA	11 W	13 W	90	4000K	24°
SRA68-CB930L40S-X	1100 lm	800 lm	31 V	350mA	11 W	13 W	90	3000K	40°
SRA68-CB940L40S-X	1200 lm	850 lm	31 V	350mA	11 W	13 W	90	4000K	40°
SRA68-CB930R55S-X	1100 lm	650 lm	31 V	350mA	11 W	13 W	90	3000K	55°
SRA68-CB940R55S-X	1200 lm	700 lm	31 V	350mA	11 W	13 W	90	4000K	55°

Remark: X=F (ON-OFF) X=P (Phase Dim) X=A (1-10V Dim) X=D (DALI Dim) X=N (Without Driver)

8.5 W 350lm-380lm Narrow Spot Beam Version

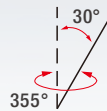
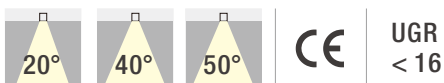


Order Information

SRA68 350-380 Lm MODELS (White trim, CREE LED, Specular reflector)

Code	LED output	Module output	CD	LED Voltage	LED Current	LED Power	System Power	CRI	CCT	BEAM
SRA68-EA930L10S-X	600 lm	350 lm	5444 cd	12 V	700mA	8.5 W	10 W	90	3000K	10°
SRA68-EA940L10S-X	650 lm	380 lm	5666 cd	12 V	700mA	8.5 W	10 W	90	4000K	10°

Remark: X=F (ON-OFF) X=P (Phase Dim) X=A (1-10V Dim) X=D (DALI Dim) X=N (Without Driver)



Quickinfo

GENERAL

recessed
adjustable
round

LED

COB LED module
2700K, 3000K, 4000K
CRI > 80, CRI > 90
Binning < 3-Step MacAdam

ESTIMATED LED LIFETIME

L80 / 50,000h

OPTICAL

direct illumination
beam angle 20°, 40°, 50°

PHYSICAL

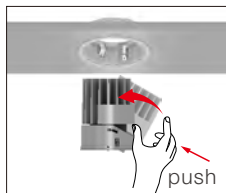
aluminium
wet painting
secondary reflector plastic

Function

Full range of adjustable downlight, four sizes with LED wattages 7.5W-38W. Precision engineered adjustment mechanism, easy to adjust to specific angle. 30° tilt and 355° rotation. Thermally engineered heatsink creates highly efficient passive cooling system.

Different colours of secondary reflector are available. Anti-glare accessory provides maximum eye comfort. Trimless installation downlight and accessory are available.

Features



Automatic Push-to-Back system during installation
Intelligent adjustment mechanism guarantees precise angle

SRF 100
page 132



SRW 100
page 152



Order options

SYSTEM POWER

15W
21W

COLOUR TEMPERATURE

2700K
3000K
4000K

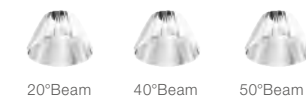
COLOUR RENDERING INDEX

CRI 80
CRI 90

ELECTRICAL

non DIM
phase DIM
1-10V
DALI

PRIMARY REFLECTOR



TRIM



Trim (Standard)

TRIMLESS



European Version



American Version

ANTI-GLARE ACCESSORY



Honeycomb mesh

SECONDARY REFLECTOR



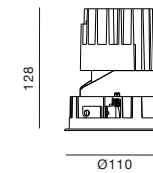
Specular Chrome Black White



Matt .Black Gold

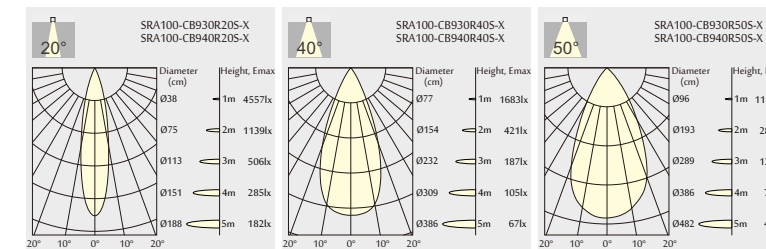
SRA100

3000K
(Standard)



Light distribution for 3000K

13 W 850lm-900lm



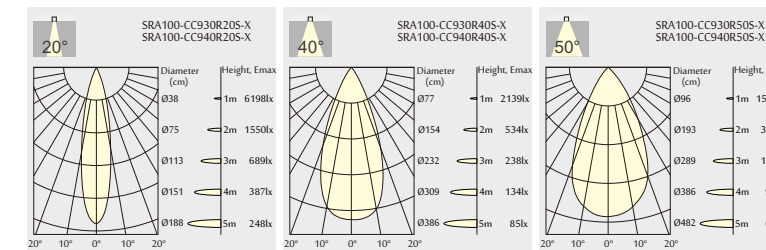
Order Information

SRA100 850-900 Lm MODELS (White trim, CITIZEN LED, Specular reflector)

Code	LED output	Module output	LED Voltage	LED Current	LED Power	System Power	CRI	CCT	BEAM
SRA100-CB930R20S-X	1300 lm	850 lm	36 V	350mA	13 W	15 W	90	3000K	20°
SRA100-CB940R20S-X	1400 lm	900 lm	36 V	350mA	13 W	15 W	90	4000K	20°
SRA100-CB930R40S-X	1300 lm	850 lm	36 V	350mA	13 W	15 W	90	3000K	40°
SRA100-CB940R40S-X	1400 lm	900 lm	36 V	350mA	13 W	15 W	90	4000K	40°
SRA100-CB930R50S-X	1300 lm	850 lm	36 V	350mA	13 W	15 W	90	3000K	50°
SRA100-CB940R50S-X	1400 lm	900 lm	36 V	350mA	13 W	15 W	90	4000K	50°

Remark: X=F (ON-OFF) X=P (Phase Dim) X=A (1-10V Dim) X=D (DALI Dim) X=N (Without Driver)

18 W 1100lm-1200lm

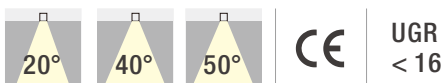


Order Information

SRA100 1100-1200 Lm MODELS (White trim, CITIZEN LED, Specular reflector)

Code	LED output	Module output	LED Voltage	LED Current	LED Power	System Power	CRI	CCT	BEAM
SRA100-CC930R20S-X	1700 lm	1100 lm	36 V	500mA	18 W	21 W	90	3000K	20°
SRA100-CC940R20S-X	1800 lm	1200 lm	36 V	500mA	18 W	21 W	90	4000K	20°
SRA100-CC930R40S-X	1700 lm	1100 lm	36 V	500mA	18 W	21 W	90	3000K	40°
SRA100-CC940R40S-X	1800 lm	1200 lm	36 V	500mA	18 W	21 W	90	4000K	40°
SRA100-CC930R50S-X	1700 lm	1100 lm	36 V	500mA	18 W	21 W	90	3000K	50°
SRA100-CC940R50S-X	1800 lm	1200 lm	36 V	500mA	18 W	21 W	90	4000K	50°

Remark: X=F (ON-OFF) X=P (Phase Dim) X=A (1-10V Dim) X=D (DALI Dim) X=N (Without Driver)

**Quickinfo****GENERAL**

recessed
adjustable
round

LED

COB LED module
2700K, 3000K, 4000K
CRI > 80, CRI > 90
Binning < 3-Step MacAdam

ESTIMATED LED LIFETIME

L80 / 50.000h

OPTICAL

direct illumination
beam angle 20°, 40°, 50°

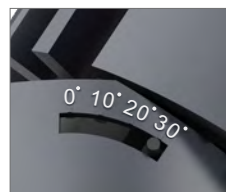
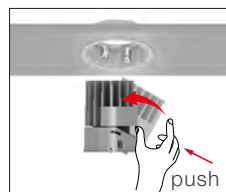
PHYSICAL

aluminium
wet painting
secondary reflector plastic

Function

Full range of adjustable downlight, five sizes with LED wattages 4W-38W. Precision engineered adjustment mechanism, easy to adjust to specific angle. 30° tilt and 355° rotation. Thermally engineered heatsink creates highly efficient passive cooling system.

Different colours of secondary reflector are available. Anti-glare accessory provides maximum eye comfort. Trimless installation downlight and accessory are available.

Features

Automatic Push-to-Back system during installation
Intelligent adjustment mechanism guarantees precise angle

Order options**SYSTEM POWER**

21W
28W

COLOUR TEMPERATURE

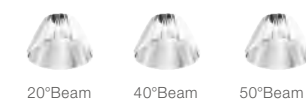
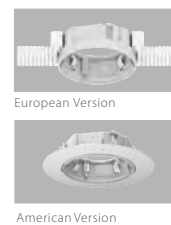
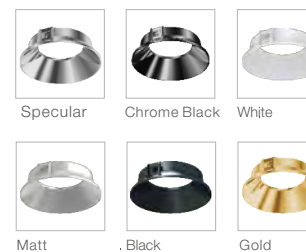
2700K
3000K
4000K

COLOUR RENDERING INDEX

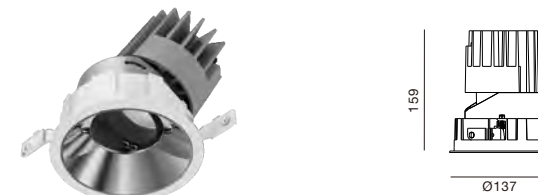
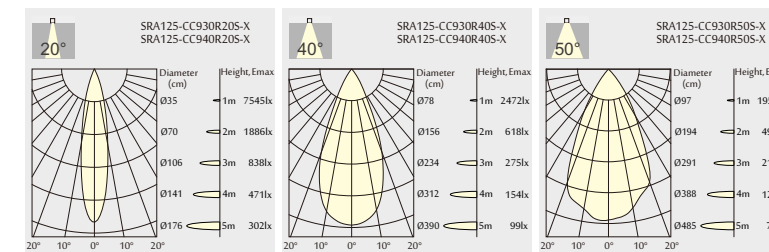
CRI 80
CRI 90

ELECTRICAL

non DIM
phase DIM
1-10V
DALI

PRIMARY REFLECTOR**TRIM****TRIMLESS****ANTI-GLARE ACCESSORY****SECONDARY REFLECTOR****SRA125**

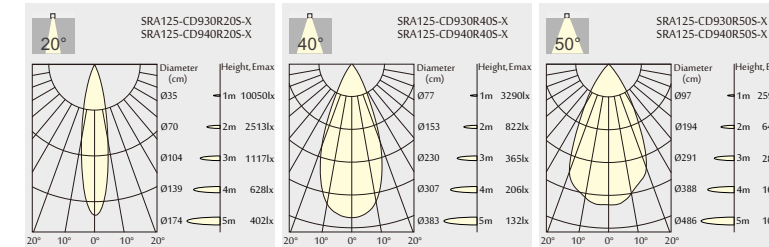
3000K
(Standard)

**Light distribution for 3000K****18 W 1300lm-1400lm****Order Information**

SRA125 1300-1400 Lm MODELS (White trim, CITIZEN LED, Specular reflector)

Code	LED output	Module output	LED Voltage	LED Current	LED Power	System Power	CRI	CCT	BEAM
SRA125-CC930R20S-X	2000 lm	1300 lm	36 V	500mA	18 W	21 W	90	3000K	20°
SRA125-CC940R20S-X	2100 lm	1400 lm	36 V	500mA	18 W	21 W	90	4000K	20°
SRA125-CC930R40S-X	2000 lm	1300 lm	36 V	500mA	18 W	21 W	90	3000K	40°
SRA125-CC940R40S-X	2100 lm	1400 lm	36 V	500mA	18 W	21 W	90	4000K	40°
SRA125-CC930R50S-X	2000 lm	1300 lm	36 V	500mA	18 W	21 W	90	3000K	50°
SRA125-CC940R50S-X	2100 lm	1400 lm	36 V	500mA	18 W	21 W	90	4000K	50°

Remark: X=F (ON-OFF) X=P (Phase Dim) X=A (1-10V Dim) X=D (DALI Dim) X=N (Without Driver)

25 W 1700lm-1800lm**Order Information**

SRA125 1700-1800 Lm MODELS (White trim, CITIZEN LED, Specular reflector)

Code	LED output	Module output	LED Voltage	LED Current	LED Power	System Power	CRI	CCT	BEAM
SRA125-CD930R20S-X	2600 lm	1700 lm	36 V	700mA	25 W	28 W	90	3000K	20°
SRA125-CD940R20S-X	2700 lm	1800 lm	36 V	700mA	25 W	28 W	90	4000K	20°
SRA125-CD930R40S-X	2600 lm	1700 lm	36 V	700mA	25 W	28 W	90	3000K	40°
SRA125-CD940R40S-X	2700 lm	1800 lm	36 V	700mA	25 W	28 W	90	4000K	40°
SRA125-CD930R50S-X	2600 lm	1700 lm	36 V	700mA	25 W	28 W	90	3000K	50°
SRA125-CD940R50S-X	2700 lm	1800 lm	36 V	700mA	25 W	28 W	90	4000K	50°

Remark: X=F (ON-OFF) X=P (Phase Dim) X=A (1-10V Dim) X=D (DALI Dim) X=N (Without Driver)

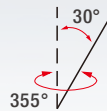
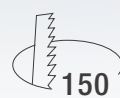
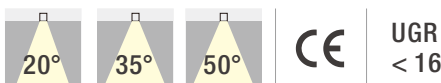
SRF 125

page 134

**SRW 125**

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Quickinfo

GENERAL

recessed
adjustable
round

LED

COB LED module
2700K, 3000K, 4000K
CRI > 80, CRI > 90
Binning < 3-Step MacAdam

ESTIMATED LED LIFETIME

L80 / 50,000h

OPTICAL

direct illumination
beam angle 20°, 35°, 50°

PHYSICAL

aluminium
wet painting
secondary reflector plastic

Function

Full range of adjustable downlight, five sizes with LED wattages 4W-38W. Precision engineered adjustment mechanism, easy to adjust to specific angle. 30° tilt and 355° rotation. Thermally engineered heatsink creates highly efficient passive cooling system.

Different colours of secondary reflector are available. Anti-glare accessory provides maximum eye comfort. Trimless installation downlight and accessory are available.

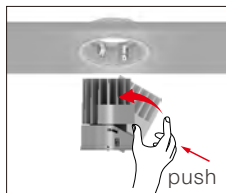
Features

SRF 150

page 136

SRW 150

page 156



Automatic Push-to-Back system during installation
Intelligent adjustment mechanism guarantees precise angle

Order options

SYSTEM POWER

28W
42W

COLOUR TEMPERATURE

2700K
3000K
4000K

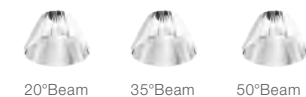
COLOUR RENDERING INDEX

CRI 80
CRI 90

ELECTRICAL

non DIM
phase DIM
1-10V
DALI

PRIMARY REFLECTOR



TRIM



Trim (Standard)

TRIMLESS



European Version



American Version

ANTI-GLARE ACCESSORY



Honeycomb mesh

SECONDARY REFLECTOR



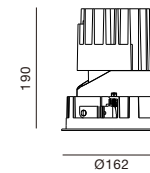
Specular Chrome Black White



Matt .Black Gold

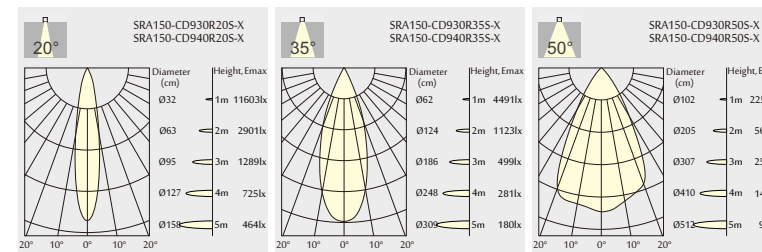
SRA150

3000K
(Standard)



Light distribution for 3000K

25W 1800lm-1900lm



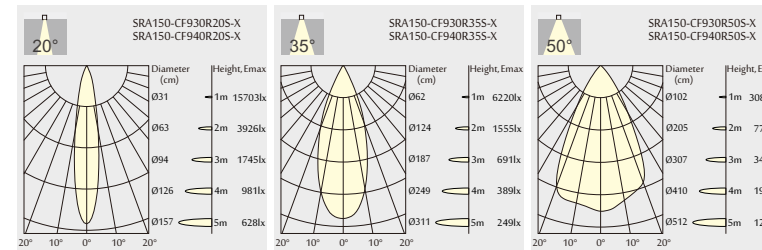
Order Information

SRA150 1800-1900 Lm MODELS (White trim, CITIZEN LED, Specular reflector)

Code	LED output	Module output	LED Voltage	LED Current	LED Power	System Power	CRI	CCT	BEAM
SRA150-CD930R20S-X	2700 lm	1800 lm	36 V	700mA	25 W	28 W	90	3000K	20°
SRA150-CD940R20S-X	2800 lm	1900 lm	36 V	700mA	25 W	28 W	90	4000K	20°
SRA150-CD930R35S-X	2700 lm	1800 lm	36 V	700mA	25 W	28 W	90	3000K	35°
SRA150-CD940R35S-X	2800 lm	1900 lm	36 V	700mA	25 W	28 W	90	4000K	35°
SRA150-CD930R50S-X	2700 lm	1800 lm	36 V	700mA	25 W	28 W	90	3000K	50°
SRA150-CD940R50S-X	2800 lm	1900 lm	36 V	700mA	25 W	28 W	90	4000K	50°

Remark: X=F (ON-OFF) X=P (Phase Dim) X=A (1-10V Dim) X=D (DALI Dim) X=N (Without Driver)

38 W 2500lm-2700lm



Order Information

SRA150 2500-2700 Lm MODELS (White trim, CITIZEN LED, Specular reflector)

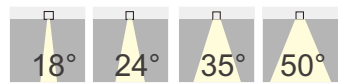
Code	LED output	Module output	LED Voltage	LED Current	LED Power	System Power	CRI	CCT	BEAM
SRA150-CF930R20S-X	3700 lm	2500 lm	36 V	1050mA	38 W	42 W	90	3000K	20°
SRA150-CF940R20S-X	3900 lm	2700 lm	36 V	1050mA	38 W	42 W	90	4000K	20°
SRA150-CF930R35S-X	3700 lm	2500 lm	36 V	1050mA	38 W	42 W	90	3000K	35°
SRA150-CF940R35S-X	3900 lm	2700 lm	36 V	1050mA	38 W	42 W	90	4000K	35°
SRA150-CF930R50S-X	3700 lm	2500 lm	36 V	1050mA	38 W	42 W	90	3000K	50°
SRA150-CF940R50S-X	3900 lm	2700 lm	36 V	1050mA	38 W	42 W	90	4000K	50°

Remark: X=F (ON-OFF) X=P (Phase Dim) X=A (1-10V Dim) X=D (DALI Dim) X=N (Without Driver)

START / SSA 45

LED Downlight

Adjustable



Quickinfo

GENERAL

recessed

adjustable

square

LED

SMD LED module

2700K, 3000K, 4000K

CRI > 80, CRI > 90

Binning < 3-Step MacAdam

ESTIMATED LED LIFETIME

L80 / 50,000h

OPTICAL

direct illumination

beam angle 18°, 24°, 35°, 50°

PHYSICAL

aluminium

wet painting

secondary reflector plastic

Function

Full range of adjustable downlight, five sizes with LED wattages 4W-38W. Precision engineered adjustment mechanism, easy to adjust to specific angle.

30° tilt and 355° rotation.

Thermally engineered heatsink creates highly efficient passive cooling system. Different colours of secondary reflector are available.

Anti-glare accessory provides maximum eye comfort.

Features

Twin SSA45

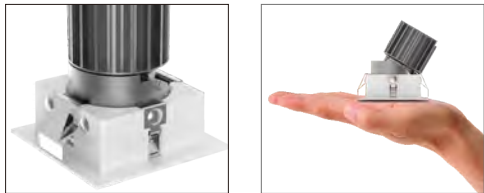
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Trip SSA45

page 105

Quadri SSA45

page 106



Miniature dimension with elegant design

Order options

SYSTEM POWER

6W

COLOUR TEMPERATURE

2700K

3000K

4000K

COLOUR RENDERING INDEX

CRI 80

CRI 90

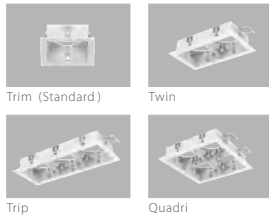
ELECTRICAL

non DIM

LENS



TRIM



ANTI-GLARE ACCESSORY



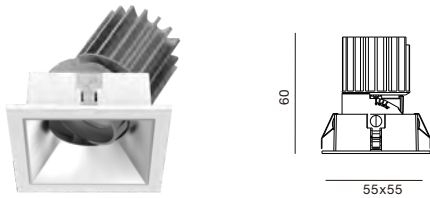
SECONDARY REFLECTOR



SSA45

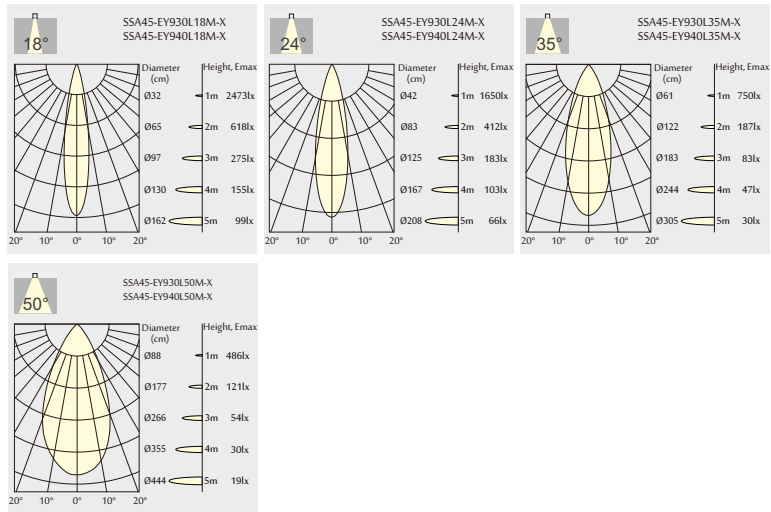
3000K

(Standard)



Light distribution for 3000K

4 W 350lm-380lm

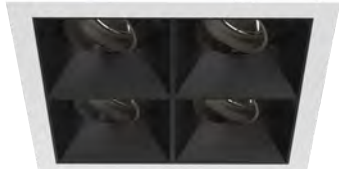
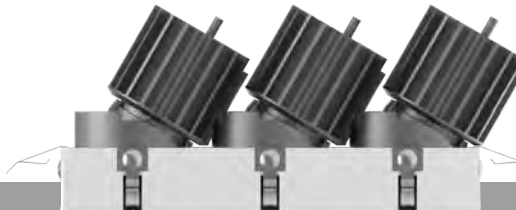
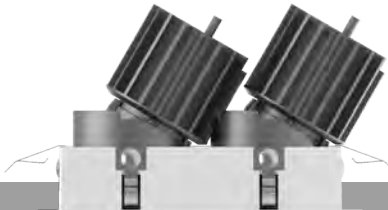
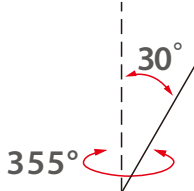
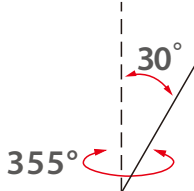


Order Information

SSA45 350-380 Lm MODELS (White trim, CREE LED, Matt reflector)

Code	LED output	Module output	LED Voltage	LED Current	LED Power	System Power	CRI	CCT	BEAM
SSA45-EY930L18M-X	500 lm	350 lm	12 V	350mA	4 W	6 W	90	3000K	18°
SSA45-EY940L18M-X	550 lm	380 lm	12 V	350mA	4 W	6 W	90	4000K	18°
SSA45-EY930L24M-X	500 lm	350 lm	12 V	350mA	4 W	6 W	90	3000K	24°
SSA45-EY940L24M-X	550 lm	380 lm	12 V	350mA	4 W	6 W	90	4000K	24°
SSA45-EY930L35M-X	500 lm	350 lm	12 V	350mA	4 W	6 W	90	3000K	35°
SSA45-EY940L35M-X	550 lm	380 lm	12 V	350mA	4 W	6 W	90	4000K	35°
SSA45-EY930L50M-X	500 lm	350 lm	12 V	350mA	4 W	6 W	90	3000K	50°
SSA45-EY940L50M-X	550 lm	380 lm	12 V	350mA	4 W	6 W	90	4000K	50°

Remark: X=F (ON-OFF) X=P (Phase Dim) X=A (1-10V Dim) X=D (DALI Dim) X=N (Without Driver)



Twin SSA45 

Trip SSA45 

Quadri SSA45 



White

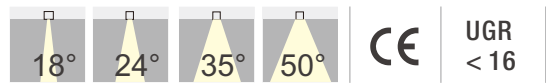


Matt

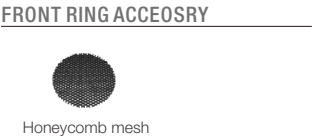


Black

START / TWIN SSA45
LED Downlight
Adjustable

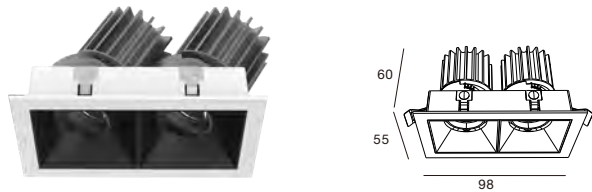


Order options



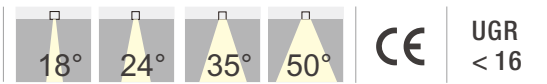
Twin SSA45

3000K
(Standard)

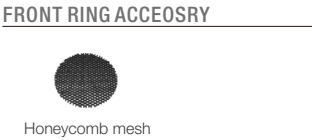


All technical datasheets are the same to SSA45 (page 100-101).

START / TRIP SSA45
LED Downlight
Adjustable

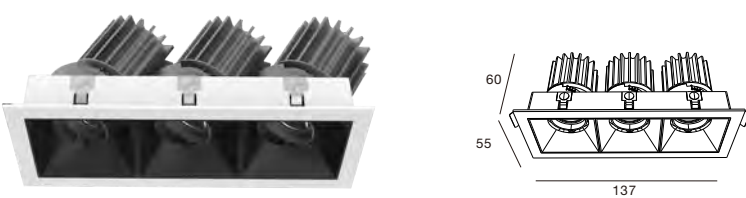


Order options



Trip SSA45

3000K
(Standard)



All technical datasheets are the same to SSA45 (page 100-101).

Recessed downlights

18°

24°

35°

50°

CE

UGR
< 16



Order options

TRIM

Trim (Standard)

FRONT RING ACCEOSRY

Honeycomb mesh

SECONDARY REFLECTOR

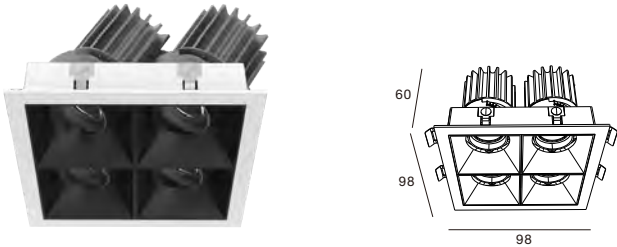
White

Matt

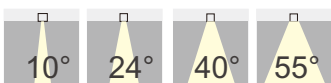
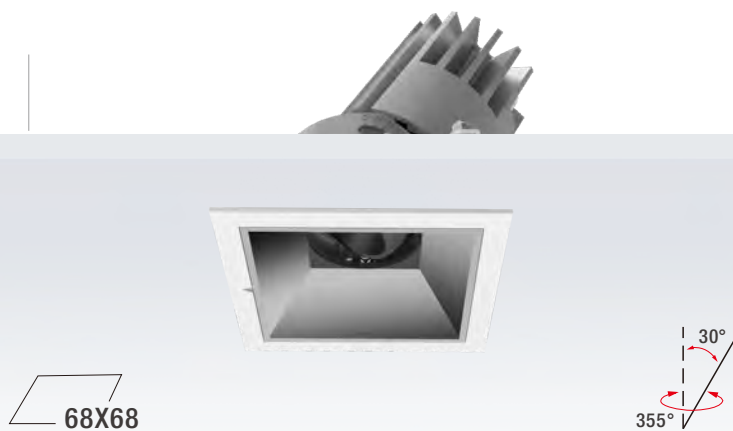
. Black

Quadri SSA45

3000K
(Standard)



All technical datasheets are the same to SSA45
(page 100-101).

UGR
< 16**Quickinfo****GENERAL**

recessed
adjustable
square

LED

COB/SMD LED module
2700K, 3000K, 4000K
CRI > 80, CRI>90
Binning < 3-Step MacAdam

ESTIMATED LED LIFETIME

L80 / 50.000h

OPTICAL

direct illumination
beam angle 10°, 24°, 40°, 55°

PHYSICAL

aluminium
wet painting
secondary reflector plastic

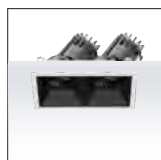
Function

Full range of adjustable downlight, five sizes with LED wattages 4W-38W. Precision engineered adjustment mechanism, easy to adjust to specific angle. 30° tilt and 355° rotation. Thermally engineered heatsink creates highly efficient passive cooling system.

Different colours of secondary reflector are available. Anti-glare accessory provides maximum eye comfort. Trimless installation downlight and accessory are available.

Features**Twin SSA68**

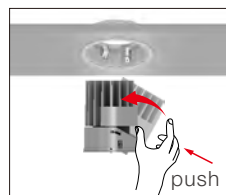
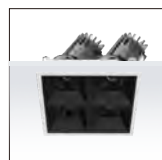
▶ page 112

**Trip SSA68**

▶ page 113

**Quadri SSA68**

▶ page 114



Automatic Push-to-Back system during installation
Intelligent adjustment mechanism guarantees precise angle

**Order options****SYSTEM POWER**

9W
10W
13W

COLOUR TEMPERATURE

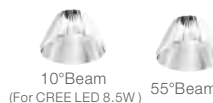
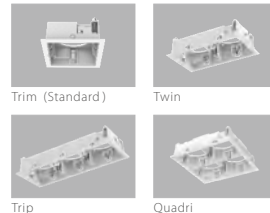
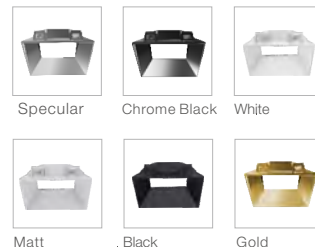
2700K
3000K
4000K

COLOUR RENDERING INDEX

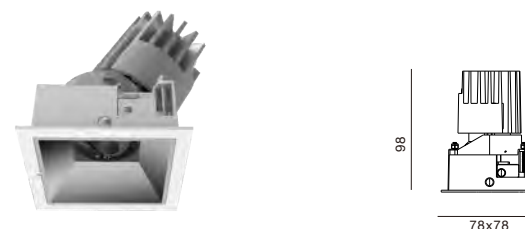
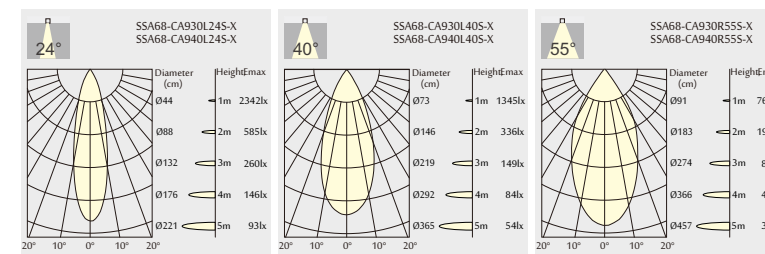
CRI 80
CRI 90

ELECTRICAL

non DIM
phase DIM
1-10V
DALI

LENS**PRIMARY REFLECTOR****TRIM****TRIMLESS****FRONT RING ACCEOSRY****SECONDARY REFLECTOR****SSA68**

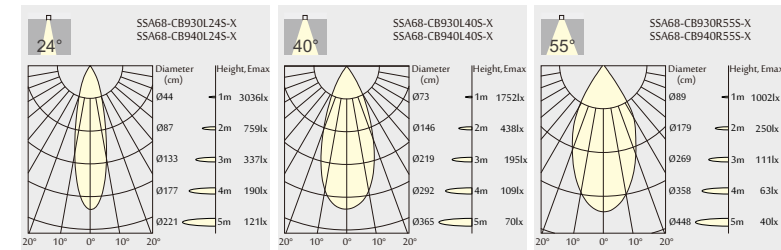
3000K
(Standard)

**Light distribution for 3000K****7.5 W 600lm-650lm****Order Information**

SSA68 600-650 Lm MODELS (White trim, CITIZEN LED, Specular reflector)

Code	LED output	Module output	LED Voltage	LED Current	LED Power	System Power	CRI	CCT	BEAM
SSA68-CA930L24S-X	850 lm	600 lm	31 V	250mA	7.5 W	9 W	90	3000K	24°
SSA68-CA940L24S-X	900 lm	650 lm	31 V	250mA	7.5 W	9 W	90	4000K	24°
SSA68-CA930L40S-X	850 lm	600 lm	31 V	250mA	7.5 W	9 W	90	3000K	40°
SSA68-CA940L40S-X	900 lm	650 lm	31 V	250mA	7.5 W	9 W	90	4000K	40°
SSA68-CA930R55S-X	850 lm	500 lm	31 V	250mA	7.5 W	9 W	90	3000K	55°
SSA68-CA940R55S-X	900 lm	550 lm	31 V	250mA	7.5 W	9 W	90	4000K	55°

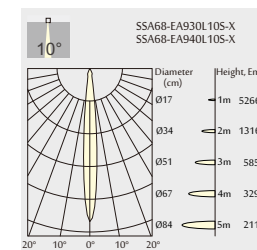
Remark: X=F (ON-OFF) X=P (Phase Dim) X=A (1-10V Dim) X=D (DALI Dim) X=N (Without Driver)

11 W 800lm-850lm**Order Information**

SSA68 800-850 Lm MODELS (White trim, CITIZEN LED, Specular reflector)

Code	LED output	Module output	LED Voltage	LED Current	LED Power	System Power	CRI	CCT	BEAM
SSA68-CB930L24S-X	1100 lm	800 lm	31 V	350mA	11 W	13 W	90	3000K	24°
SSA68-CB940L24S-X	1200 lm	850 lm	31 V	350mA	11 W	13 W	90	4000K	24°
SSA68-CB930L40S-X	1100 lm	800 lm	31 V	350mA	11 W	13 W	90	3000K	40°
SSA68-CB940L40S-X	1200 lm	850 lm	31 V	350mA	11 W	13 W	90	4000K	40°
SSA68-CB930R55S-X	1100 lm	650 lm	31 V	350mA	11 W	13 W	90	3000K	55°
SSA68-CB940R55S-X	1200 lm	700 lm	31 V	350mA	11 W	13 W	90	4000K	55°

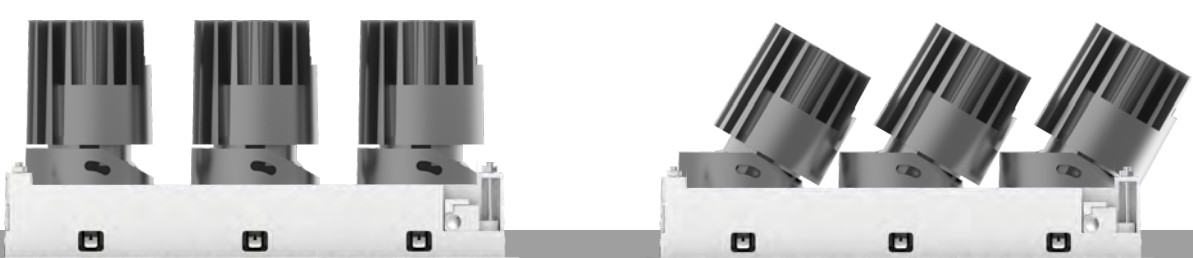
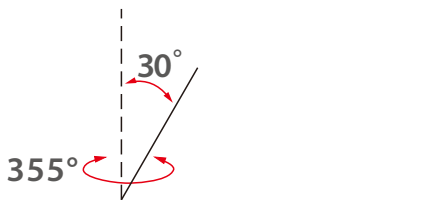
Remark: X=F (ON-OFF) X=P (Phase Dim) X=A (1-10V Dim) X=D (DALI Dim) X=N (Without Driver)

8.5 W 350lm-380lm**Narrow Spot Beam Version****Order Information**

SSA68 350-380 Lm MODELS (White trim, CREE LED, Specular reflector)

Code	LED output	Module output	CD	LED Voltage	LED Current	LED Power	System Power	CRI	CCT	BEAM
SSA68-EA930L10S-X	600 lm	350 lm	5268 cd	12 V	700mA	8.5 W	10 W	90	3000K	10°
SSA68-EA940L10S-X	650 lm	380 lm	5385 cd	12 V	700mA	8.5 W	10 W	90	4000K	10°

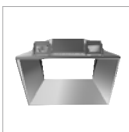
Remark: X=F (ON-OFF) X=P (Phase Dim) X=A (1-10V Dim) X=D (DALI Dim) X=N (Without Driver)



Twin SSA68  134*68

Trip SSA68  198*68

Quadri SSA68  134*134



Specular



Chrome Black



White



Matt

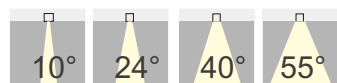


Black



Gold

START / TWIN SSA68
LED Downlight
Adjustable



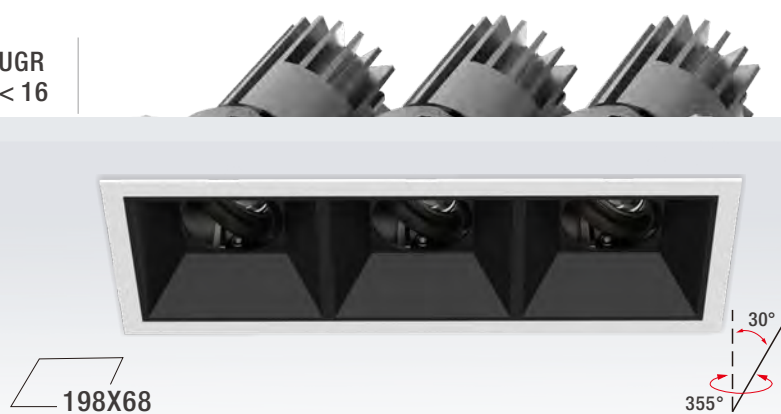
UGR
< 16



START / TRIP SSA68
LED Downlight
Adjustable



UGR
< 16



Recessed downlights

Order options

TRIM



Trim (Standard)

TRIMLESS



European Version



American Version

FRONT RING ACCEOSRY



Honeycomb mesh

SECONDARY REFLECTOR



Specular



Chrome Black



White



Matt



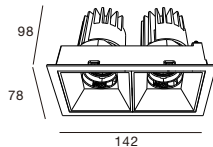
, Black



Gold

Twin SSA68

3000K
(Standard)



Order options

TRIM



Trim (Standard)

TRIMLESS



European Version



American Version

FRONT RING ACCEOSRY



Honeycomb mesh

SECONDARY REFLECTOR



Specular



Chrome Black



White



Matt



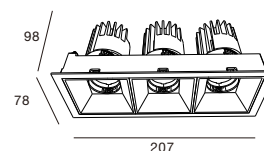
, Black



Gold

Trip SSA68

3000K
(Standard)



All technical datasheets are the same to SSA68
(page 108-109).

All technical datasheets are the same to SSA68
(page 108-109).

10°

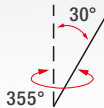
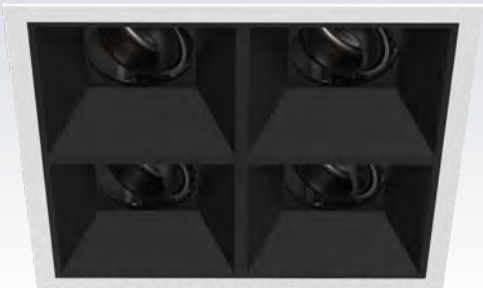
24°

40°

55°

UGR
< 16

134X134



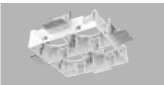
Order options

TRIM



Trim (Standard)

TRIMLESS



European Version

FRONT RING ACCEOSRY



Honeycomb mesh

SECONDARY REFLECTOR



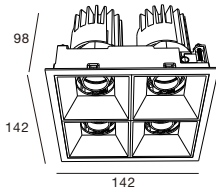
Specular Chrome Black White



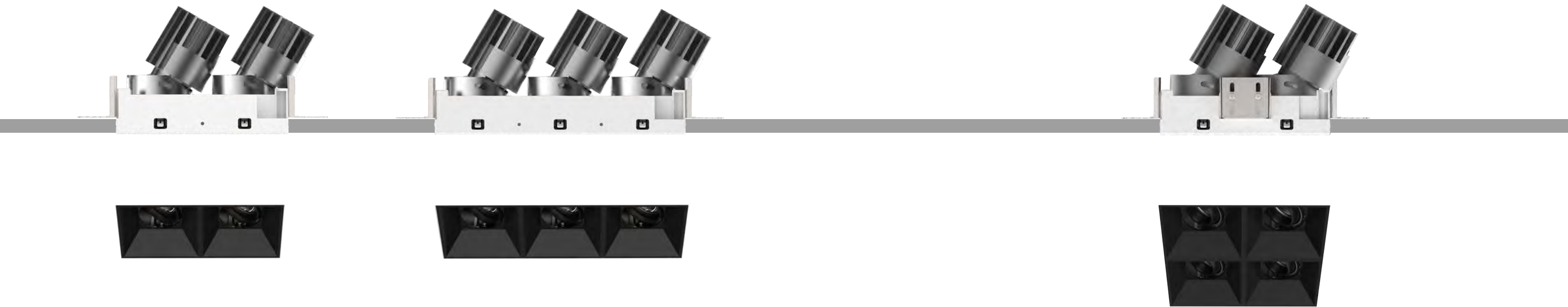
Matt , Black Gold

Quadri SSA68

3000K
(Standard)

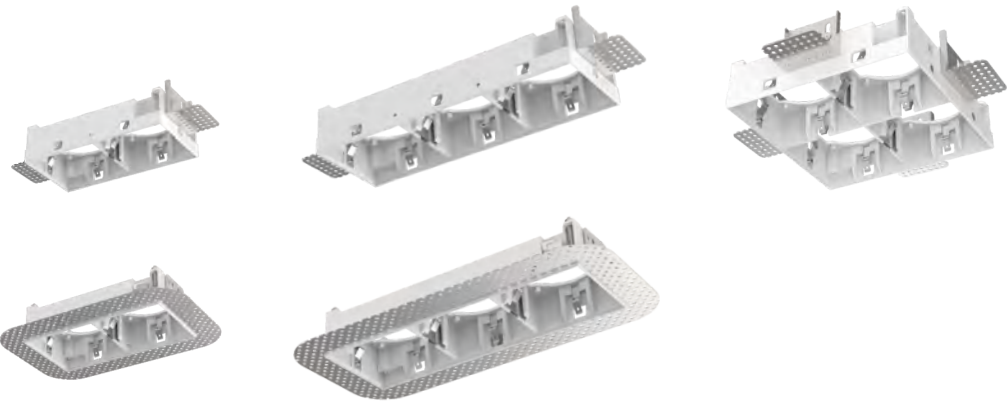


All technical datasheets are the same to SSA68
(page 108-109).



Trimless Version Available

Make your downlight invisible in the ceiling, fit for 12.5mm and 25mm thickness ceiling
Interchangeable downlight fixture and trimless accessory.

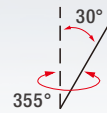
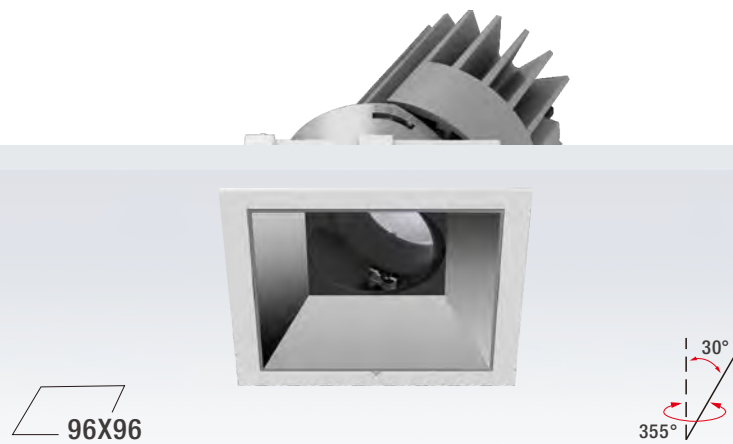
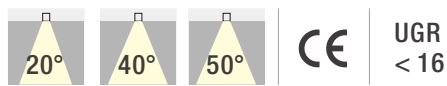


European Version

American Version



Specular Chrome Black White Matt Black Gold

**Quickinfo****GENERAL**

recessed
adjustable
square

LED

COB LED module
2700K, 3000K, 4000K
CRI > 80, CRI > 90
Binning < 3-Step MacAdam

ESTIMATED LED LIFETIME

L80 / 50.000h

OPTICAL

direct illumination
beam angle 20°, 40°, 50°

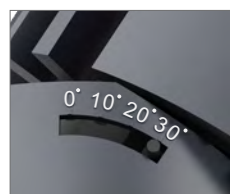
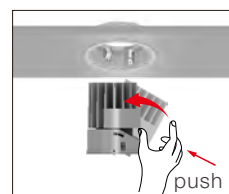
PHYSICAL

aluminium
wet painting
secondary reflector plastic

Function

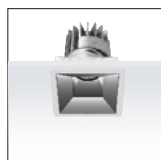
Full range of adjustable downlight, five sizes with LED wattages 4W-38W. Precision engineered adjustment mechanism, easy to adjust to specific angle. 30° tilt and 355° rotation. Thermally engineered heatsink creates highly efficient passive cooling system.

Different colours of secondary reflector are available. Anti-glare accessory provides maximum eye comfort. Trimless installation downlight and accessory are available.

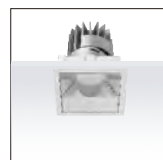
Features

Automatic Push-to-Back system during installation
Intelligent adjustment mechanism guarantees precise angle

SSF 100
page 138



SSW 100
page 158

**Order options****SYSTEM POWER**

15W
21W

COLOUR TEMPERATURE

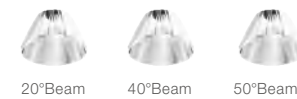
2700K
3000K
4000K

COLOUR RENDERING INDEX

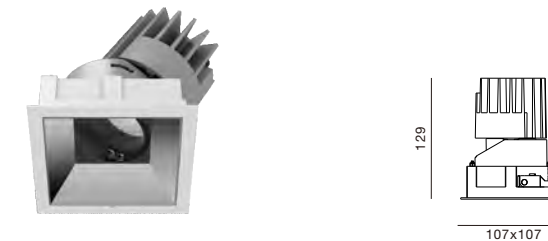
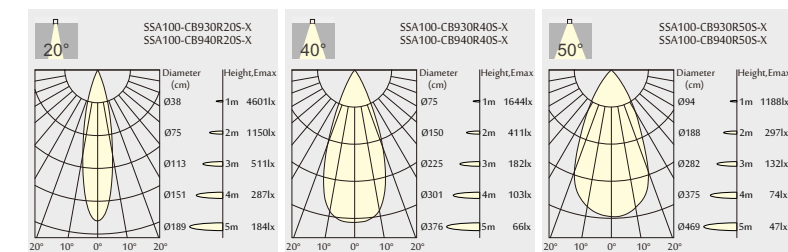
CRI 80
CRI 90

ELECTRICAL

non DIM
phase DIM
1-10V
DALI

PRIMARY REFLECTOR**TRIM****TRIMLESS****ANTI-GLARE ACCESSORY****SECONDARY REFLECTOR****SSA100**

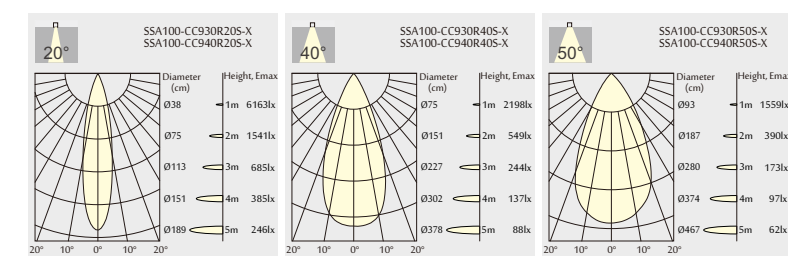
3000K
(Standard)

**Light distribution for 3000K****13 W 850lm-900lm****Order Information**

SSA100 850-900 Lm MODELS (White trim, CITIZEN LED, Specular reflector)

Code	LED output	Module output	LED Voltage	LED Current	LED Power	System Power	CRI	CCT	BEAM
SSA100-CB930R20S-X	1300 lm	850 lm	36 V	350mA	13 W	15 W	90	3000K	20°
SSA100-CB940R20S-X	1400 lm	900 lm	36 V	350mA	13 W	15 W	90	4000K	20°
SSA100-CB930R40S-X	1300 lm	850 lm	36 V	350mA	13 W	15 W	90	3000K	40°
SSA100-CB940R40S-X	1400 lm	900 lm	36 V	350mA	13 W	15 W	90	4000K	40°
SSA100-CB930R50S-X	1300 lm	850 lm	36 V	350mA	13 W	15 W	90	3000K	50°
SSA100-CB940R50S-X	1400 lm	900 lm	36 V	350mA	13 W	15 W	90	4000K	50°

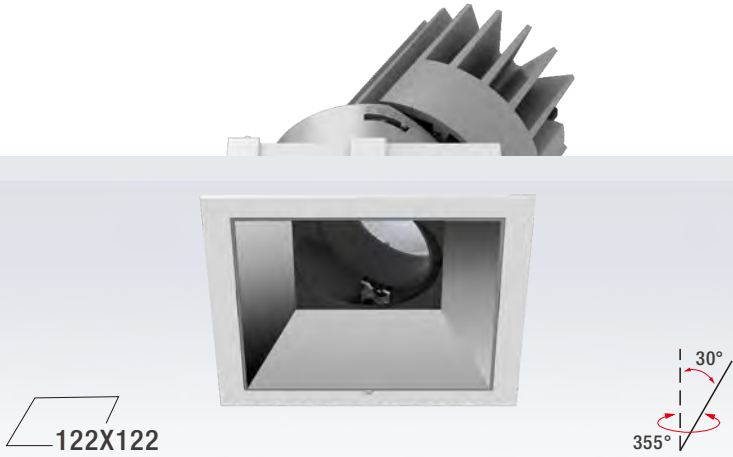
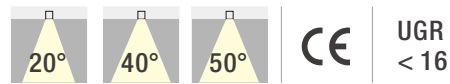
Remark: X=F (ON-OFF) X=P (Phase Dim) X=A (1-10V Dim) X=D (DALI Dim) X=N (Without Driver)

18 W 1100lm-1200lm**Order Information**

SSA100 1100-1200 Lm MODELS (White trim, CITIZEN LED, Specular reflector)

Code	LED output	Module output	LED Voltage	LED Current	LED Power	System Power	CRI	CCT	BEAM
SSA100-CC930R20S-X	1700 lm	1100 lm	36 V	500mA	18 W	21 W	90	3000K	20°
SSA100-CC940R20S-X	1800 lm	1200 lm	36 V	500mA	18 W	21 W	90	4000K	20°
SSA100-CC930R40S-X	1700 lm	1100 lm	36 V	500mA	18 W	21 W	90	3000K	40°
SSA100-CC940R40S-X	1800 lm	1200 lm	36 V	500mA	18 W	21 W	90	4000K	40°
SSA100-CC930R50S-X	1700 lm	1100 lm	36 V	500mA	18 W	21 W	90	3000K	50°
SSA100-CC940R50S-X	1800 lm	1200 lm	36 V	500mA	18 W	21 W	90	4000K	50°

Remark: X=F (ON-OFF) X=P (Phase Dim) X=A (1-10V Dim) X=D (DALI Dim) X=N (Without Driver)



Quickinfo

GENERAL
recessed
adjustable
square

LED
COB LED module
2700K, 3000K, 4000K
CRI > 80, CRI>90
Binning < 3-Step MacAdam

ESTIMATED LED LIFETIME
L80 / 50.000h

OPTICAL
direct illumination
beam angle 20°, 40°, 50°

PHYSICAL
aluminium
wet painting
secondary reflector plastic

Function

Full range of adjustable downlight, five sizes with LED wattages4W-38W. Precision engineered adjustment mechanism, easy to adjust to specific angle. 30° tilt and 355° rotation. Thermally engineered heatsink creates highly efficient passive cooling system.

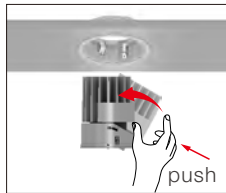
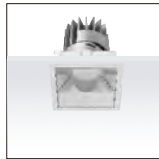
Different colours of secondary reflector are available. Anti-glare accessory provides maximum eye comfort. Trimless installation downlight and accessory are available.

Features

SSF 125
page 140



SSW 125
page 160



Automatic Push-to-Back system during installation
Intelligent adjustment mechanism guarantees precise angle

Order options

SYSTEM POWER

21W
28W

COLOUR TEMPERATURE

2700K
3000K
4000K

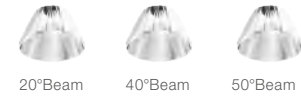
COLOUR RENDERING INDEX

CRI 80
CRI 90

ELECTRICAL

non DIM
phase DIM
1-10V
DALI

PRIMARY REFLECTOR



TRIM



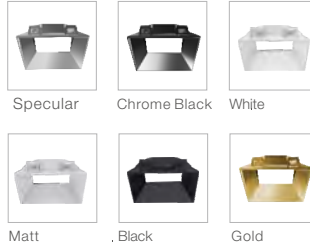
TRIMLESS



ANTI-GLARE ACCESSORY

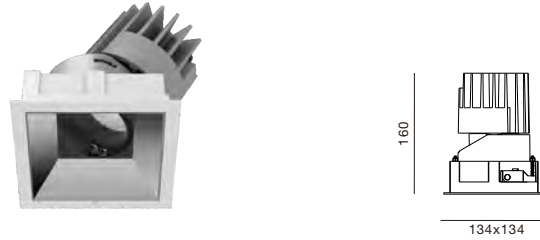


SECONDARY REFLECTOR



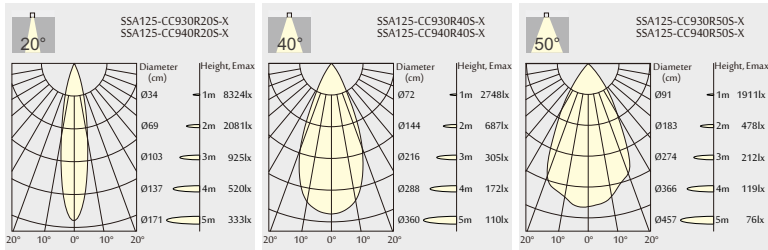
SSA125

3000K
(Standard)



Light distribution for 3000K

18 W 1300lm-1400lm

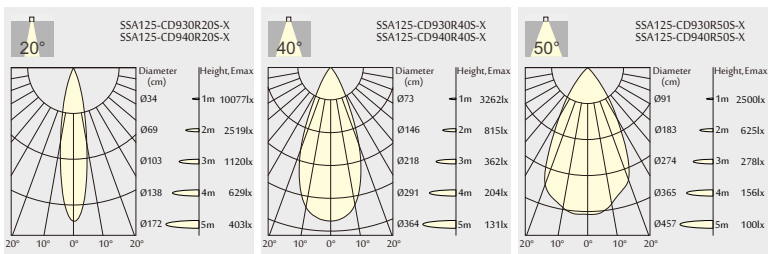


Order Information

SSA125 1300-1400 Lm MODELS (White trim, CITIZEN LED, Specular reflector)										
Code	LED output	Module output	LED Voltage	LED Current	LED Power	System Power	CRI	CCT	BEAM	
SSA125-CC930R20S-X	2000 lm	1300 lm	36 V	500mA	18 W	21 W	90	3000K	20°	
SSA125-CC940R20S-X	2100 lm	1400 lm	36 V	500mA	18 W	21 W	90	4000K	20°	
SSA125-CC930R40S-X	2000 lm	1300 lm	36 V	500mA	18 W	21 W	90	3000K	40°	
SSA125-CC940R40S-X	2100 lm	1400 lm	36 V	500mA	18 W	21 W	90	4000K	40°	
SSA125-CC930R50S-X	2000 lm	1300 lm	36 V	500mA	18 W	21 W	90	3000K	50°	
SSA125-CC940R50S-X	2100 lm	1400 lm	36 V	500mA	18 W	21 W	90	4000K	50°	

Remark: X=F (ON-OFF) X=P (Phase Dim) X=A (1-10V Dim) X=D (DALI Dim) X=N (Without Driver)

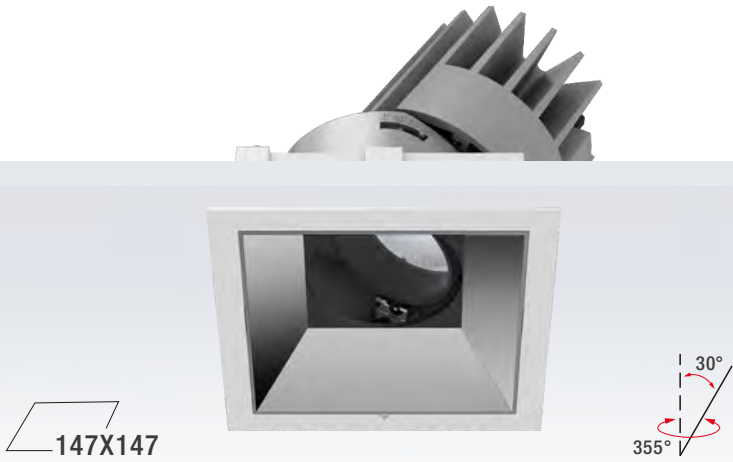
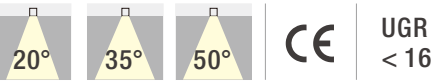
25W 1700lm-1800lm



Order Information

SSA125 1700-1800 Lm MODELS (White trim, CITIZEN LED, Specular reflector)										
Code	LED output	Module output	LED Voltage	LED Current	LED Power	System Power	CRI	CCT	BEAM	
SSA125-CD930R20S-X	2600 lm	1700 lm	36 V	700mA	25 W	28 W	90	3000K	20°	
SSA125-CD940R20S-X	2700 lm	1800 lm	36 V	700mA	25 W	28 W	90	4000K	20°	
SSA125-CD930R40S-X	2600 lm	1700 lm	36 V	700mA	25 W	28 W	90	3000K	40°	
SSA125-CD940R40S-X	2700 lm	1800 lm	36 V	700mA	25 W	28 W	90	4000K	40°	
SSA125-CD930R50S-X	2600 lm	1700 lm	36 V	700mA	25 W	28 W	90	3000K	50°	
SSA125-CD940R50S-X	2700 lm	1800 lm	36 V	700mA	25 W	28 W	90	4000K	50°	

Remark: X=F (ON-OFF) X=P (Phase Dim) X=A (1-10V Dim) X=D (DALI Dim) X=N (Without Driver)



Quickinfo

GENERAL

recessed
adjustable
square

LED

COB LED module
2700K, 3000K, 4000K
CRI > 80, CRI > 90
Binning < 3-Step MacAdam

ESTIMATED LED LIFETIME

L80 / 50,000h

OPTICAL

direct illumination
beam angle 20°, 35°, 50°

PHYSICAL

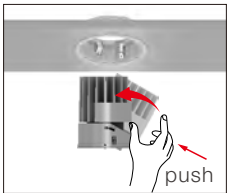
aluminium
wet painting
secondary reflector plastic

Function

Full range of adjustable downlight, five sizes with LED wattages 4W-38W. Precision engineered adjustment mechanism, easy to adjust to specific angle. 30° tilt and 355° rotation. Thermally engineered heatsink creates highly efficient passive cooling system.

Different colours of secondary reflector are available. Anti-glare accessory provides maximum eye comfort. Trimless installation downlight and accessory are available.

Features

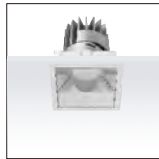


Automatic Push-to-Back system during installation
Intelligent adjustment mechanism guarantees precise angle

SSF 150
page 142



SSW 150
page 162



Order options

SYSTEM POWER

28W
42W

COLOUR TEMPERATURE

2700K
3000K
3000K

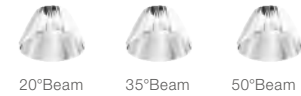
COLOUR RENDERING INDEX

CRI 80
CRI 90

ELECTRICAL

non DIM
phase DIM
1-10V
DALI

PRIMARY REFLECTOR



TRIM



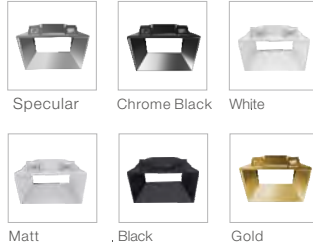
TRIMLESS



ANTI-GLARE ACCESSORY



SECONDARY REFLECTOR



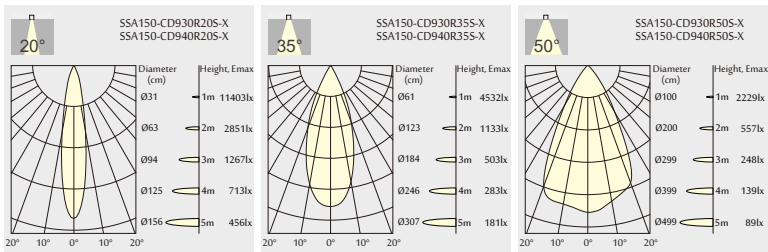
SSA150

3000K
(Standard)



Light distribution for 3000K

25 W 1800lm-1900lm

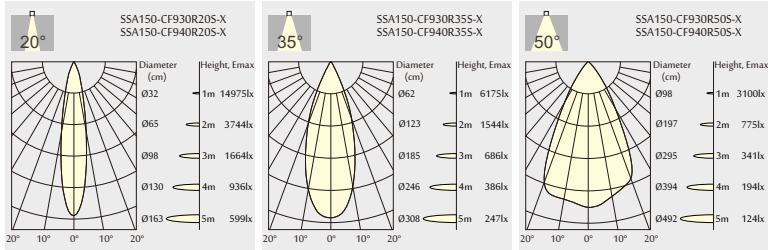


Order Information

SSA150 1800-1900 Lm MODELS (White trim, CITIZEN LED, Specular reflector)										
Code	LED output	Module output	LED Voltage	LED Current	LED Power	System Power	CRI	CCT	BEAM	
SSA150-CD930R20S-X	2700 lm	1800 lm	36 V	700mA	25 W	28 W	90	3000K	20°	
SSA150-CD940R20S-X	2800 lm	1900 lm	36 V	700mA	25 W	28 W	90	4000K	20°	
SSA150-CD930R35S-X	2700 lm	1800 lm	36 V	700mA	25 W	28 W	90	3000K	35°	
SSA150-CD940R35S-X	2800 lm	1900 lm	36 V	700mA	25 W	28 W	90	4000K	35°	
SSA150-CD930R50S-X	2700 lm	1800 lm	36 V	700mA	25 W	28 W	90	3000K	50°	
SSA150-CD940R50S-X	2800 lm	1900 lm	36 V	700mA	25 W	28 W	90	4000K	50°	

Remark: X=F (ON-OFF) X=P (Phase Dim) X=A (1-10V Dim) X=D (DALI Dim) X=N (Without Driver)

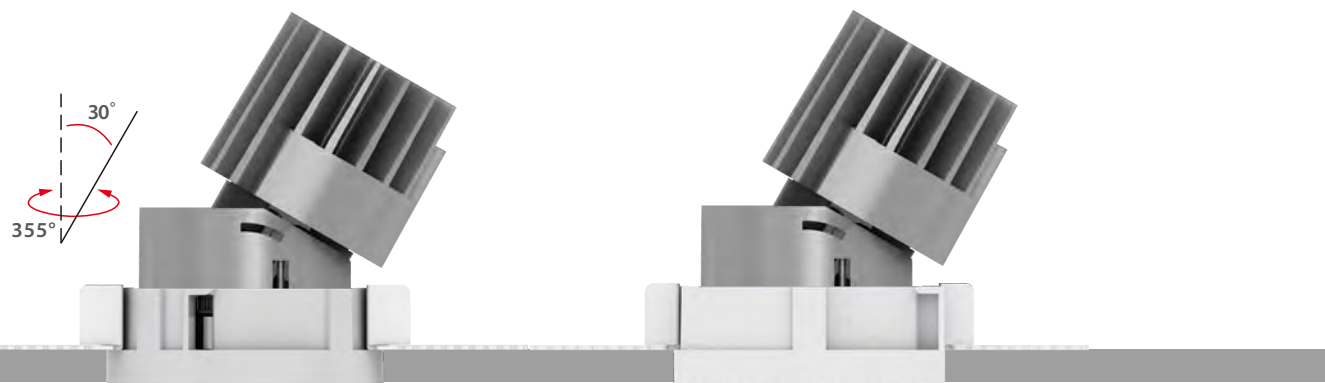
38W 2500lm-2700lm



Order Information

SSA150 2500-2700 Lm MODELS (White trim, CITIZEN LED, Specular reflector)										
Code	LED output	Module output	LED Voltage	LED Current	LED Power	System Power	CRI	CCT	BEAM	
SSA150-CF930R20S-X	3700 lm	2500 lm	36 V	1050mA	38 W	42 W	90	3000K	20°	
SSA150-CF940R20S-X	3900 lm	2700 lm	36 V	1050mA	38 W	42 W	90	4000K	20°	
SSA150-CF930R35S-X	3700 lm	2500 lm	36 V	1050mA	38 W	42 W	90	3000K	35°	
SSA150-CF940R35S-X	3900 lm	2700 lm	36 V	1050mA	38 W	42 W	90	4000K	35°	
SSA150-CF930R50S-X	3700 lm	2500 lm	36 V	1050mA	38 W	42 W	90	3000K	50°	
SSA150-CF940R50S-X	3900 lm	2700 lm	36 V	1050mA	38 W	42 W	90	4000K	50°	

Remark: X=F (ON-OFF) X=P (Phase Dim) X=A (1-10V Dim) X=D (DALI Dim) X=N (Without Driver)



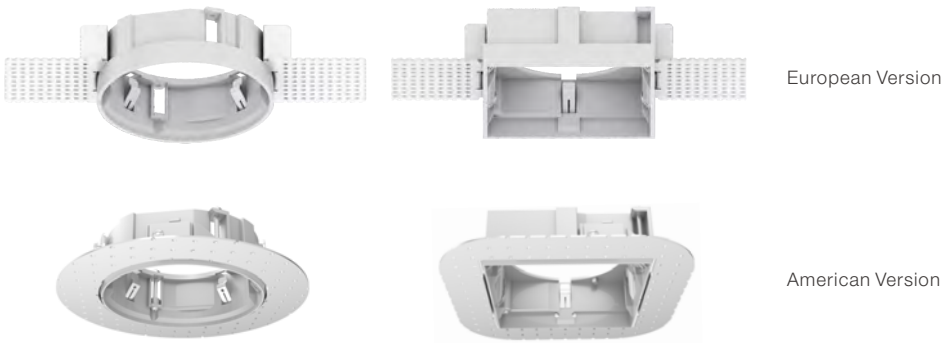
TRA68
TRA100
TRA125
TRA150



TSA68
TSA100
TSA125
TSA150

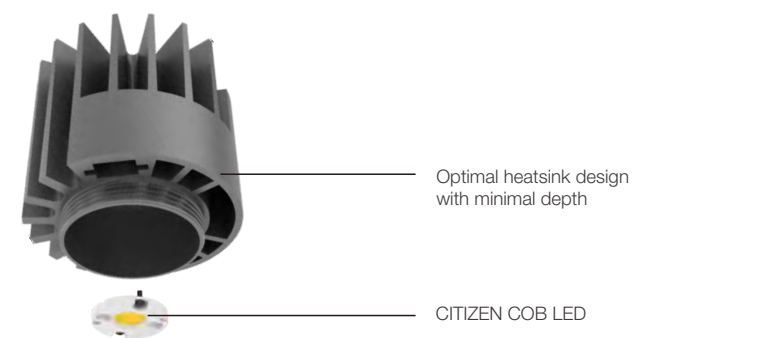
Trimless Version Available

Make your downlight invisible in the ceiling, fit for 12.5mm and 25mm thickness ceiling
Interchangeable downlight fixture and trimless accessory.
All technical datasheets are the same as adjustable series downlight (SRA and SSA, page 088- 105).

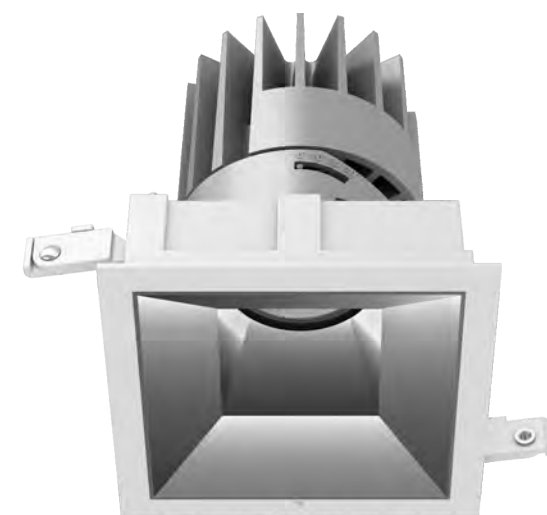
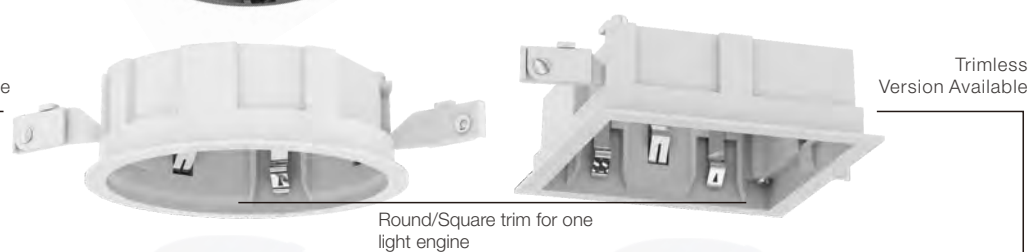




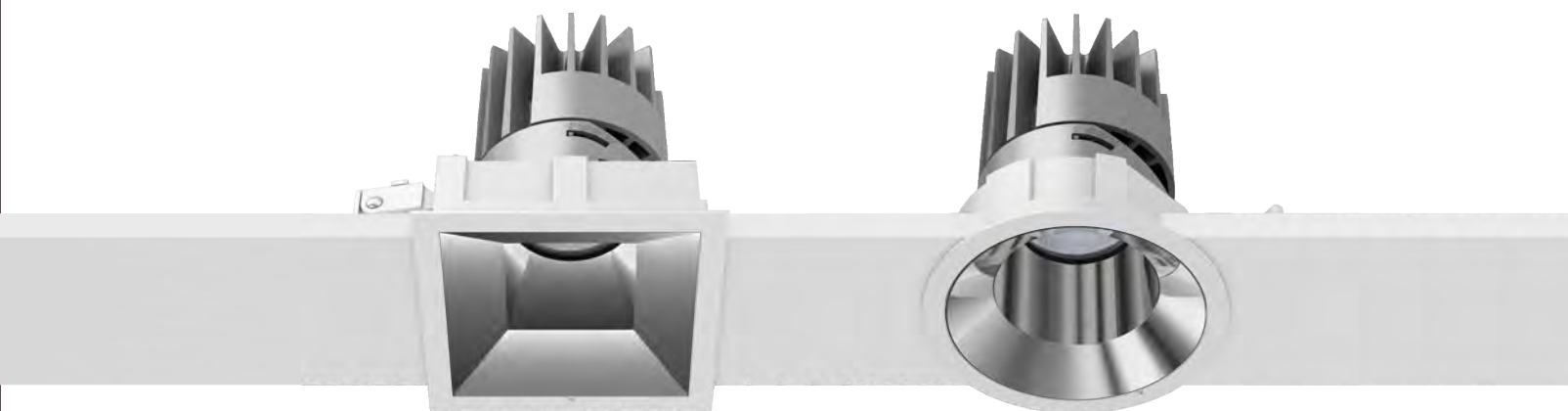
Meticulous to detail
Interchangeable design
Best optics control
Guarantee maximal eye comfort



Trimless
Version Available

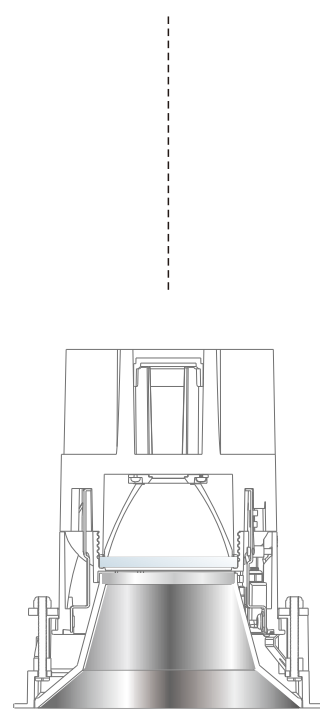
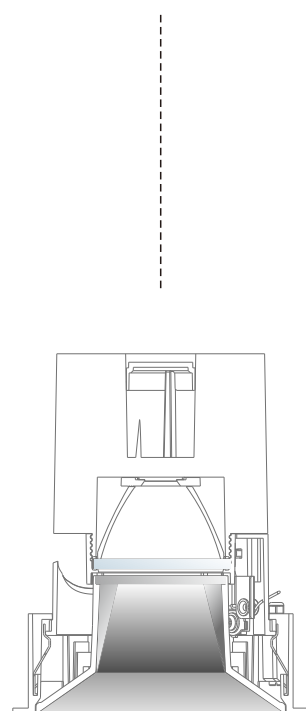


Recessed downlights



A versatile accent lighting solution.

Aesthetic design for architectural request.



Aesthetic design trim available in round or square shape.
Three sizes with LED wattages 13W-38W.
Deep recessed secondary reflector generates visual comfort



SRF100 100



SRF125 125



SRF150 150



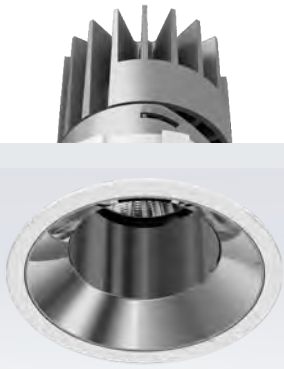
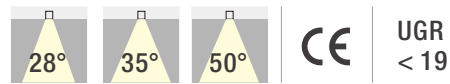
SSF100 96X96



SSF125 122X122



SSF150 147X147



Quickinfo

GENERAL

recessed
fixed
round

LED

COB LED module
2700K, 3000K, 4000K
CRI > 80, CRI > 90
Bining < 3-Step MacAdam

ESTIMATED LED LIFETIME

L80 / 50,000h

OPTICAL

direct illumination
beam angle 28°, 35°, 50°

PHYSICAL

aluminium
wet painting
secondary reflector plastic

Function

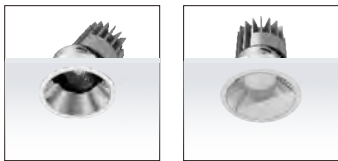
Deep recessed secondary reflector enhances visual comfort.
Thermally engineered heatsink creates highly efficient passive cooling system.
Different colours of secondary reflector are available.

Anti-glare accessory provides maximum eye comfort.
Trimless installation downlight and accessory are available.

Features

SRA 100
page 094

SRW 100
page 152



Deep recessed reflector provides more eye comfort
Reliable fixing mechanism with unique spring clip design

Order options

SYSTEM POWER

15W
21W

COLOUR TEMPERATURE

2700K
3000K
4000K

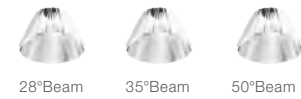
COLOR RENDERING INDEX

CRI 80
CRI 90

ELECTRICAL

non DIM
phase DIM
1-10V
DALI

PRIMARY REFLECTOR



TRIM



Trim (Standard)

TRIMLESS



European Version

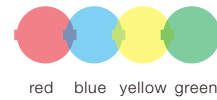


American Version

SECONDARY REFLECTOR

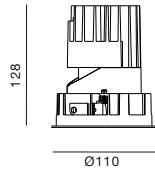


COLOUR FILM



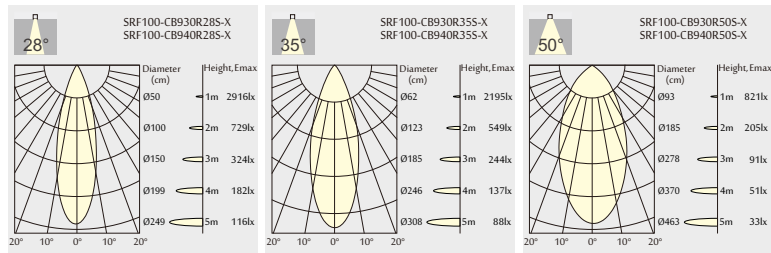
SRF100

3000K
(Standard)



Light distribution for 3000K

13 W 900lm-950lm

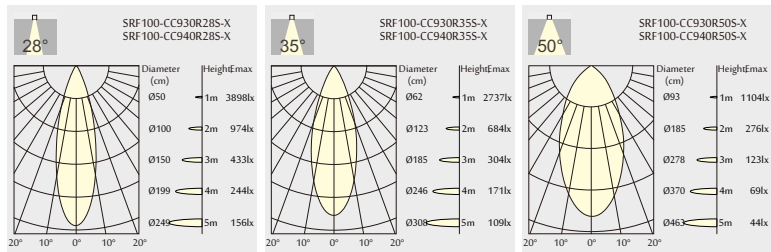


Order Information

SRF100 900-950 Lm MODELS (White trim, CITIZEN LED, Specular reflector)									
Code	LED output	Module output	LED Voltage	LED Current	LED Power	System Power	CRI	CCT	BEAM
SRF100-CB930R28S-X	1300 lm	900 lm	36 V	350mA	13 W	15 W	90	3000K	28°
SRF100-CB940R28S-X	1400 lm	950 lm	36 V	350mA	13 W	15 W	90	4000K	28°
SRF100-CB930R35S-X	1300 lm	900 lm	36 V	350mA	13 W	15 W	90	3000K	35°
SRF100-CB940R35S-X	1400 lm	950 lm	36 V	350mA	13 W	15 W	90	4000K	35°
SRF100-CB930R50S-X	1300 lm	900 lm	36 V	350mA	13 W	15 W	90	3000K	50°
SRF100-CB940R50S-X	1400 lm	950 lm	36 V	350mA	13 W	15 W	90	4000K	50°

Remark: X=F (ON-OFF) X=P (Phase Dim) X=A (1-10V Dim) X=D (DALI Dim) X=N (Without Driver)

18 W 1200lm-1300lm

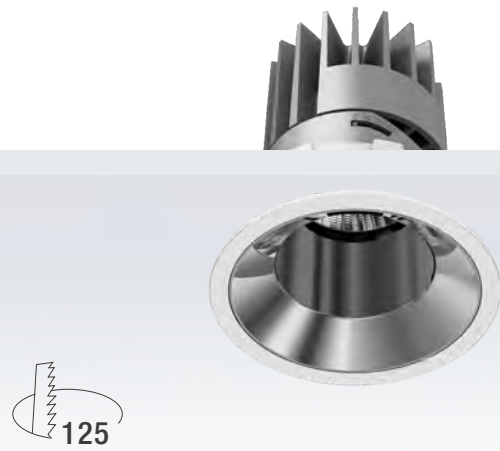
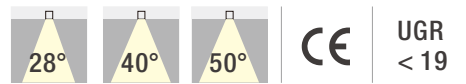


Order Information

SRF100 1200-1300 Lm MODELS (White trim, CITIZEN LED, Specular reflector)									
Code	LED output	Module output	LED Voltage	LED Current	LED Power	System Power	CRI	CCT	BEAM
SRF100-CC930R28S-X	1700 lm	1200 lm	36 V	500mA	18 W	21 W	90	3000K	28°
SRF100-CC940R28S-X	1800 lm	1300 lm	36 V	500mA	18 W	21 W	90	4000K	28°
SRF100-CC930R35S-X	1700 lm	1200 lm	36 V	500mA	18 W	21 W	90	3000K	35°
SRF100-CC940R35S-X	1800 lm	1300 lm	36 V	500mA	18 W	21 W	90	4000K	35°
SRF100-CC930R50S-X	1700 lm	1200 lm	36 V	500mA	18 W	21 W	90	3000K	50°
SRF100-CC940R50S-X	1800 lm	1300 lm	36 V	500mA	18 W	21 W	90	4000K	50°

Remark: X=F (ON-OFF) X=P (Phase Dim) X=A (1-10V Dim) X=D (DALI Dim) X=N (Without Driver)

START / SRF 125
LED Downlight
Fixed



Quickinfo

GENERAL

recessed
fixed
round

LED

COB LED module
2700K, 3000K, 4000K
CRI > 80, CRI > 90
Bining < 3-Step MacAdam

ESTIMATED LED LIFETIME

L80 / 50.000h

OPTICAL

direct illumination
beam angle 28°, 40°, 50°

PHYSICAL

aluminium
wet painting
secondary reflector plastic

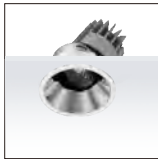
Function

Deep recessed secondary reflector enhances visual comfort.
Thermally engineered heatsink creates highly efficient passive cooling system.
Different colours of secondary reflector are available.

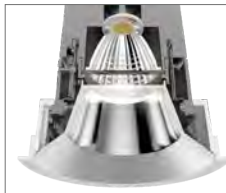
Anti-glare accessory provides maximum eye comfort.
Trimless installation downlight and accessory are available.

Features

SRA 125
page 096



SRW 125
page 154



Deep recessed reflector provides more eye comfort
Reliable fixing mechanism with unique spring clip design

Order options

SYSTEM POWER

21W
28W

COLOUR TEMPERATURE

2700K
3000K
4000K

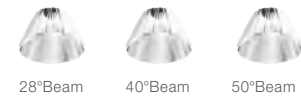
COLOR RENDERING INDEX

CRI 80
CRI 90

ELECTRICAL

non DIM
phase DIM
1-10V
DALI

PRIMARY REFLECTOR



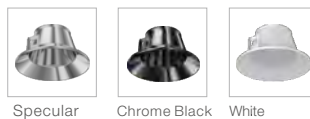
TRIM



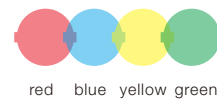
TRIMLESS



SECONDARY REFLECTOR



COLOUR FILM



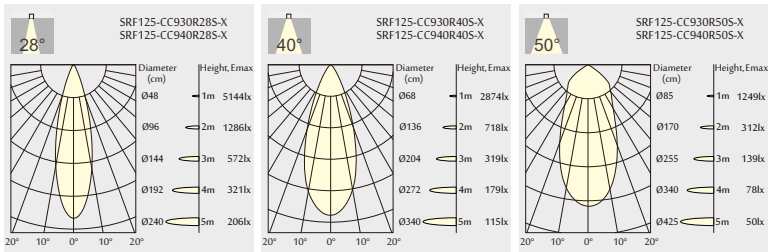
SRF125

3000K
(Standard)



Light distribution for 3000K

18 W 1400lm-1500m

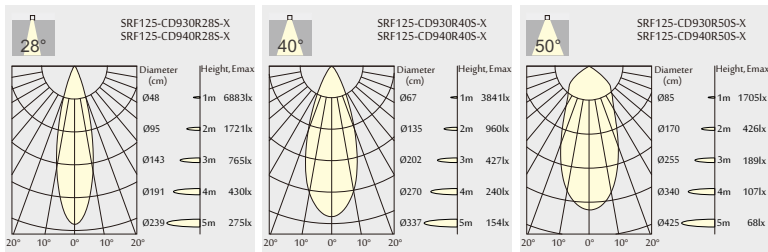


Order Information

SRF125 1400-1500 Lm MODELS (White trim, CITIZEN LED, Specular reflector)									
Code	LED output	Module output	LED Voltage	LED Current	LED Power	System Power	CRI	CCT	BEAM
SRF125-CC930R28S-X	2000 lm	1400 lm	36 V	500mA	18 W	21 W	90	3000K	28°
SRF125-CC940R28S-X	2100 lm	1500 lm	36 V	500mA	18 W	21 W	90	4000K	28°
SRF125-CC930R40S-X	2000 lm	1400 lm	36 V	500mA	18 W	21 W	90	3000K	40°
SRF125-CC940R40S-X	2100 lm	1500 lm	36 V	500mA	18 W	21 W	90	4000K	40°
SRF125-CC930R50S-X	2000 lm	1400 lm	36 V	500mA	18 W	21 W	90	3000K	50°
SRF125-CC940R50S-X	2100 lm	1500 lm	36 V	500mA	18 W	21 W	90	4000K	50°

Remark: X=F (ON-OFF) X=P (Phase Dim) X=A (1-10V Dim) X=D (DALI Dim) X=N (Without Driver)

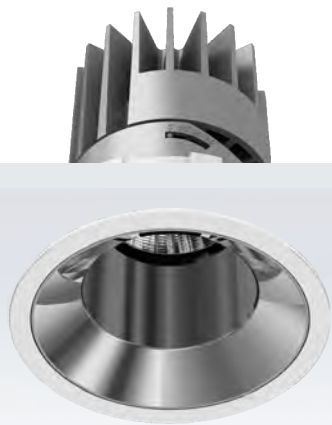
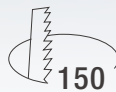
25 W 1800lm-1900lm



Order Information

SRF125 1800-1900 Lm MODELS (White trim, CITIZEN LED, Specular reflector)									
Code	LED output	Module output	LED Voltage	LED Current	LED Power	System Power	CRI	CCT	BEAM
SRF125-CD930R28S-X	2600 lm	1800 lm	36 V	700mA	25 W	28 W	90	3000K	28°
SRF125-CD940R28S-X	2700 lm	1900 lm	36 V	700mA	25 W	28 W	90	4000K	28°
SRF125-CD930R40S-X	2600 lm	1800 lm	36 V	700mA	25 W	28 W	90	3000K	40°
SRF125-CD940R40S-X	2700 lm	1900 lm	36 V	700mA	25 W	28 W	90	4000K	40°
SRF125-CD930R50S-X	2600 lm	1800 lm	36 V	700mA	25 W	28 W	90	3000K	50°
SRF125-CD940R50S-X	2700 lm	1900 lm	36 V	700mA	25 W	28 W	90	4000K	50°

Remark: X=F (ON-OFF) X=P (Phase Dim) X=A (1-10V Dim) X=D (DALI Dim) X=N (Without Driver)

UGR
< 19

Quickinfo

GENERAL

recessed
fixed
round

LED

COB LED module

2700K, 3000K, 4000K

CRI > 80, CRI > 90

Bining < 3-Step MacAdam

ESTIMATED LED LIFETIME

L80 / 50.000h

OPTICAL

direct illumination
beam angle 28°, 32°, 50°

PHYSICAL

aluminium
wet painting
secondary reflector plastic

Function

Deep recessed secondary reflector enhances visual comfort.

Thermally engineered heatsink creates highly efficient passive cooling system.

Different colours of secondary reflector are available.

Anti-glare accessory provides maximum eye comfort.

Trimless installation downlight and accessory are available.

Features



Deep recessed reflector provides more eye comfort

Reliable fixing mechanism with unique spring clip design

SRA 150
page 098SRW 150
page 156

Order options

SYSTEM POWER

28W
42W

COLOUR TEMPERATURE

2700K
3000K
4000K

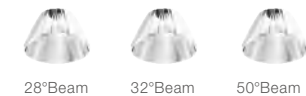
COLOR RENDERING INDEX

CRI 80
CRI 90

ELECTRICAL

non DIM
phase DIM
1-10V
DALI

PRIMARY REFLECTOR



TRIM



Trim (Standard)

TRIMLESS

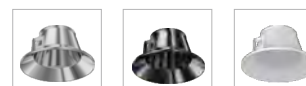


European Version



American Version

SECONDARY REFLECTOR



Specular

Chrome Black

White



Matt

Black

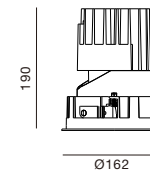
Gold

COLOUR FILM



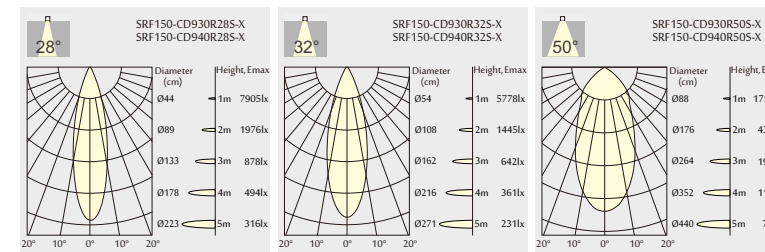
red blue yellow green

SRF150

3000K
(Standard)

Light distribution for 3000K

25 W 1900lm-2000lm



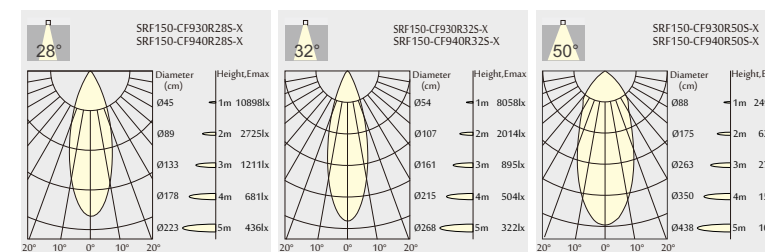
Order Information

SRF150 1900-2000 Lm MODELS (White trim, CITIZEN LED, Specular reflector)

Code	LED output	Module output	LED Voltage	LED Current	LED Power	System Power	CRI	CCT	BEAM
SRF150-CD930R28S-X	2700 lm	1900 lm	36 V	700mA	25 W	28 W	90	3000K	28°
SRF150-CD940R28S-X	2800 lm	2000 lm	36 V	700mA	25 W	28 W	90	4000K	28°
SRF150-CD930R32S-X	2700 lm	1900 lm	36 V	700mA	25 W	28 W	90	3000K	32°
SRF150-CD940R32S-X	2800 lm	2000 lm	36 V	700mA	25 W	28 W	90	4000K	32°
SRF150-CD930R50S-X	2700 lm	1900 lm	36 V	700mA	25 W	28 W	90	3000K	50°
SRF150-CD940R50S-X	2800 lm	2000 lm	36 V	700mA	25 W	28 W	90	4000K	50°

Remark: X=F (ON-OFF) X=P (Phase Dim) X=A (1-10V Dim) X=D (DALI Dim) X=N (Without Driver)

38 W 2700lm-2900lm

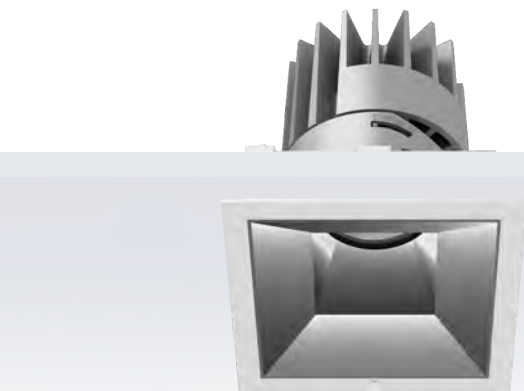
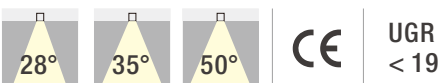


Order Information

SRF150 2700-2900 Lm MODELS (White trim, CITIZEN LED, Specular reflector)

Code	LED output	Module output	LED Voltage	LED Current	LED Power	System Power	CRI	CCT	BEAM
SRF150-CF930R28S-X	3700 lm	2700 lm	36 V	1050mA	38 W	42 W	90	3000K	28°
SRF150-CF940R28S-X	3900 lm	2900 lm	36 V	1050mA	38 W	42 W	90	4000K	28°
SRF150-CF930R32S-X	3700 lm	2700 lm	36 V	1050mA	38 W	42 W	90	3000K	32°
SRF150-CF940R32S-X	3900 lm	2900 lm	36 V	1050mA	38 W	42 W	90	4000K	32°
SRF150-CF930R50S-X	3700 lm	2700 lm	36 V	1050mA	38 W	42 W	90	3000K	50°
SRF150-CF940R50S-X	3900 lm	2900 lm	36 V	1050mA	38 W	42 W	90	4000K	50°

Remark: X=F (ON-OFF) X=P (Phase Dim) X=A (1-10V Dim) X=D (DALI Dim) X=N (Without Driver)



96X96

Quickinfo

GENERAL

recessed
fixed
square

LED

COB LED module
2700K, 3000K, 4000K
CRI > 80, CRI > 90
Bining < 3-Step MacAdam

ESTIMATED LED LIFETIME

L80 / 50,000h

OPTICAL

direct illumination
beam angle 28°, 35°, 50°

PHYSICAL

aluminium
wet painting
secondary reflector plastic

Function

Deep recessed secondary reflector enhances visual comfort.
Thermally engineered heatsink creates highly efficient passive cooling system.
Different colours of secondary reflector are available.

Anti-glare accessory provides maximum eye comfort.
Trimless installation downlight and accessory are available.

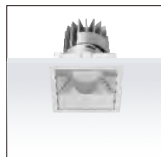
Features

SSA 100

page 118

SSW 100

page 158



Deep recessed reflector provides more eye comfort
Reliable fixing mechanism with unique spring clip design

Order options

SYSTEM POWER

15W
21W

COLOUR TEMPERATURE

2700K
3000K
4000K

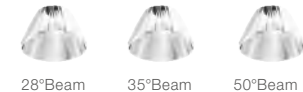
COLOR RENDERING INDEX

CRI 80
CRI 90

ELECTRICAL

non DIM
phase DIM
1-10V
DALI

REFLECTOR



TRIM



Trim (Standard)

TRIMLESS



European Version



American Version

SECONDARY REFLECTOR



Specular Chrome Black White



Matt . Black Gold

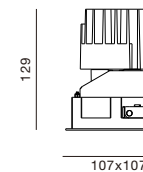
COLOUR FILM



red blue yellow green

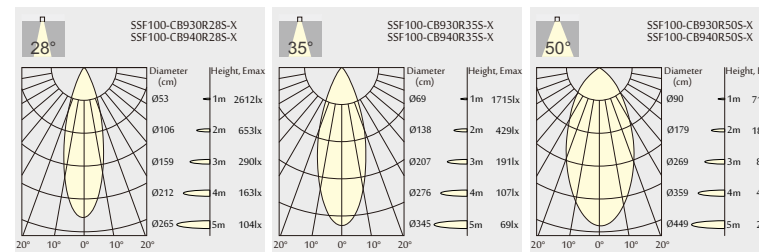
SSF100

3000K
(Standard)



Light distribution for 3000K

13 W 900lm-950lm



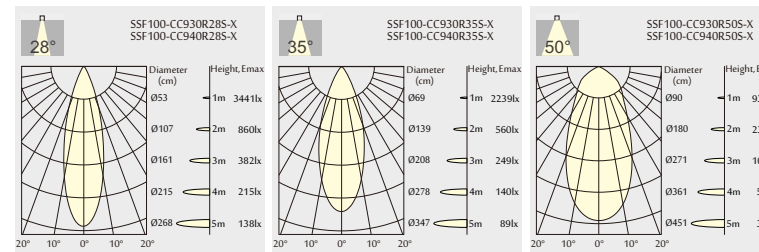
Order Information

SSF100 900-950 Lm MODELS (White trim, CITIZEN LED, Specular reflector)

Code	LED output	Module output	LED Voltage	LED Current	LED Power	System Power	CRI	CCT	BEAM
SSF100-CB930R28S-X	1300 lm	900 lm	36 V	350mA	13 W	15 W	90	3000K	28°
SSF100-CB940R28S-X	1400 lm	950 lm	36 V	350mA	13 W	15 W	90	4000K	28°
SSF100-CB930R35S-X	1300 lm	900 lm	36 V	350mA	13 W	15 W	90	3000K	35°
SSF100-CB940R35S-X	1400 lm	950 lm	36 V	350mA	13 W	15 W	90	4000K	35°
SSF100-CB930R50S-X	1300 lm	900 lm	36 V	350mA	13 W	15 W	90	3000K	50°
SSF100-CB940R50S-X	1400 lm	950 lm	36 V	350mA	13 W	15 W	90	4000K	50°

Remark: X=F (ON-OFF) X=P (Phase Dim) X=A (1-10V Dim) X=D (DALI Dim) X=N (Without Driver)

18 W 1200lm-1300lm

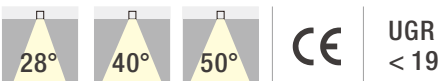


Order Information

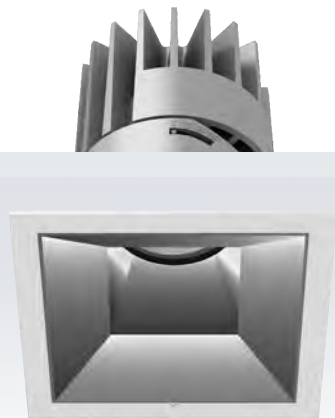
SSF100 1200-1300 Lm MODELS (White trim, CITIZEN LED, Specular reflector)

Code	LED output	Module output	LED Voltage	LED Current	LED Power	System Power	CRI	CCT	BEAM
SSF100-CC930R28S-X	1700 lm	1200 lm	36 V	500mA	18 W	21 W	90	3000K	28°
SSF100-CC940R28S-X	1800 lm	1300 lm	36 V	500mA	18 W	21 W	90	4000K	28°
SSF100-CC930R35S-X	1700 lm	1200 lm	36 V	500mA	18 W	21 W	90	3000K	35°
SSF100-CC940R35S-X	1800 lm	1300 lm	36 V	500mA	18 W	21 W	90	4000K	35°
SSF100-CC930R50S-X	1700 lm	1200 lm	36 V	500mA	18 W	21 W	90	3000K	50°
SSF100-CC940R50S-X	1800 lm	1300 lm	36 V	500mA	18 W	21 W	90	4000K	50°

Remark: X=F (ON-OFF) X=P (Phase Dim) X=A (1-10V Dim) X=D (DALI Dim) X=N (Without Driver)



122X122



Quickinfo

GENERAL

recessed
fixed
square

LED

COB LED module
2700K, 3000K, 4000K
CRI > 80, CRI > 90
Bining < 3-Step MacAdam

ESTIMATED LED LIFETIME

L80 / 50,000h

OPTICAL

direct illumination
beam angle 28°, 40°, 50°

PHYSICAL

aluminium
wet painting
secondary reflector plastic

Function

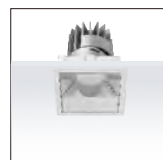
Deep recessed secondary reflector enhances visual comfort.
Thermally engineered heatsink creates highly efficient passive cooling system.
Different colours of secondary reflector are available.
Anti-glare accessory provides maximum eye comfort.
Trimless installation downlight and accessory are available.

Features

SSA 125
page 120



SSW 125
page 160



Deep recessed reflector provides more eye comfort
Reliable fixing mechanism with unique spring clip design

Order options

SYSTEM POWER

18W
25W

COLOUR TEMPERATURE

2700K
3000K
4000K

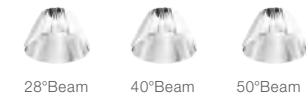
COLOR RENDERING INDEX

CRI 80
CRI 90

ELECTRICAL

non DIM
phase DIM
1-10V
DALI

PRIMARY REFLECTOR



TRIM



Trim (Standard)

TRIMLESS



European Version



American Version

SECONDARY REFLECTOR



Specular

Chrome Black

White

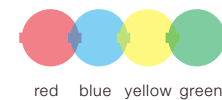


Matt

Black

Gold

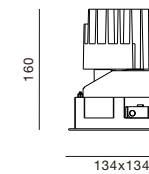
COLOUR FILM



red blue yellow green

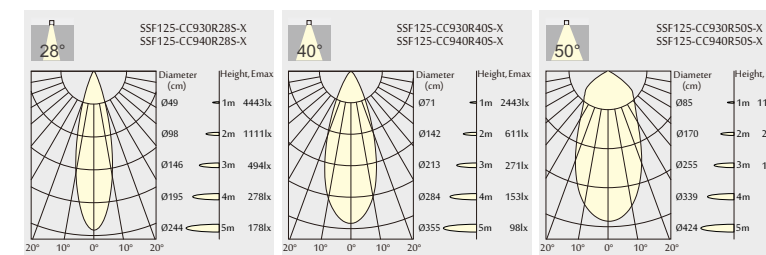
SSF125

3000K
(Standard)



Light distribution for 3000K

18 W 1400lm-1500lm



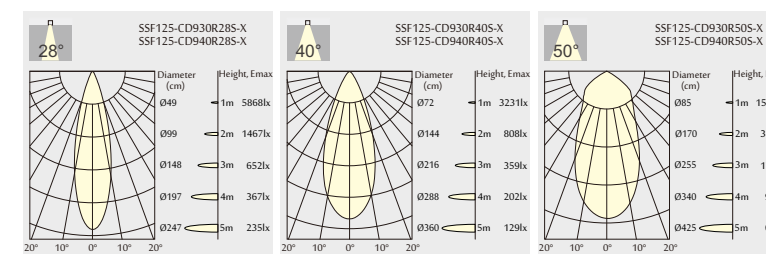
Order Information

SSF125 1400-1500 Lm MODELS^{*} (White trim, CITIZEN LED, Specular reflector)

Code	LED output	Module output	LED Voltage	LED Current	LED Power	System Power	CRI	CCT	BEAM
SSF125-CC930R28S-X	2000 lm	1400 lm	36 V	500mA	18 W	21 W	90	3000K	28°
SSF125-CC940R28S-X	2100 lm	1500 lm	36 V	500mA	18 W	21 W	90	4000K	28°
SSF125-CC930R40S-X	2000 lm	1400 lm	36 V	500mA	18 W	21 W	90	3000K	40°
SSF125-CC940R40S-X	2100 lm	1500 lm	36 V	500mA	18 W	21 W	90	4000K	40°
SSF125-CC930R50S-X	2000 lm	1400 lm	36 V	500mA	18 W	21 W	90	3000K	50°
SSF125-CC940R50S-X	2100 lm	1500 lm	36 V	500mA	18 W	21 W	90	4000K	50°

Remark: X=F (ON-OFF) X=P (Phase Dim) X=A (1-10V Dim) X=D (DALI Dim) X=N (Without Driver)

25 W 1800lm-1900lm

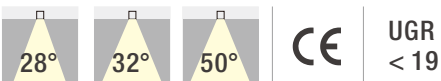


Order Information

SSF125 1800-1900 Lm MODELS^{*} (White trim, CITIZEN LED, Specular reflector)

Code	LED output	Module output	LED Voltage	LED Current	LED Power	System Power	CRI	CCT	BEAM
SSF125-CD930R28S-X	2600 lm	1800 lm	36 V	700mA	25 W	28 W	90	3000K	28°
SSF125-CD940R28S-X	2700 lm	1900 lm	36 V	700mA	25 W	28 W	90	4000K	28°
SSF125-CD930R40S-X	2600 lm	1800 lm	36 V	700mA	25 W	28 W	90	3000K	40°
SSF125-CD940R40S-X	2700 lm	1900 lm	36 V	700mA	25 W	28 W	90	4000K	40°
SSF125-CD930R50S-X	2600 lm	1800 lm	36 V	700mA	25 W	28 W	90	3000K	50°
SSF125-CD940R50S-X	2700 lm	1900 lm	36 V	700mA	25 W	28 W	90	4000K	50°

Remark: X=F (ON-OFF) X=P (Phase Dim) X=A (1-10V Dim) X=D (DALI Dim) X=N (Without Driver)



147X147



Quickinfo

GENERAL

recessed
fixed
square

LED

COB LED module
2700K, 3000K, 4000K
CRI > 80, CRI > 90
Bining < 3-Step MacAdam

ESTIMATED LED LIFETIME

L80 / 50.000h

OPTICAL

direct illumination
beam angle 28°, 32°, 50°

PHYSICAL

aluminium
wet painting
secondary reflector plastic

Function

Deep recessed secondary reflector enhances visual comfort.
Thermally engineered heatsink creates highly efficient passive cooling system.
Different colours of secondary reflector are available.

Anti-glare accessory provides maximum eye comfort.
Trimless installation downlight and accessory are available.

Features

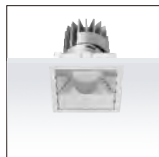


Deep recessed reflector provides more eye comfort
Reliable fixing mechanism with unique spring clip design

SSA 150
page 122



SSW 150
page 162



Order options

SYSTEM POWER

28W
42W

COLOUR TEMPERATURE

2700K
3000K
4000K

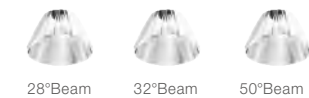
COLOR RENDERING INDEX

CRI 80
CRI 90

ELECTRICAL

non DIM
phase DIM
1-10V
DALI

REFLECTOR



TRIM



Trim (Standard)

TRIMLESS

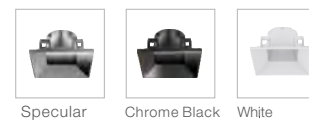


European Version



American Version

SECONDARY REFLECTOR



Specular

Chrome Black

White

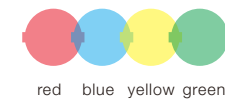


Matt

Black

Gold

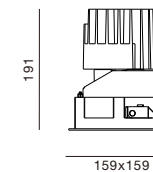
COLOUR FILM



red blue yellow green

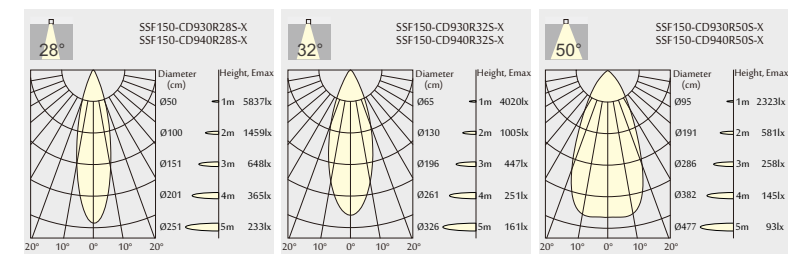
SSF150

3000K
(Standard)



Light distribution for 3000K

25 W 1900lm-2000lm



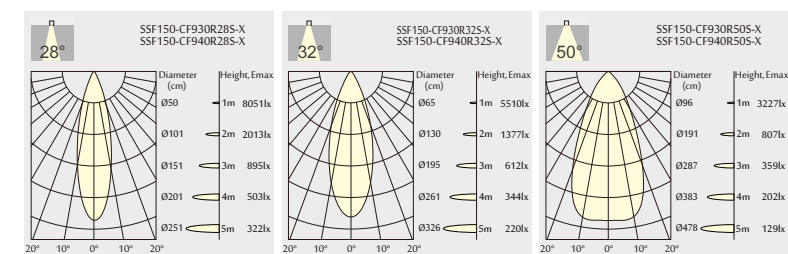
Order Information

SSF150 1900-2000 Lm MODELS (White trim, CITIZEN LED, Specular reflector)

Code	LED output	Module output	LED Voltage	LED Current	LED Power	System Power	CRI	CCT	BEAM
SSF150-CD930R28S-X	2700 lm	1900 lm	36 V	700mA	25 W	28 W	90	3000K	28°
SSF150-CD940R28S-X	2800 lm	2000 lm	36 V	700mA	25 W	28 W	90	4000K	28°
SSF150-CD930R32S-X	2700 lm	1900 lm	36 V	700mA	25 W	28 W	90	3000K	32°
SSF150-CD940R32S-X	2800 lm	2000 lm	36 V	700mA	25 W	28 W	90	4000K	32°
SSF150-CD930R50S-X	2700 lm	1900 lm	36 V	700mA	25 W	28 W	90	3000K	50°
SSF150-CD940R50S-X	2800 lm	2000 lm	36 V	700mA	25 W	28 W	90	4000K	50°

Remark: X=F (ON-OFF) X=P (Phase Dim) X=A (1-10V Dim) X=D (DALI Dim) X=N (Without Driver)

38 W 2700lm-2900lm

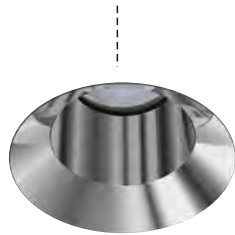


Order Information

SSF150 2700-2900 Lm MODELS (White trim, CITIZEN LED, Specular reflector)

Code	LED output	Module output	LED Voltage	LED Current	LED Power	System Power	CRI	CCT	BEAM
SSF150-CF930R28S-X	3700 lm	2700 lm	36 V	1050mA	38 W	42 W	90	3000K	28°
SSF150-CF940R28S-X	3900 lm	2900 lm	36 V	1050mA	38 W	42 W	90	4000K	28°
SSF150-CF930R32S-X	3700 lm	2700 lm	36 V	1050mA	38 W	42 W	90	3000K	32°
SSF150-CF940R32S-X	3900 lm	2900 lm	36 V	1050mA	38 W	42 W	90	4000K	32°
SSF150-CF930R50S-X	3700 lm	2700 lm	36 V	1050mA	38 W	42 W	90	3000K	50°
SSF150-CF940R50S-X	3900 lm	2900 lm	36 V	1050mA	38 W	42 W	90	4000K	50°

Remark: X=F (ON-OFF) X=P (Phase Dim) X=A (1-10V Dim) X=D (DALI Dim) X=N (Without Driver)



TRF100
TRF125
TRF150



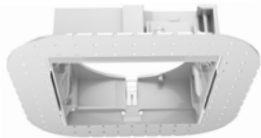
TSF100
TSF125
TSF150

Trimless Version Available

Make your downlight invisible in the ceiling, fit for 12.5mm and 25mm thickness ceiling
Interchangable downlight fixture and trimless accessory.
All technical datasheets are the same as adjustable series downlight (SRF and SSF, page 116-127).

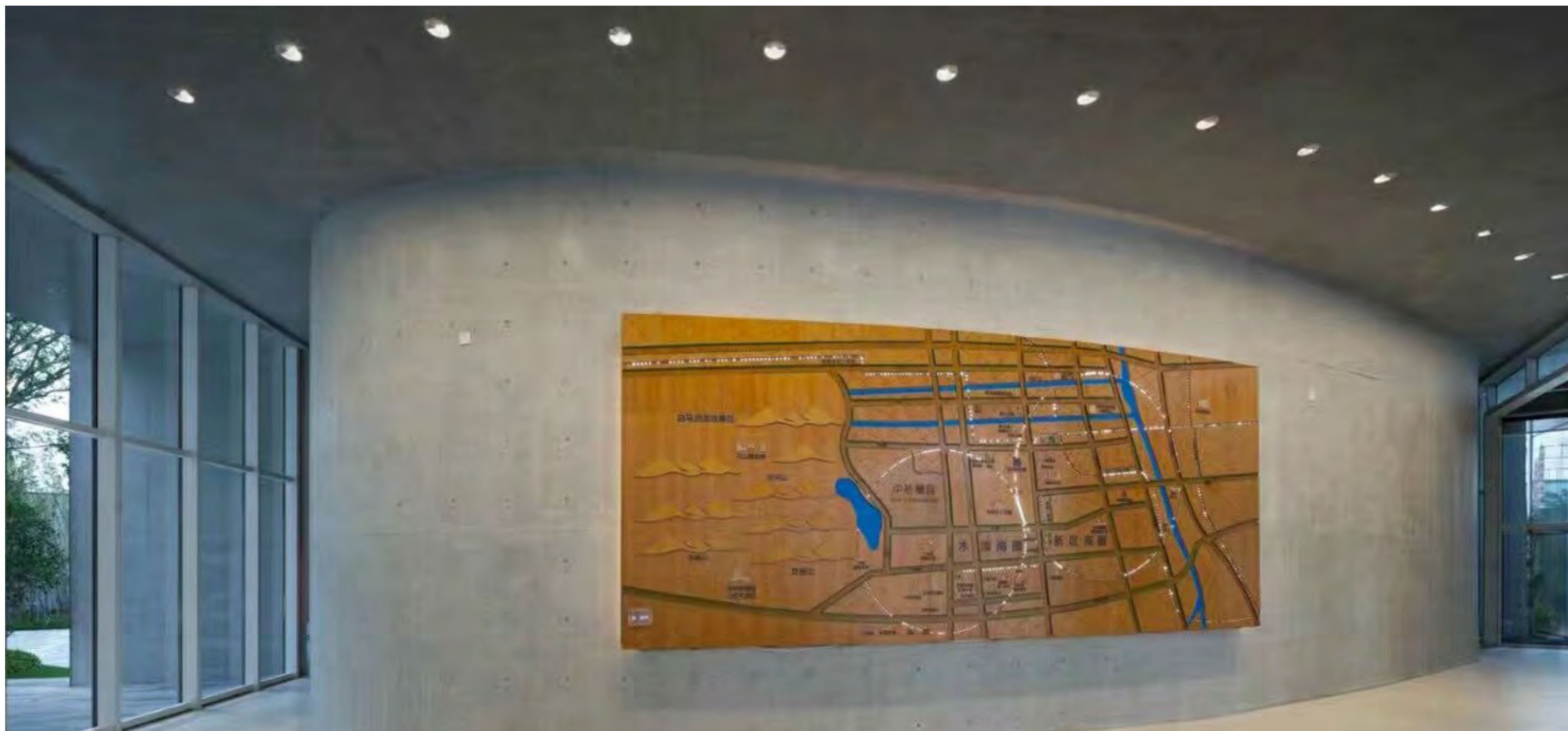


European Version

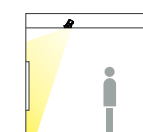
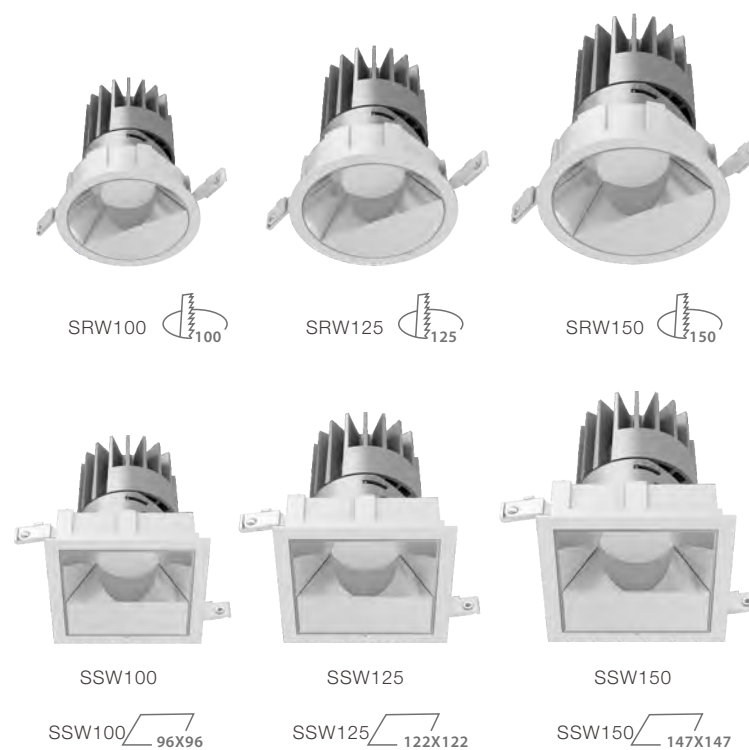
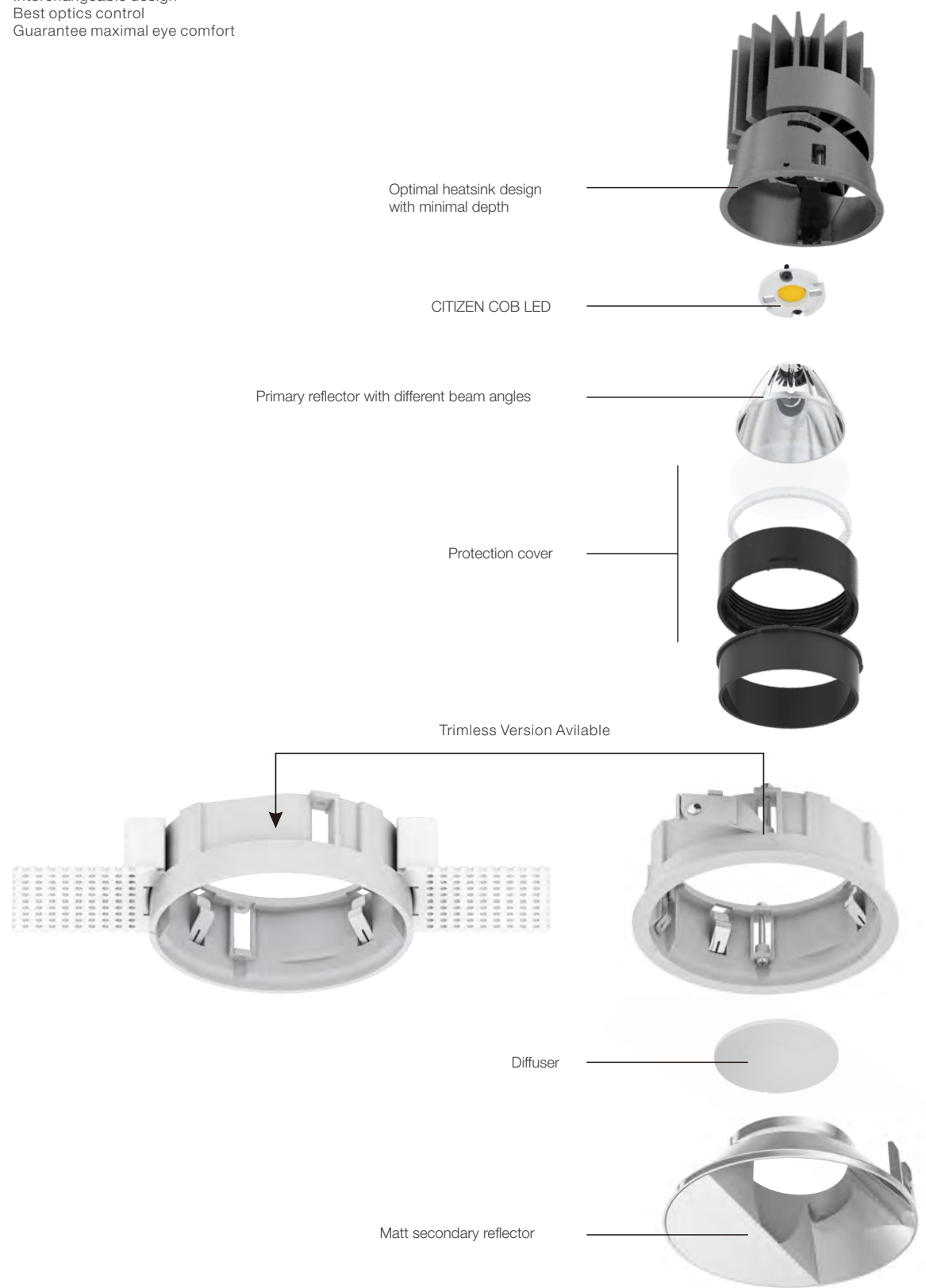


American Version

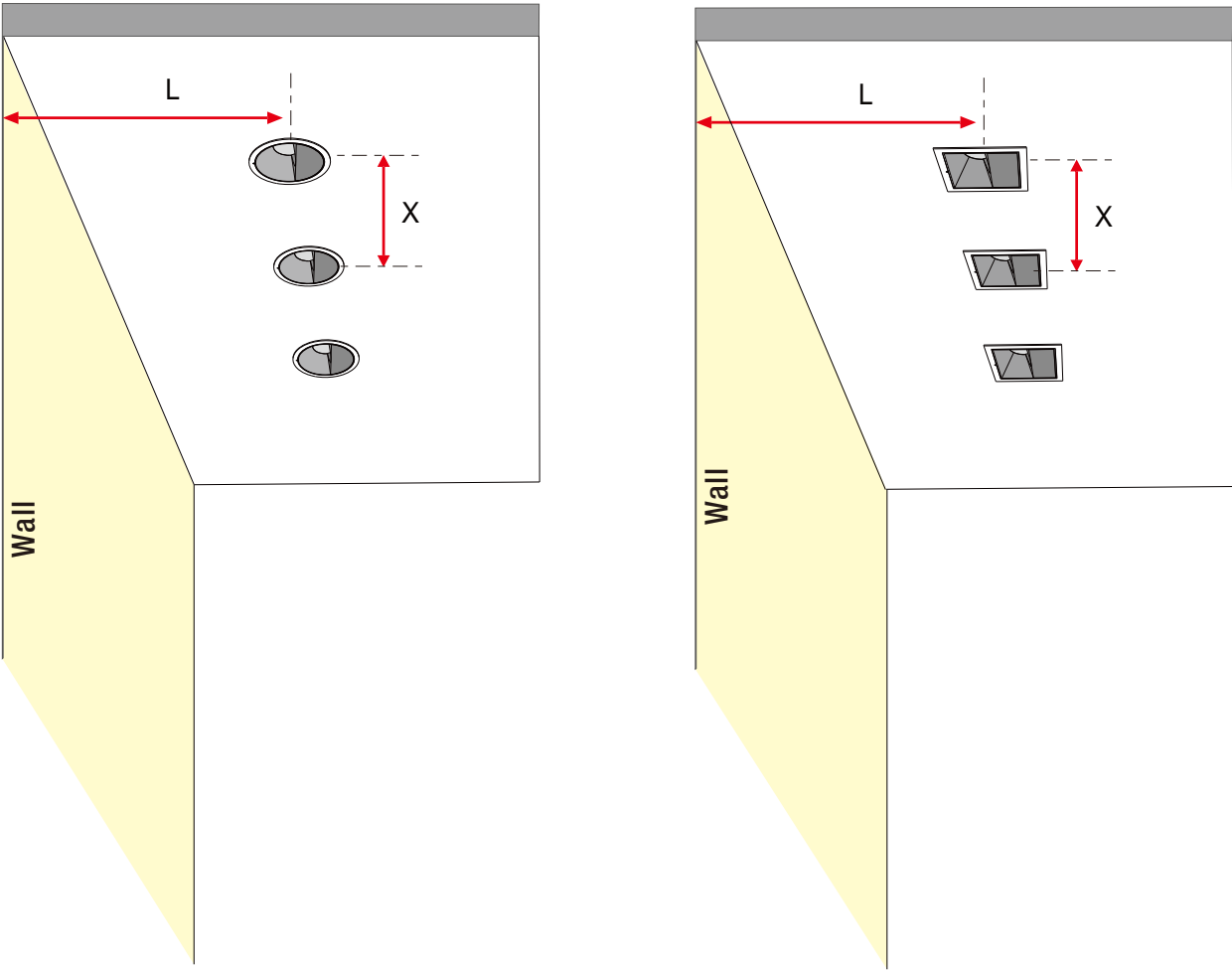




Meticulous to detail
 Interchangeable design
 Best optics control
 Guarantee maximal eye comfort

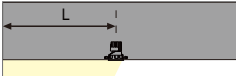
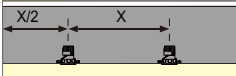

WALLWASHER-LED

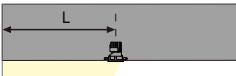
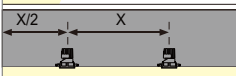
Wall Washer design evenly illuminates walls.



The installation is based on 3M height wall
Evenly illuminated wall without dark shadow at the corner

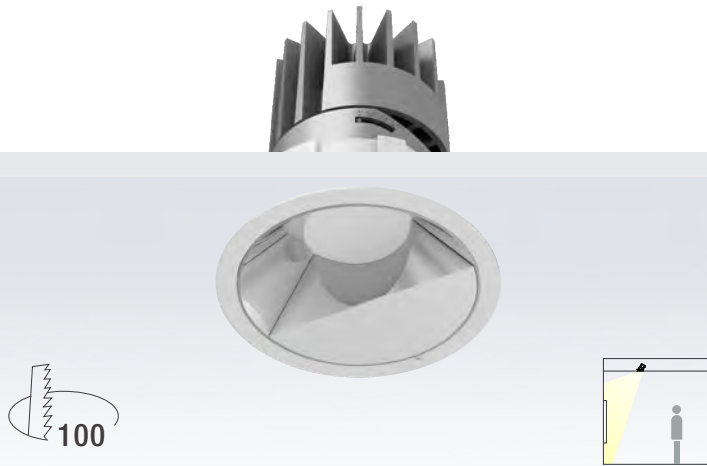
Suggestions on Installation Distance for Uniform Lighting Effects

 L X	X(mm) \ L(mm)		500	550	600	650	700	750	800	850	900	950	1000	1050	1100	1150	1200
	MODEL		500	550	600	650	700	750	800	850	900	950	1000	1050	1100	1150	1200
 X/2 X	SRW100		500	550	600	650	700	750	800	850	900	950	1000	1050	1100	1150	1200
	SRW125		500	550	600	650	700	750	800	850	900	950	1000	1050	1100	1150	1200
	SRW150		500	550	600	650	700	750	800	850	900	950	1000	1050	1100	1150	1200

 L X	X(mm) \ L(mm)		500	550	600	650	700	750	800	850	900	950	1000	1050	1100	1150	1200
	MODEL		500	550	600	650	700	750	800	850	900	950	1000	1050	1100	1150	1200
 X/2 X	SSW100		550	600	650	700	750	800	850	900	950	1000	1050	1100	1150	1200	1250
	SSW125		550	600	650	700	750	800	850	900	950	1000	1050	1100	1150	1200	1250
	SSW150		550	600	650	700	750	800	850	900	950	1000	1050	1100	1150	1200	1250

START / SRW 100
LED Downlight
Wall Washer

CE UGR < 19



Quickinfo

GENERAL
recessed
wall washer asymmetric
round

LED
COB LED module
2700K, 3000K, 4000K
CRI > 80, CRI > 90
Bining < 3-Step MacAdam

ESTIMATED LED LIFETIME
L80 / 50.000h

OPTICAL
direct illumination
asymmetric

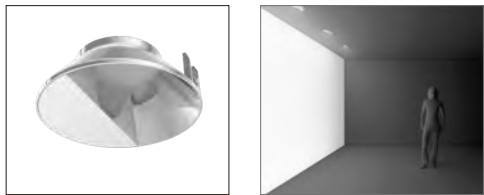
PHYSICAL
aluminium
wet painting
secondary reflector plastic

Function

Asymmetric wall washer reflector evenly illuminates walls. Thermally engineered heatsink creates highly efficient passive cooling system.

Anti-glare accessory provides maximum eye comfort. Trimless installation downlight and accessory are available.

Features



Specially designed asymmetric reflector generates homogeneous illumination of the wall

SRA 100
page 094



SRF 100
page 132



Order options

SYSTEM POWER
15W
21W

COLOUR TEMPERATURE
2700K
3000K
4000K

COLOR RENDERING INDEX
CRI 80
CRI 90

ELECTRICAL
non DIM
phase DIM
1-10V
DALI

TRIM

Trim (Standard)

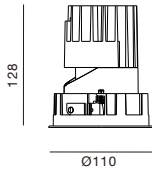
TRIMLESS

European Version

American Version

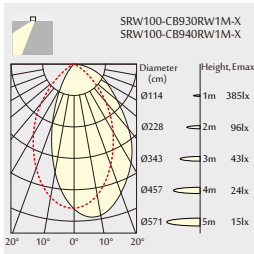
SRW100

3000K
(Standard)



Light distribution for 3000K

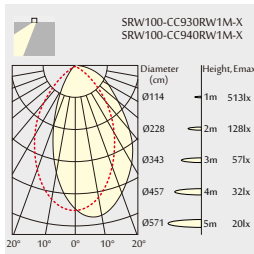
13 W 480lm-520lm



Order Information

SRW100 480-520 Lm Models (White trim, CITIZEN LED, Matt reflector)								
Code	LED output	Module output	LED Voltage	LED Current	LED Power	System Power	CRI	CCT
SRW100-CB930RW1M-X	1300 lm	480 lm	36 V	350mA	13 W	15 W	90	3000K
SRW100-CB940RW1M-X	1400 lm	520 lm	36 V	350mA	13 W	15 W	90	4000K
Driver: X=F (ON-OFF) X=P (Phase Dim) X=A (1-10V Dim) X=D (DALI Dim) X=N (Without Driver)								

18 W 650lm-700lm



Order Information

SRW100 650-700 Lm Models (White trim, CITIZEN LED, Matt reflector)								
Code	LED output	Module output	LED Voltage	LED Current	LED Power	System Power	CRI	CCT
SRW100-CC930RW1M-X	1700 lm	650 lm	36 V	500mA	18 W	21 W	90	3000K
SRW100-CC940RW1M-X	1800 lm	700 lm	36 V	500mA	18 W	21 W	90	4000K
Driver: X=F (ON-OFF) X=P (Phase Dim) X=A (1-10V Dim) X=D (DALI Dim) X=N (Without Driver)								

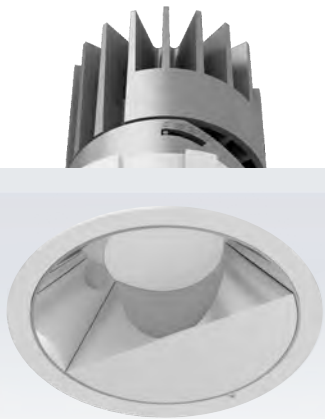
START / SRW 125

LED Downlight

Wall Washer



UGR
< 19



Quickinfo

GENERAL

recessed

wall washer asymmetric

round

LED

COB LED module

2700K, 3000K, 4000K

CRI > 80, CRI > 90

Bining < 3-Step MacAdam

ESTIMATED LED LIFETIME

L80 / 50.000h

OPTICAL

direct illumination

asymmetric

PHYSICAL

aluminium

wet painting

secondary reflector plastic

Function

Asymmetric wall washer reflector evenly illuminates walls.

Thermally engineered heatsink creates highly efficient passive cooling system.

Anti-glare accessory provides maximum eye comfort.

Trimless installation downlight and accessory are available.

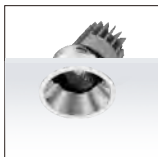
Features



Specially designed asymmetric reflector generates homogeneous illumination of the wall

SRA 125

page 096



SRF 125

page 134



Order options

SYSTEM POWER

21W

28W

COLOUR TEMPERATURE

2700K

3000K

4000K

COLOR RENDERING INDEX

CRI 80

CRI 90

ELECTRICAL

non DIM

phase DIM

1-10V

DALI

TRIM



Trim (Standard)

TRIMLESS



European Version

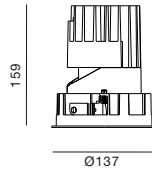


American Version

SRW125

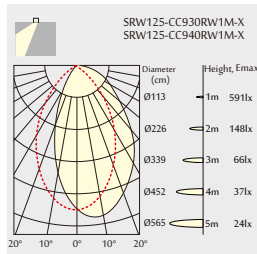
3000K

(Standard)



Light distribution for 3000K

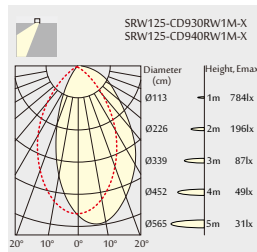
18 W 750lm-800lm



Order Information

SRW125 750-800 Lm Models (White trim, CITIZEN LED, Matt reflector)								
Code	LED output	Module output	LED Voltage	LED Current	LED Power	System Power	CRI	CCT
SRW125-CC930RW1M-X	2000 lm	750 lm	36 V	500mA	18 W	21 W	90	3000K
SRW125-CC940RW1M-X	2100 lm	800 lm	36 V	500mA	18 W	21 W	90	4000K
Driver: X=F (ON-OFF) X=P (Phase Dim) X=A (1-10V Dim) X=D (DALI Dim) X=N (Without Driver)								

25 W 1000lm-1100lm

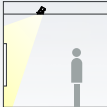
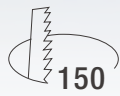


Order Information

SRW125 1000-1100 Lm Models (White trim, CITIZEN LED, Matt reflector)								
Code	LED output	Module output	LED Voltage	LED Current	LED Power	System Power	CRI	CCT
SRW125-CD930RW1M-X	2600 lm	1000 lm	36 V	700mA	25 W	28 W	90	3000K
SRW125-CD940RW1M-X	2700 lm	1100 lm	36 V	700mA	25 W	28 W	90	4000K
Driver: X=F (ON-OFF) X=P (Phase Dim) X=A (1-10V Dim) X=D (DALI Dim) X=N (Without Driver)								



UGR
< 19



Quickinfo

GENERAL

recessed
wall washer asymmetric
round

LED

COB LED module
2700K, 3000K, 000K
CRI > 80, CRI > 90
Bining < 3-Step MacAdam

ESTIMATED LED LIFETIME

L80 / 50.000h

OPTICAL

direct illumination
asymmetric

PHYSICAL

aluminium
powder-coated
adapter plastic

Function

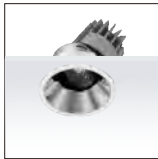
Asymmetric wall washer reflector
evenly illuminates walls.
Thermally engineered heatsink
creates highly efficient passive
cooling system.

Anti-glare accessory provides
maximum eye comfort.
Trimless installation downlight and
accessory are available.

Features

SRA 150
page 098

SRF 150
page 136



Specially designed asymmetric reflector generates
homogeneous illumination of the wall

Order options

SYSTEM POWER

28W
42W

COLOUR TEMPERATURE

2700K
3000K
4000K

COLOR RENDERING INDEX

CRI 80
CRI 90

ELECTRICAL

non DIM
phase DIM
1-10V
DALI

TRIM



Trim (Standard)

TRIMLESS



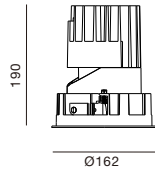
European Version



American Version

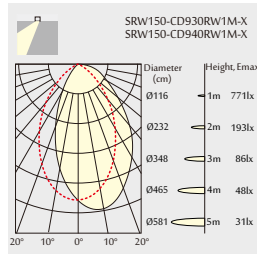
SRW150

3000K
(Standard)



Light distribution for 3000K

25 W 1000lm-1100lm



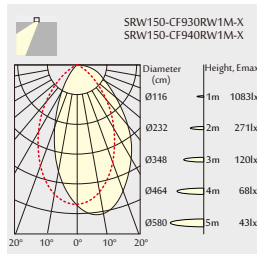
Order Information

SRW150 1000-1100 Lm Models (White trim, CITIZEN LED, Matt reflector)

Code	LED output	Module output	LED Voltage	LED Current	LED Power	System Power	CRI	CCT
SRW150-CD930RW1M-X	2700 lm	1000 lm	36 V	700mA	25 W	28 W	90	3000K
SRW150-CD940RW1M-X	2800 lm	1100 lm	36 V	700mA	25 W	28 W	90	4000K

Driver: X=F (ON-OFF) X=P (Phase Dim) X=A (1-10V Dim) X=D (DALI Dim) X=N (Without Driver)

38 W 1400lm-1500lm



Order Information

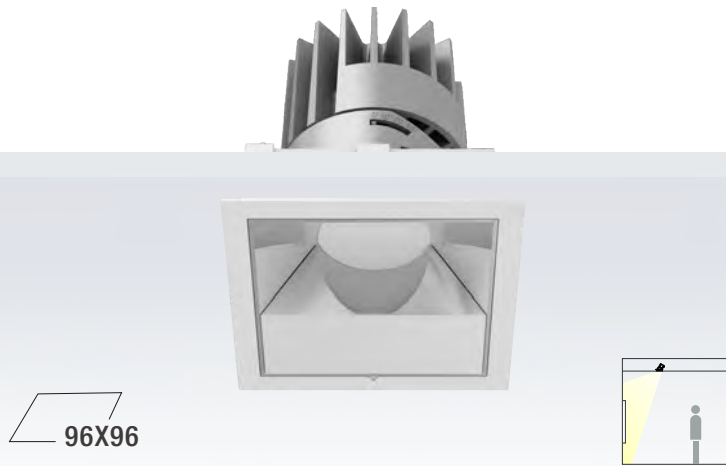
SRW150 1400-1500 Lm Models (White trim, CITIZEN LED, Matt reflector)

Code	LED output	Module output	LED Voltage	LED Current	LED Power	System Power	CRI	CCT
SRW150-CF930RW1M-X	3700 lm	1400 lm	36 V	1050mA	38 W	42 W	90	3000K
SRW150-CF940RW1M-X	3900 lm	1500 lm	36 V	1050mA	38 W	42 W	90	4000K

Driver: X=F (ON-OFF) X=P (Phase Dim) X=A (1-10V Dim) X=D (DALI Dim) X=N (Without Driver)

START / SSW 100
LED Downlight
Wall Washer

CE UGR < 19



Quickinfo

GENERAL

recessed
wall washer asymmetric
square

LED

COB LED module
2700K, 3000K, 4000K
CRI > 80, CRI > 90
Bining < 3-Step MacAdam

ESTIMATED LED LIFETIME

L80 / 50.000h

OPTICAL

direct illumination
asymetric

PHYSICAL

aluminium
wet painting
secondary reflector plastic

Function

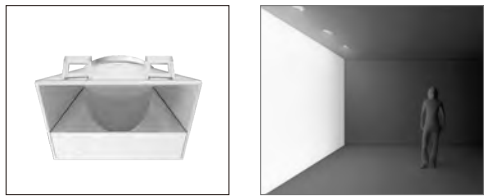
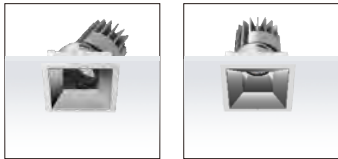
Asymmetric wall washer reflector evenly illuminates walls. Thermally engineered heatsink creates highly efficient passive cooling system.

Anti-glare accessory provides maximum eye comfort. Trimless installation downlight and accessory are available. 5 years guarantee

Features

SSA 100
page 118

SSF 100
page 138



Specially designed asymmetric reflector generates homogeneous illumination of the wall

Order options

SYSTEM POWER

15W
21W

COLOUR TEMPERATURE

2700K
3000K
4000K

COLOR RENDERING INDEX

CRI 80
CRI 90

ELECTRICAL

non DIM
phase DIM
1-10V
DALI

TRIM

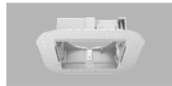


Trim (Standard)

TRIMLESS



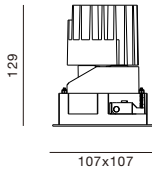
European Version



American Version

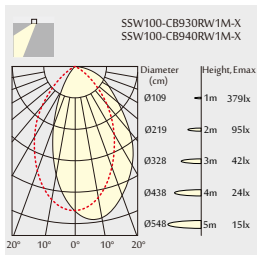
SSW100

3000K
(Standard)



Light distribution for 3000K

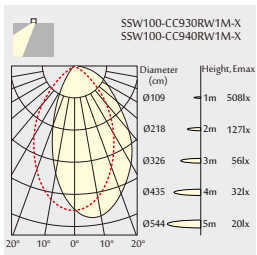
13 W 480lm-520lm



Order Information

SSW100 480-520 Lm Models (White trim, CITIZEN LED, Matt reflector)								
Code	LED output	Module output	LED Voltage	LED Current	LED Power	System Power	CRI	CCT
SSW100-CB930RW1M-X	1300 lm	480 lm	36 V	350mA	13 W	15 W	90	3000K
SSW100-CB940RW1M-X	1400 lm	520 lm	36 V	350mA	13 W	15 W	90	4000K
Driver: X=F (ON-OFF) X=P (Phase Dim) X=A (1-10V Dim) X=D (DALI Dim) X=N (Without Driver)								

18 W 650lm-700lm

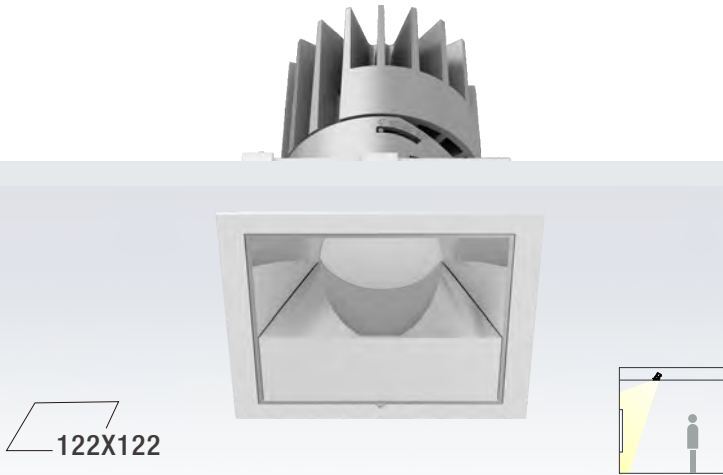


Order Information

SSW100 650-700 Lm Models (White trim, CITIZEN LED, Matt reflector)								
Code	LED output	Module output	LED Voltage	LED Current	LED Power	System Power	CRI	CCT
SSW100-CC930RW1M-X	1700 lm	650 lm	36 V	500mA	18 W	21 W	90	3000K
SSW100-CC940RW1M-X	1800 lm	700 lm	36 V	500mA	18 W	21 W	90	4000K
Driver: X=F (ON-OFF) X=P (Phase Dim) X=A (1-10V Dim) X=D (DALI Dim) X=N (Without Driver)								

START / SSW 125
LED Downlight
Wall Washer

CE UGR
< 19



Quickinfo

GENERAL
recessed
wall washer asymmetric
square

LED
COB LED module
2700K, 3000K, 4000K
CRI > 80, CRI > 90
Bining < 3-Step MacAdam

ESTIMATED LED LIFETIME
L80 / 50.000h

OPTICAL
direct illumination
asymmetric

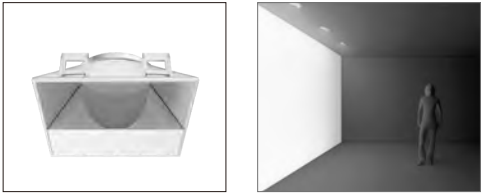
PHYSICAL
aluminium
wet painting
secondary reflector plastic

Function

Asymmetric wall washer reflector evenly illuminates walls. Thermally engineered heatsink creates highly efficient passive cooling system.

Anti-glare accessory provides maximum eye comfort. Trimless installation downlight and accessory are available.

Features



Specially designed asymmetric reflector generates homogeneous illumination of the wall

Order options

SYSTEM POWER
21W
28W

COLOUR TEMPERATURE
2700K
3000K
4000K

COLOR RENDERING INDEX
CRI 80
CRI 90

ELECTRICAL
non DIM
phase DIM
1-10V
DALI

TRIM

Trim (Standard)

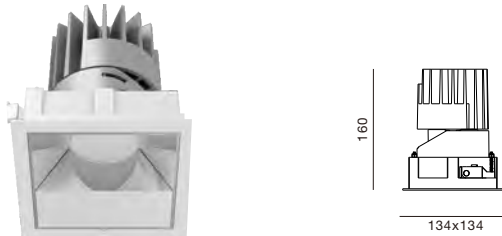
TRIMLESS

European Version

American Version

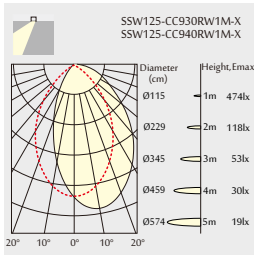
SSW125

3000K
(Standard)



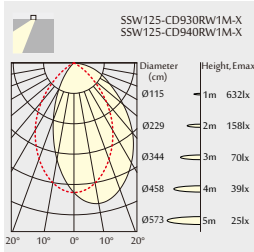
Light distribution for 3000K

18 W 680lm-750lm



Order Information								
SSW125 680-750 Lm Models (White trim, CITIZEN LED, Matt reflector)								
Code	LED output	Module output	LED Voltage	LED Current	LED Power	System Power	CRI	CCT
SSW125-CC930RW1M-X	2000 lm	680 lm	36 V	500mA	18 W	21 W	90	3000K
SSW125-CC940RW1M-X	2100 lm	750 lm	36 V	500mA	18 W	21 W	90	4000K
Driver: X=F (ON-OFF) X=P (Phase Dim) X=A (1-10V Dim) X=D (DALI Dim) X=N (Without Driver)								

25 W 880lm-950lm

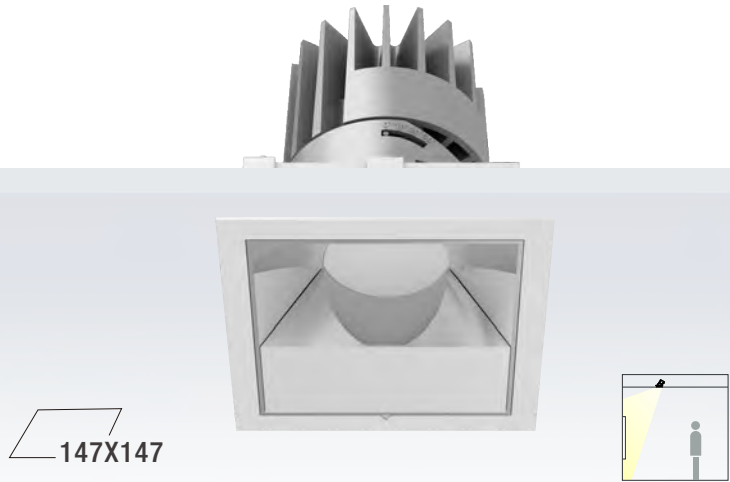


Order Information								
SSW125 880-950 Lm Models (White trim, CITIZEN LED, Matt reflector)								
Code	LED output	Module output	LED Voltage	LED Current	LED Power	System Power	CRI	CCT
SSW125-CD930RW1M-X	2600 lm	880 lm	36 V	700mA	25 W	28 W	90	3000K
SSW125-CD940RW1M-X	2700 lm	950 lm	36 V	700mA	25 W	28 W	90	4000K
Driver: X=F (ON-OFF) X=P (Phase Dim) X=A (1-10V Dim) X=D (DALI Dim) X=N (Without Driver)								



START / SSW 150
LED Downlight
Wall Washer

CE UGR
< 19



Quickinfo

GENERAL
recessed
wall washer asymmetric
square

LED
COB LED module
2700K, 3000K, 4000K
CRI > 80, CRI > 90
Bining < 3-Step MacAdam

ESTIMATED LED LIFETIME
L80 / 50.000h

OPTICAL
direct illumination
asymmetric

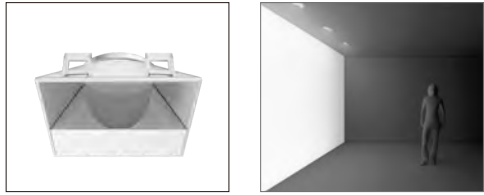
PHYSICAL
aluminium
wet painting
secondary reflector plastic

Function

Asymmetric wall washer reflector evenly illuminates walls. Thermally engineered heatsink creates highly efficient passive cooling system.

Anti-glare accessory provides maximum eye comfort. Trimless installation downlight and accessory are available.

Features



Specially designed asymmetric reflector generates homogeneous illumination of the wall

Order options

SYSTEM POWER
28W
42W

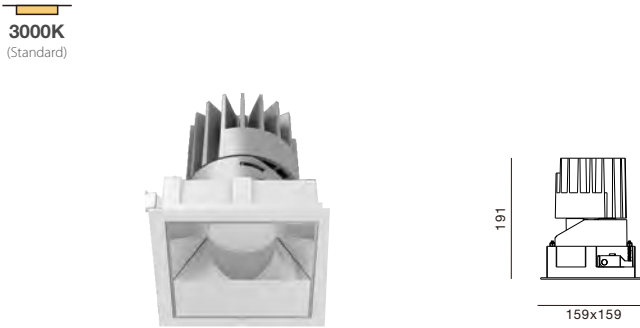
COLOUR TEMPERATURE
2700K
3000K
4000K

COLOR RENDERING INDEX
CRI 80
CRI 90

ELECTRICAL
non DIM
phase DIM
1-10V
DALI

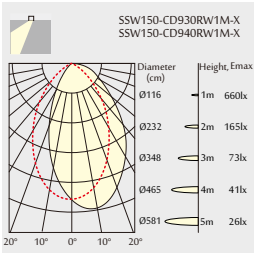


SSW150



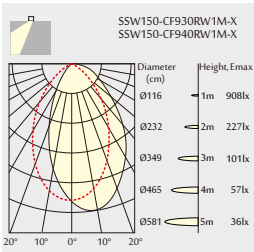
Light distribution for 3000K

25 W 900lm-950lm

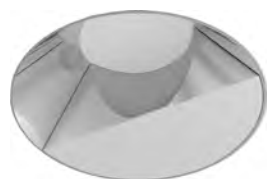
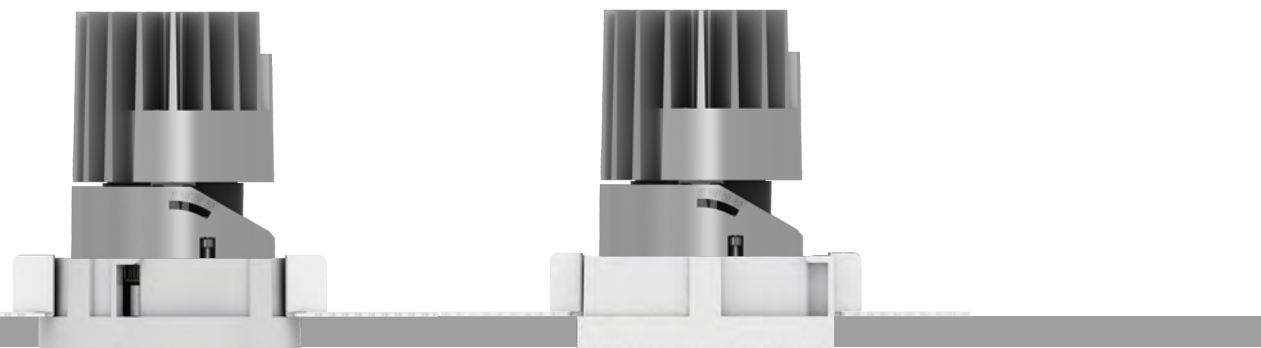


Order Information								
SSW150 900-950 Lm Models (White trim, CITIZEN LED, Matt reflector)								
Code	LED output	Module output	LED Voltage	LED Current	LED Power	System Power	CRI	CCT
SSW150-CD930RW1M-X	2700 lm	900 lm	36 V	700mA	25 W	28 W	90	3000K
SSW150-CD940RW1M-X	2800 lm	950 lm	36 V	700mA	25 W	28 W	90	4000K
Driver: X=F (ON-OFF) X=P (Phase Dim) X=A (1-10V Dim) X=D (DALI Dim) X=N (Without Driver)								

38 W 1300lm-1400lm



Order Information								
SSW150 1300-1400 Lm Models (White trim, CITIZEN LED, Matt reflector)								
Code	LED output	Module output	LED Voltage	LED Current	LED Power	System Power	CRI	CCT
SSW150-CF930RW1M-X	3700 lm	1300 lm	36 V	1050mA	38 W	42 W	90	3000K
SSW150-CF940RW1M-X	3900 lm	1400 lm	36 V	1050mA	38 W	42 W	90	4000K
Driver: X=F (ON-OFF) X=P (Phase Dim) X=A (1-10V Dim) X=D (DALI Dim) X=N (Without Driver)								



TRW100
TRW125
TRW150



TSW100
TSW125
TSW150

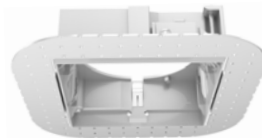


Trimless Version Available

Make your downlight invisible in the ceiling, fit for 12.5mm and 25mm thickness ceiling
Interchangeable downlight fixture and trimless accessory.
All technical datasheets are the same as adjustable series downlight (TRW and TSW, page 136-147).



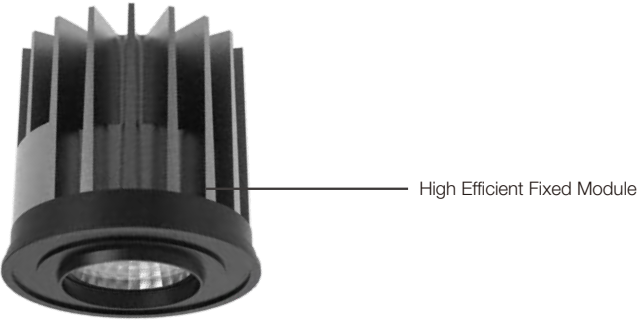
European Version



American Version



Higher lumen efficiency
Wider beam angle
Lower height for limited ceiling space
Compatible with standard components



High Efficient Fixed Module



Optional honeycomb mesh
provides zero-glare effect



Round/Square trim for
one light engine



Trimless Version
Available



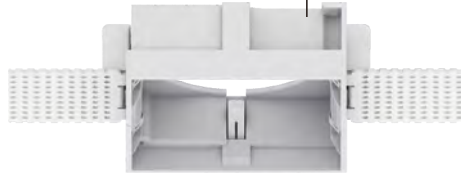
Interchangeable
secondary reflector



Trimless Version
Available



Trimless Version
Available



Trimless Version
Available

NEW



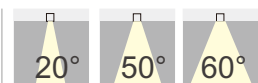
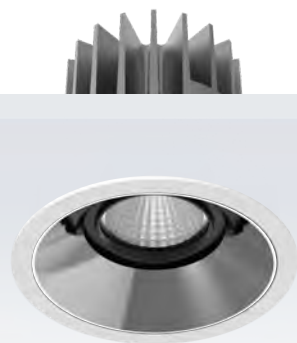
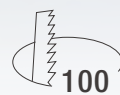
High Efficient Fixed Module



ERF100



ESF100

UGR
< 19**Quickinfo****GENERAL**

recessed
fixed
round

LED

COB LED module
2700K, 3000K, 4000K
CRI > 80, CRI > 90
Bining < 3-Step MacAdam

ESTIMATED LED LIFETIME

L80 / 50.000h

OPTICAL

direct illumination
beam angle 20°, 50°, 60°

PHYSICAL

aluminium
wet painting
secondary reflector plastic

Function

Higher lumen efficiency.
Wider beam angle.
Lower height for limited ceiling
space.

Compatible with standard
components.

Order options**SYSTEM POWER**

15W
21W

COLOUR TEMPERATURE

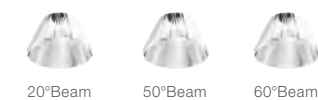
2700K
3000K
4000K

COLOR RENDERING INDEX

CRI 80
CRI 90

ELECTRICAL

non DIM
phase DIM
1-10V
DALI

PRIMARY REFLECTOR**TRIM**

Trim (Standard)

TRIMLESS

European Version



American Version

ANTI-GLARE ACCESSORY

Honeycomb mesh

SECONDARY REFLECTOR

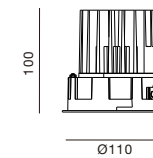
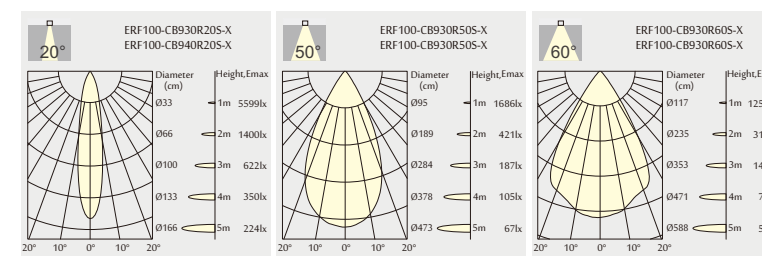
Specular Chrome Black White



Matt . Black Gold

ERF100

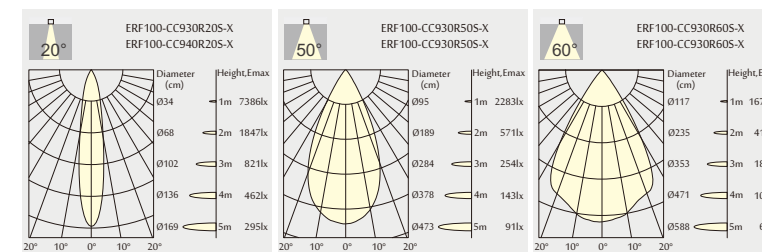
3000K
(Standard)

**Light distribution for 3000K****13W 1100lm-1200lm****Order Information**

ERF100-13W 1100 Lm MODELS (White trim, CITIZEN LED, Specular reflector)

Code	LED output	Module output	LED Voltage	LED Current	LED Power	System Power	CRI	CCT	BEAM
ERF100-CB930R20S-X	1300 lm	1100 lm	36 V	350 mA	13 W	15 W	90	3000K	20°
ERF100-CB940R20S-X	1400 lm	1200 lm	36 V	350 mA	13 W	15 W	90	4000K	20°
ERF100-CB930R50S-X	1300 lm	1100 lm	36 V	350 mA	13 W	15 W	90	3000K	50°
ERF100-CB940R50S-X	1400 lm	1200 lm	36 V	350 mA	13 W	15 W	90	4000K	50°
ERF100-CB930R60S-X	1300 lm	1100 lm	36 V	350 mA	13 W	15 W	90	3000K	60°
ERF100-CB940R60S-X	1400 lm	1200 lm	36 V	350 mA	13 W	15 W	90	4000K	60°

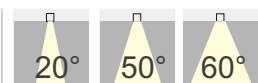
Remark: X= F (ON-OFF) X= P (Phase Dim) X= A (1-10V Dim) X= D (DALI Dim) X= N (Without Driver)

18W 1500lm-1600lm**Order Information**

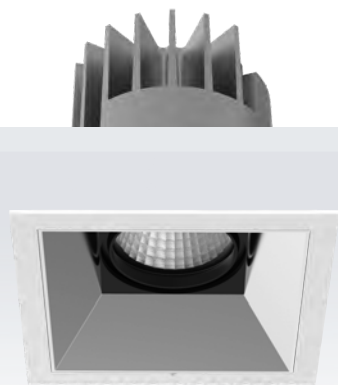
ERF100-18W 1500 Lm MODELS (White trim, CITIZEN LED, Specular reflector)

Code	LED output	Module output	LED Voltage	LED Current	LED Power	System Power	CRI	CCT	BEAM
ERF100-CC930R20S-X	1700 lm	1500 lm	36 V	500 mA	18 W	21 W	90	3000K	20°
ERF100-CC940R20S-X	1800 lm	1600 lm	36 V	500 mA	18 W	21 W	90	4000K	20°
ERF100-CC930R50S-X	1700 lm	1500 lm	36 V	500 mA	18 W	21 W	90	3000K	50°
ERF100-CC940R50S-X	1800 lm	1600 lm	36 V	500 mA	18 W	21 W	90	4000K	50°
ERF100-CC930R60S-X	1700 lm	1500 lm	36 V	500 mA	18 W	21 W	90	3000K	60°
ERF100-CC940R60S-X	1800 lm	1600 lm	36 V	500 mA	18 W	21 W	90	4000K	60°

Remark: X= F (ON-OFF) X= P (Phase Dim) X= A (1-10V Dim) X= D (DALI Dim) X= N (Without Driver)

UGR
< 19

96X96

**Quickinfo****GENERAL**

recessed
fixed
square

LED

COB LED module
2700K, 3000K, 4000K
CRI > 80, CRI > 90
Bining < 3-Step MacAdam

ESTIMATED LED LIFETIME

L80 / 50.000h

OPTICAL

direct illumination
beam angle 20°, 50°, 60°

PHYSICAL

aluminium
wet painting
secondary reflector plastic

Function

Higher lumen efficiency.
Wider beam angle.
Lower height for limited ceiling
space.

Compatible with standard
components.

Order options**SYSTEM POWER**

15W
21W

COLOUR TEMPERATURE

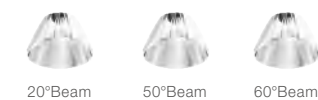
2700K
3000K
4000K

COLOR RENDERING INDEX

CRI 80
CRI 90

ELECTRICAL

non DIM
phase DIM
1-10V
DALI

PRIMARY REFLECTOR**TRIM**

Trim (Standard)

TRIMLESS

European Version



American Version

ANTI-GLARE ACCESSORY

Honeycomb mesh

SECONDARY REFLECTOR

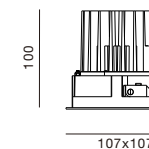
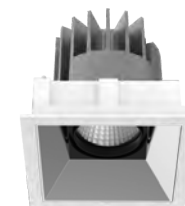
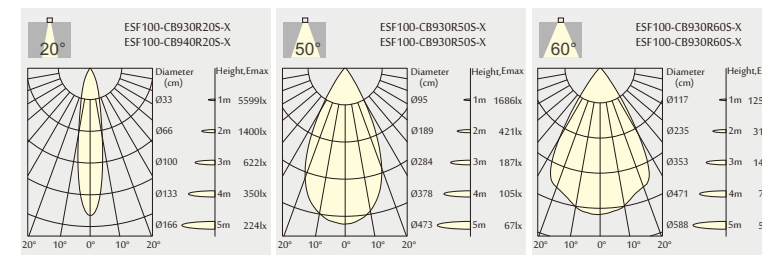
Specular Chrome Black White



Matt , Black Gold

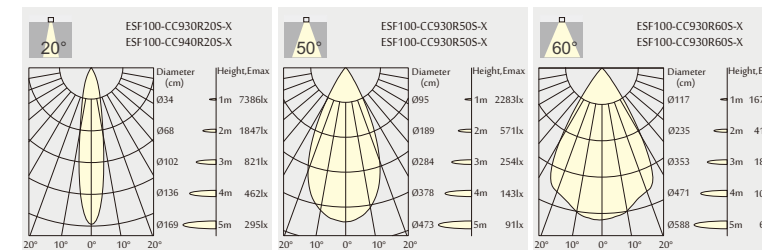
ESF100

3000K
(Standard)

**Light distribution for 3000K****13W 1100lm-1200lm****Order Information****ESF100 1100 Lm MODELS** (White trim, CITIZEN LED, Specular reflector)

Code	LED output	Module output	LED Voltage	LED Current	LED Power	System Power	CRI	CCT	BEAM
ESF100-CB930R20S-X	1300 lm	1100 lm	36 V	350 mA	13 W	15 W	90	3000K	20°
ESF100-CB940R20S-X	1400 lm	1200 lm	36 V	350 mA	13 W	15 W	90	4000K	20°
ESF100-CB930R50S-X	1300 lm	1100 lm	36 V	350 mA	13 W	15 W	90	3000K	50°
ESF100-CB940R50S-X	1400 lm	1200 lm	36 V	350 mA	13 W	15 W	90	4000K	50°
ESF100-CB930R60S-X	1300 lm	1100 lm	36 V	350 mA	13 W	15 W	90	3000K	60°
ESF100-CB940R60S-X	1400 lm	1200 lm	36 V	350 mA	13 W	15 W	90	4000K	60°

Remark: X= F (ON-OFF) X= P (Phase Dim) X= A (1-10V Dim) X= D (DALI Dim) X= N (Without Driver)

18W 1500lm-1600lm**Order Information****ESF100 1500 Lm MODELS** (White trim, CITIZEN LED, Specular reflector)

Code	LED output	Module output	LED Voltage	LED Current	LED Power	System Power	CRI	CCT	BEAM
ESF100-CC930R20S-X	1700 lm	1500 lm	36 V	500 mA	18 W	21 W	90	3000K	20°
ESF100-CC940R20S-X	1800 lm	1600 lm	36 V	500 mA	18 W	21 W	90	4000K	20°
ESF100-CC930R50S-X	1700 lm	1500 lm	36 V	500 mA	18 W	21 W	90	3000K	50°
ESF100-CC940R50S-X	1800 lm	1600 lm	36 V	500 mA	18 W	21 W	90	4000K	50°
ESF100-CC930R60S-X	1700 lm	1500 lm	36 V	500 mA	18 W	21 W	90	3000K	60°
ESF100-CC940R60S-X	1800 lm	1600 lm	36 V	500 mA	18 W	21 W	90	4000K	60°

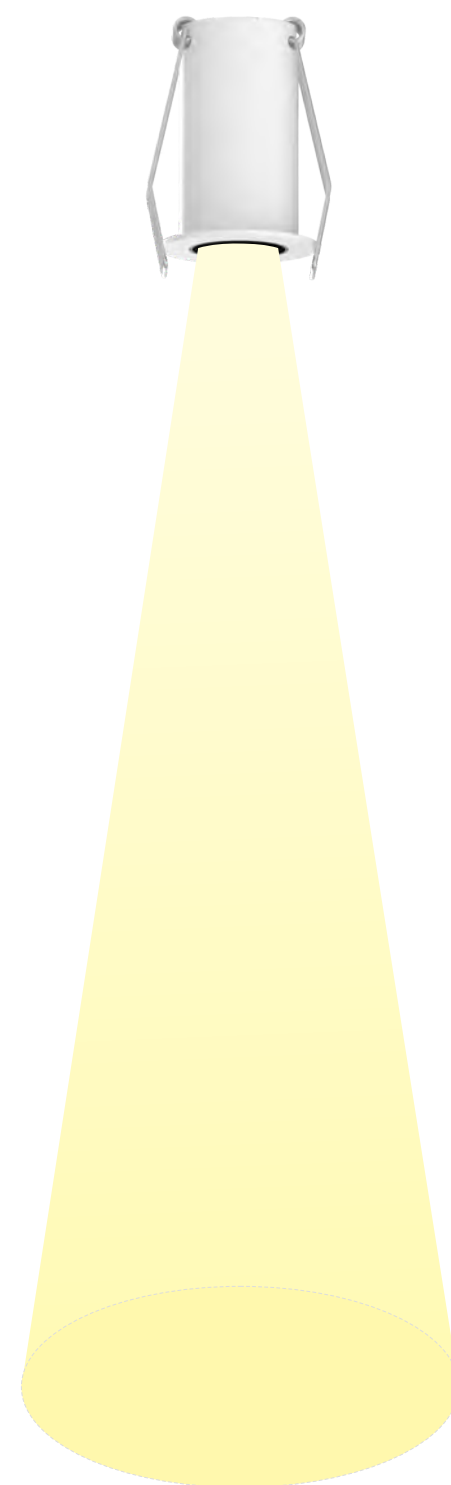
Remark: X= F (ON-OFF) X= P (Phase Dim) X= A (1-10V Dim) X= D (DALI Dim) X= N (Without Driver)



START-C Display Case



START-45 & 68 Display Case



DOT-G



DOT35-G



DOT45-G

DOT-H

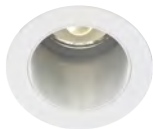


DOT45-H



DOT35-H

DECORATION REFLECTOR



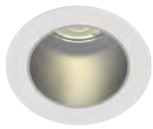
white



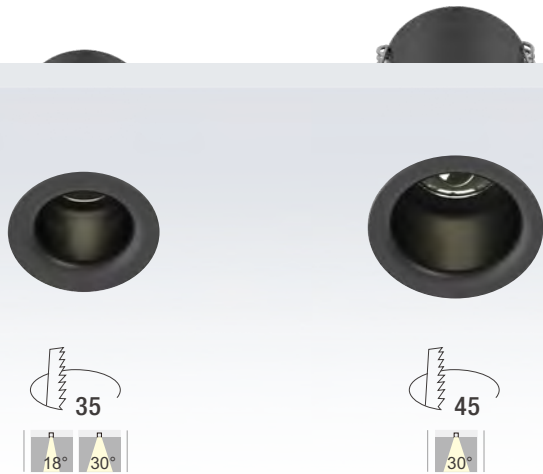
black



gold



silver



Quickinfo

GENERAL

recessed
fixed
round

LED

SMD LED module
2700K, 3000K, 4000K
CRI > 80, CRI > 90
Bining < 3-Step MacAdam

ESTIMATED LED LIFETIME

L80 / 50.000h

OPTICAL

direct illumination
beam angle 18°, 30°

PHYSICAL

aluminium
wet painting

Function

Minimalistic design with cutout of 35mm,45mm.
Deep recessed LED.
Soft curved design.
With complete glare control and visual comfort.
Broad choices of different beam angle lens by tool free change.

Order options

SYSTEM POWER

1.6W
6W

COLOUR TEMPERATURE

2700K
3000K
4000K

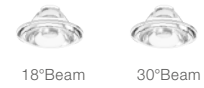
COLOR RENDERING INDEX

CRI 80
CRI 90

ELECTRICAL

non DIM

LENS



COLOUR

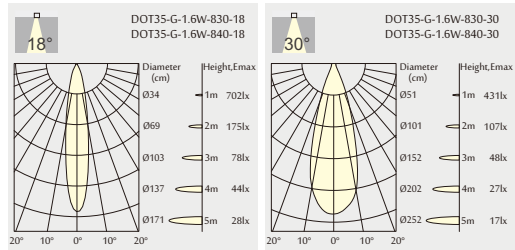


DOT35,45-G



Light distribution for 3000K

DOT35-G 1.6W 110 lm-120 lm

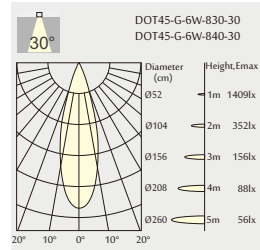


Order Information

DOT35-G-1.6W 110-120 Lm MODELS (CREE LED)

Code	LED output	Module output	LED Voltage	LED Current	LED Power	System Power	CRI	CCT	BEAM
DOT35-G-830-18	150 lm	110 lm	3.2 V	500 mA	1.6 W	2.5 W	83	3000K	18°
DOT35-G-840-18	160 lm	120 lm	3.2 V	500 mA	1.6 W	2.5 W	83	4000K	18°
DOT35-G-830-30	150 lm	110 lm	3.2 V	500 mA	1.6 W	2.5 W	83	3000K	30°
DOT35-G-840-30	160 lm	120 lm	3.2 V	500 mA	1.6 W	2.5 W	83	4000K	30°

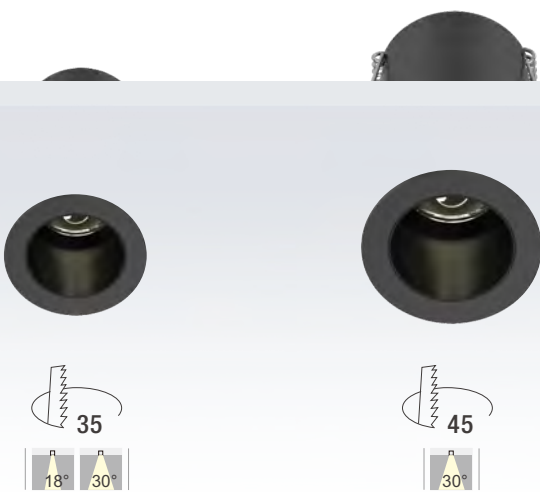
DOT45-G 6W 420 lm-450 lm



Order Information

DOT45-G-6W 420-450 Lm MODELS (LUMINUS LED)

Code	LED output	Module output	LED Voltage	LED Current	LED Power	System Power	CRI	CCT	BEAM
DOT45-G-830-30	550 lm	420 lm	18 V	350 mA	6 W	8 W	83	3000K	30°
DOT45-G-840-30	600 lm	450 lm	18 V	350 mA	6 W	8 W	83	4000K	30°



Quickinfo

GENERAL
recessed
fixed
round
LED
SMD LED module
2700K, 3000K, 4000K
CRI > 80, CRI > 90
Bining < 3-Step MacAdam
ESTIMATED LED LIFETIME
L80 / 50.000h
OPTICAL
direct illumination
beam angle 18°, 30°
PHYSICAL
aluminium
wet painting
decoration ring aluminium

Function

Minimalistic design with cutout of 35mm,45mm.
Deep recessed LED.
Soft curved design.
With complete glare control and visual comfort.
Broad choices of different beam angle lens by tool free change.
Interchangeable internal ring with various decoration colors.

Order options

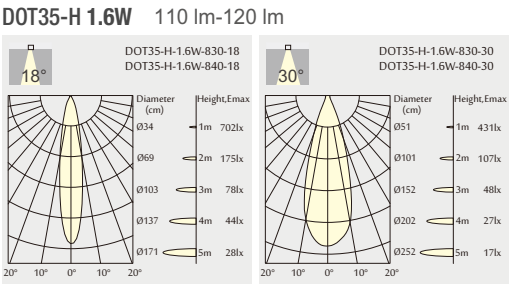
SYSTEM POWER
2.5W 6W
COLOUR TEMPERATURE
2700K 3000K 4000K
COLOR RENDERING INDEX
CRI 80 CRI 90
ELECTRICAL
non DIM



DOT35,45-H



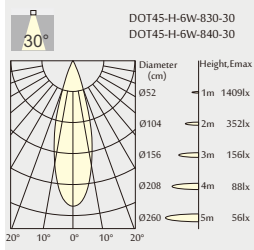
Light distribution for 3000K



Order Information

DOT35-H-1.6W 110-120 Lm MODELS (CREE LED)									
Code	LED output	Module output	LED Voltage	LED Current	LED Power	System Power	CRI	CCT	BEAM
DOT35-H-830-18	150 lm	110 lm	3.2 V	500 mA	1.6 W	2.5 W	83	3000K	18°
DOT35-H-840-18	160 lm	120 lm	3.2 V	500 mA	1.6 W	2.5 W	83	4000K	18°
DOT35-H-830-30	150 lm	110 lm	3.2 V	500 mA	1.6 W	2.5 W	83	3000K	30°
DOT35-H-840-30	160 lm	120 lm	3.2 V	500 mA	1.6 W	2.5 W	83	4000K	30°

DOT45-H 6W 420 lm-450 lm

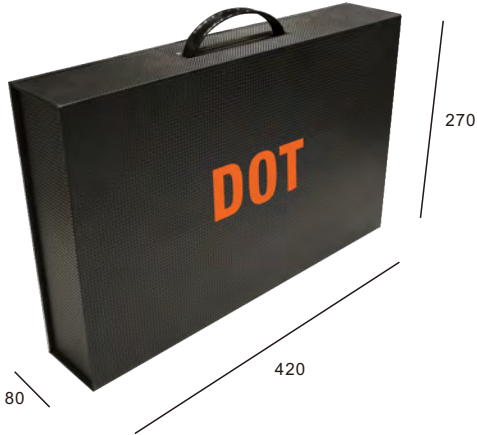


Order Information

DOT45-H-6W 420-450 Lm MODELS (LUMINUS LED)									
Code	LED output	Module output	LED Voltage	LED Current	LED Power	System Power	CRI	CCT	BEAM
DOT45-H-830-30	550 lm	420 lm	18 V	350 mA	6 W	8 W	83	3000K	30°
DOT45-H-840-30	600 lm	450 lm	18 V	350 mA	6 W	8 W	83	4000K	30°



DOT Display Case



FIXED

ADJUSTABLE

WALLWASHER

TRIMLESS

LF2
62X37



LF3
90X37



LF5
144X37



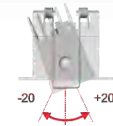
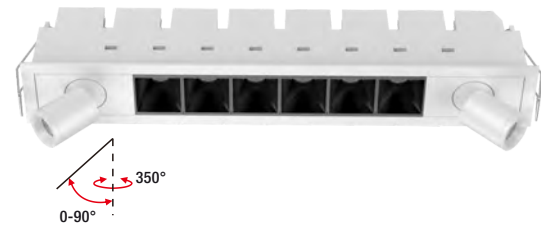
LF10
282X37



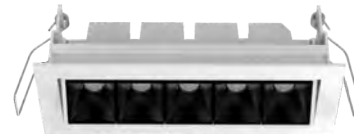
LF3-LS1
144X37



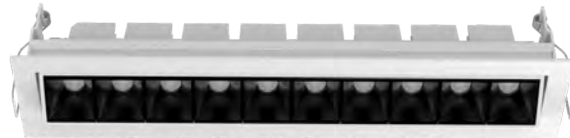
LF6-LS2
282X37



LA5
160X52



LA10
298X52



LW5
144X37



LW10
282X37



LFT5
152X44



LFT10
290X44



LFT3-LS1
152X44



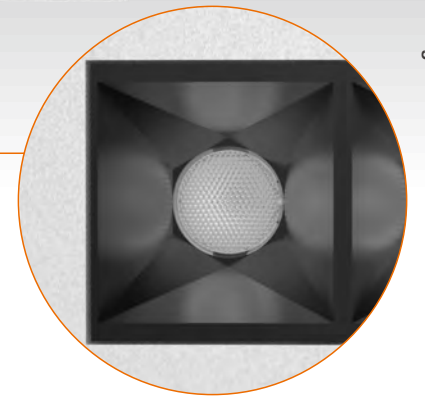
LFT6-LS1
290X44



LWT5
152X44



LWT10
290X44



Secondary Reflector

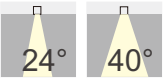


black white matt gold

Colour



white black



UGR
< 19



62X37

Quickinfo

GENERAL

recessed
fixed
square

LED

SMD LED module
2700K, 3000K, 4000K
CRI > 80, CRI > 90
Bining < 3-Step MacAdam

ESTIMATED LED LIFETIME

L80 / 50.000h

OPTICAL

direct illumination
beam angle 24°, 40°

PHYSICAL

aluminium
wet painting
secondary reflector plastic

Function

- Ultra miniature recessed LED downlight
- Perfect combination of lens & reflector
- Superior glare control

Order options

SYSTEM POWER

6W

COLOUR TEMPERATURE

2700K
3000K
4000K

COLOR RENDERING INDEX

CRI 80
CRI 90

ELECTRICAL

non DIM

LENS



24° Beam



40° Beam

COLOUR



Black



White

SECONDARY REFLECTOR



Matt



White



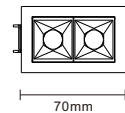
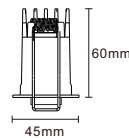
Gold



, Black

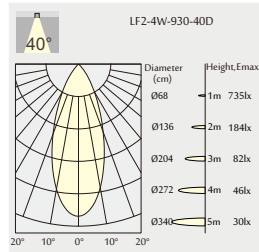
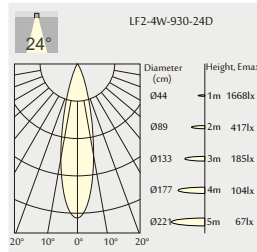
LF2

3000K
(Standard)



Light distribution for 3000K

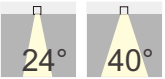
4W 300lm-350lm



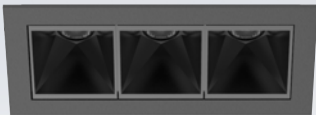
OSRAM LED pwered by 700mA constant current LED driver, White trim, Black reflector

Code	LED Power	System Power	LED Voltage	LED Current	CRI	CCT	BEAM	LED output	System output
LF2-4W-930-24D	4 W	6 W	6.5 V	700 mA	90	3000K	24°	380 lm	300 lm
LF2-4W-940-24D	4 W	6 W	6.5 V	700 mA	90	4000K	24°	450 lm	350 lm
LF2-4W-930-40D	4 W	6 W	6.5 V	700 mA	90	3000K	40°	380 lm	300 lm
LF2-4W-940-40D	4 W	6 W	6.5 V	700 mA	90	4000K	40°	450 lm	350 lm

Remark: X= F (ON-OFF) X=N (Without Driver)



UGR
< 19



90X37

Quickinfo

GENERAL

recessed
fixed
square

LED

SMD LED module
2700K, 3000K, 4000K
CRI > 80, CRI > 90
Bining < 3-Step MacAdam

ESTIMATED LED LIFETIME

L80 / 50.000h

OPTICAL

direct illumination
beam angle 24°, 40°

PHYSICAL

aluminium
wet painting
secondary reflector plastic

Function

- Ultra miniature recessed LED downlight
- Perfect combination of lens & reflector
- Superior glare control

Order options

SYSTEM POWER

9W

COLOUR TEMPERATURE

2700K
3000K
4000K

COLOR RENDERING INDEX

CRI 80
CRI 90

ELECTRICAL

non DIM
phase DIM
1-10V
DALI

LENS



24° Beam



40° Beam

COLOUR



Black



White

SECONDARY REFLECTOR



Matt



White



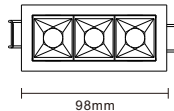
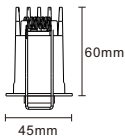
Gold



, Black

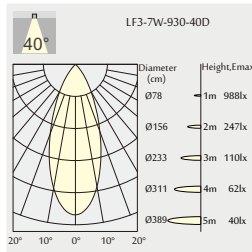
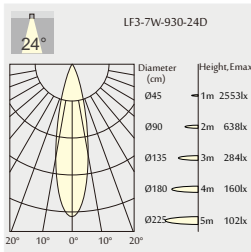
LF3

3000K
(Standard)



Light distribution for 3000K

7W 500lm-550lm



OSRAM LED pwered by 700mA constant current LED driver, White trim, Black reflector

Code	LED Power	System Power	LED Voltage	LED Current	CRI	CCT	BEAM	LED output	System output
LF3-7W-930-24D	7 W	9 W	10 V	700 mA	90	3000K	24°	650 lm	500 lm
LF3-7W-940-24D	7 W	9 W	10 V	700 mA	90	4000K	24°	700 lm	550 lm
LF3-7W-930-40D	7 W	9 W	10 V	700 mA	90	3000K	40°	650 lm	500 lm
LF3-7W-940-40D	7 W	9 W	10 V	700 mA	90	4000K	40°	700 lm	550 lm

Remark: X= F (ON-OFF) X= P (Phase Dim) X= A (1-10V Dim) X= D (DALI Dim) X= N (Without Driver)

LEDGO FIXED/TRIMLESS
LED Downlight



Quickinfo

GENERAL
recessed
fixed
square
trimless
LED
SMD LED module
2700K, 3000K, 4000K
CRI > 80, CRI > 90
Bining < 3-Step MacAdam
ESTIMATED LED LIFETIME
L80 / 50,000h
OPTICAL
direct illumination
beam angle 24°, 40°
PHYSICAL
aluminium
wet painting
secondary reflector plastic

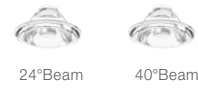
Function

- Ultra miniature recessed LED downlight
- Perfect combination of lens & reflector
- Superior glare control
- Trimless available

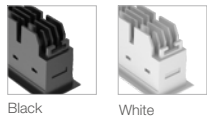
Order options

SYSTEM POWER
13W
COLOUR TEMPERATURE
2700K
3000K
4000K
COLOR RENDERING INDEX
CRI 80
CRI 90
ELECTRICAL
non DIM
phase DIM
1-10V
DALI

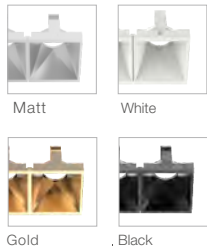
LENS



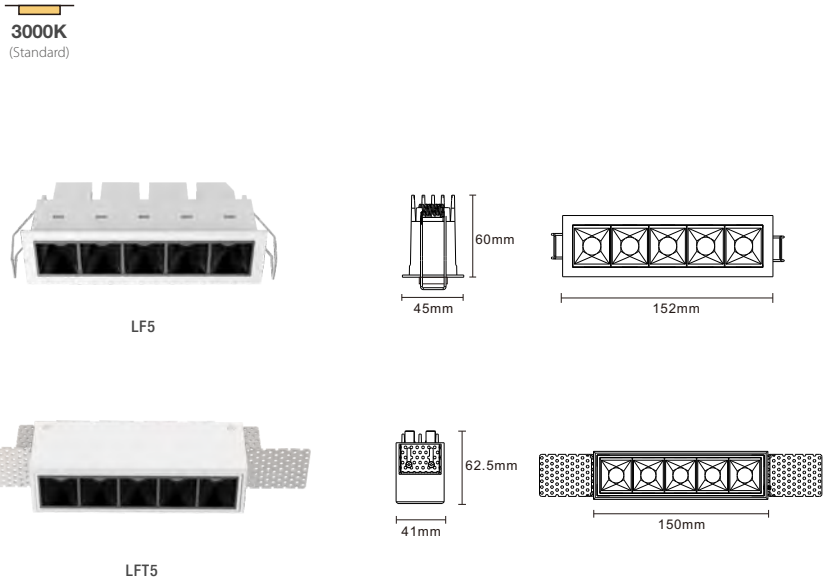
COLOUR



SECONDARY REFLECTOR

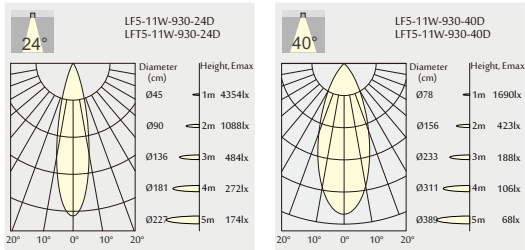


LF5/LFT5



Light distribution for 3000K

13W 800lm-850lm

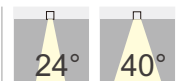


LF5-11W

OSRAM LED pwered by 700mA constant current LED driver, White trim, Black reflector									
Model	LED Power	System Power	LED Voltage	LED Current	CRI	CCT	BEAM	LED output	System output
LF5-11W-930-24D	11 W	13 W	16 V	700 mA	90	3000K	24°	1050 lm	800 lm
LF5-11W-940-24D	11 W	13 W	16 V	700 mA	90	4000K	24°	1100 lm	850 lm
LF5-11W-930-40D	11 W	13 W	16 V	700 mA	90	3000K	40°	1050 lm	800 lm
LF5-11W-940-40D	11 W	13 W	16 V	700 mA	90	4000K	40°	1100 lm	850 lm
Remark: X=F (ON-OFF) X=P (Phase Dim) X=A (1-10V Dim) X=D (DALI Dim) X=N (Without Driver)									

LFT5-11W

OSRAM LED pwered by 700mA constant current LED driver, White trimless, Black reflector									
Model	LED Power	System Power	LED Voltage	LED Current	CRI	CCT	BEAM	LED output	System output
LFT5-11W-930-24D	11 W	13 W	16 V	700 mA	90	3000K	24°	1050 lm	800 lm
LFT5-11W-940-24D	11 W	13 W	16 V	700 mA	90	4000K	24°	1100 lm	850 lm
LFT5-11W-930-40D	11 W	13 W	16 V	700 mA	90	3000K	40°	1050 lm	800 lm
LFT5-11W-940-40D	11 W	13 W	16 V	700 mA	90	4000K	40°	1100 lm	850 lm
Remark: X=F (ON-OFF) X=P (Phase Dim) X=A (1-10V Dim) X=D (DALI Dim) X=N (Without Driver)									



UGR
< 19

LF10
282X37

LFT10
290X44



Quickinfo

GENERAL

recessed
fixed
square
trimless

LED

SMD LED module
2700K, 3000K, 4000K
CRI > 80, CRI > 90
Bining < 3-Step MacAdam

ESTIMATED LED LIFETIME

L80 / 50.000h

OPTICAL

direct illumination
beam angle 24°, 40°

PHYSICAL

aluminium
wet painting
secondary reflector plastic

Function

- Ultra miniature recessed LED downlight
- Perfect combination of lens & reflector
- Superior glare control
- Trimless available

Order options

SYSTEM POWER

24W

COLOUR TEMPERATURE

2700K
3000K
4000K

COLOR RENDERING INDEX

CRI 80
CRI 90

ELECTRICAL

non DIM
phase DIM
1-10V
DALI

LENS



24° Beam



40° Beam

COLOUR



Black



White

SECONDARY REFLECTOR



Matt



White



Gold



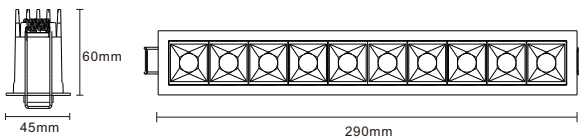
, Black

LF10/LFT10

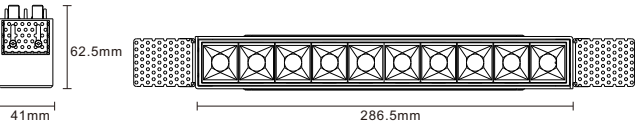
3000K
(Standard)



LF10

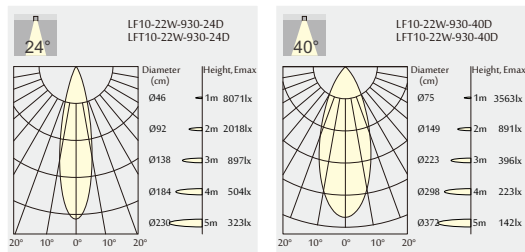


LFT10



Light distribution for 3000K

22W 1600lm-1700lm



LF10-22W

OSRAM LED pwered by 700mA constant current LED driver, White trim, Black reflector

Code	LED Power	System Power	LED Voltage	LED Current	CRI	CCT	BEAM	LED output	System output
LF10-22W-930-24D	22 W	24 W	31 V	700 mA	90	3000K	24°	2100 lm	1600 lm
LF10-22W-940-24D	22 W	24 W	31 V	700 mA	90	4000K	24°	2200 lm	1700 lm
LF10-22W-930-40D	22 W	24 W	31 V	700 mA	90	3000K	40°	2100 lm	1600 lm
LF10-22W-940-40D	22 W	24 W	31 V	700 mA	90	4000K	40°	2200 lm	1700 lm

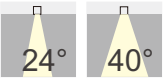
Remark: X= F (ON-OFF) X=P (Phase Dim) X=A (1-10V Dim) X=D (DALI Dim) X=N (Without Driver)

LFT10-22W

OSRAM LED pwered by 700mA constant current LED driver, White trimless, Black reflector

Code	LED Power	System Power	LED Voltage	LED Current	CRI	CCT	BEAM	LED output	System output
LFT10-22W-930-24D	22 W	24 W	31 V	700 mA	90	3000K	24°	2100 lm	1600 lm
LFT10-22W-940-24D	22 W	24 W	31 V	700 mA	90	4000K	24°	2200 lm	1700 lm
LFT10-22W-930-40D	22 W	24 W	31 V	700 mA	90	3000K	40°	2100 lm	1600 lm
LFT10-22W-940-40D	22 W	24 W	31 V	700 mA	90	4000K	40°	2200 lm	1700 lm

Remark: X= F (ON-OFF) X=P (Phase Dim) X=A (1-10V Dim) X=D (DALI Dim) X=N (Without Driver)

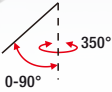


UGR
< 19

LF3-LS1
144X37



LFT3-LS1
152X44



Quickinfo

GENERAL

recessed
fixed
square

LED

SMD LED module
2700K, 3000K, 4000K
CRI > 80, CRI > 90
Bining < 3-Step MacAdam

ESTIMATED LED LIFETIME

L80 / 50,000h

OPTICAL

direct illumination
beam angle 24°, 40°

PHYSICAL

aluminium
wet painting
secondary reflector plastic

Function

- Ultra miniature recessed LED spotlight
- Spotlight 355° rotation & 90° pivot
- Superior glare control
- Square trim/ trimless

Order options

SYSTEM POWER

11W

COLOUR TEMPERATURE

2700K
3000K
4000K

COLOR RENDERING INDEX

CRI 80
CRI 90

ELECTRICAL

non DIM
phase DIM
1-10V
DALI

LENS



24°Beam



40°Beam

COLOUR



Black



White

SECONDARY REFLECTOR



Matt



White



Gold



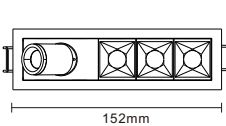
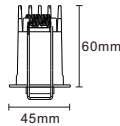
Black

LF3-LS1/LFT3-LS1

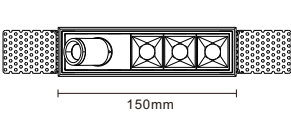
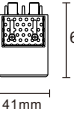
3000K
(Standard)



LF3-LS1

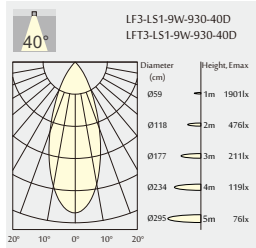
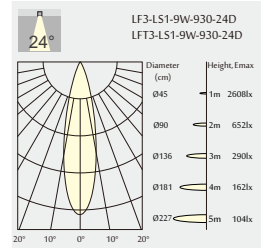


LFT3-LS1



Light distribution for 3000K

9W 600lm-650lm



LF3-LS1-9W

OSRAM LED pwered by 700mA constant current LED driver, White trim

Model	LED Power	System Power	LED Voltage	LED Current	CRI	CCT	BEAM	LED output	System output
LF3-LS1-9W-930-15D	9 W	11 W	13 V	700 mA	90	3000K	24°	800 lm	600 lm
LF3-LS1-9W-940-15D	9 W	11 W	13 V	700 mA	90	4000K	24°	850 lm	650 lm
LF3-LS1-9W-930-25D	9 W	11 W	13 V	700 mA	90	3000K	40°	800 lm	600 lm
LF3-LS1-9W-940-25D	9 W	11 W	13 V	700 mA	90	4000K	40°	850 lm	650 lm

LFT3-LS1-9W

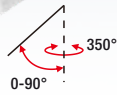
OSRAM LED pwered by 700mA constant current LED driver, White trimless

Model	LED Power	System Power	LED Voltage	LED Current	CRI	CCT	BEAM	LED output	System output
LFT3-LS1-9W-930-15D	9 W	11 W	13 V	700 mA	90	3000K	24°	800 lm	600 lm
LFT3-LS1-9W-940-15D	9 W	11 W	13 V	700 mA	90	4000K	24°	850 lm	650 lm
LFT3-LS1-9W-930-25D	9 W	11 W	13 V	700 mA	90	3000K	40°	800 lm	600 lm
LFT3-LS1-9W-940-25D	9 W	11 W	13 V	700 mA	90	4000K	40°	850 lm	650 lm



LF6-LS2
282X37

LFT6-LS2
290X44



Quickinfo

GENERAL
recessed
fixed
square

LED
SMD LED module
2700K, 3000K, 4000K
CRI > 80, CRI > 90
Bining < 3-Step MacAdam

ESTIMATED LED LIFETIME
L80 / 50,000h

OPTICAL
direct illumination
beam angle 24°, 40°

PHYSICAL
aluminium
wet painting
secondary reflector plastic

Function

- Ultra miniature recessed LED spotlight
- Spotlight 355° rotation & 90° pivot
- Superior glare control
- Square trim/ trimless

Order options

SYSTEM POWER
19W

COLOUR TEMPERATURE
2700K
3000K
4000K

COLOR RENDERING INDEX
CRI 80
CRI 90

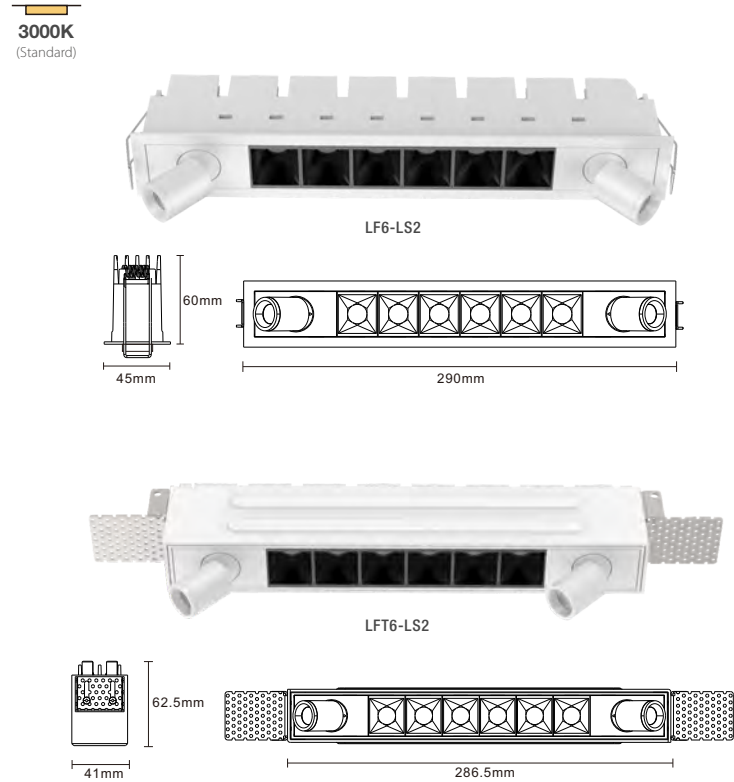
ELECTRICAL
non DIM
phase DIM
1-10V
DALI

LENS
24°Beam
40°Beam

COLOUR
Black
White

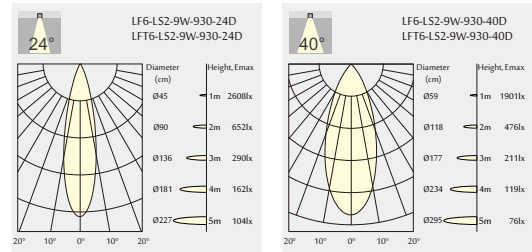
SECONDARY REFLECTOR
Matt
White
Gold
, Black

LF6-LS2/LFT6-LS2



Light distribution for 3000K

17W 1200lm-1300lm



LF6-LS2-17W

OSRAM LED pwered by 700mA constant current LED driver, White trim										
Model	LED Power	System Power	LED Voltage	LED Current	CRI	CCT	BEAM	LED output	System output	
LF6-LS2-18W-930-24D	17 W	19 W	25 V	700 mA	90	3000K	24°	1600 lm	1200 lm	
LF6-LS2-18W-940-24D	17 W	19 W	25 V	700 mA	90	4000K	24°	1700 lm	1300 lm	
LF6-LS2-18W-930-40D	17 W	19 W	25 V	700 mA	90	3000K	40°	1600 lm	1200 lm	
LF6-LS2-18W-940-40D	17 W	19 W	25V	700 mA	90	4000K	40°	1700 lm	1300 lm	

Remark: X= F (ON-OFF) X=P (Phase Dim) X=A (1-10V Dim) X=D (DALI Dim) X=N (Without Driver)

LFT6-LS2-17W

OSRAM LED pwered by 700mA constant current LED driver, White trimless										
Model	LED Power	System Power	LED Voltage	LED Current	CRI	CCT	BEAM	LED output	System output	
LFT6-LS2-18W-930-24D	17 W	19 W	25 V	700 mA	90	3000K	24°	1600 lm	1200 lm	
LFT6-LS2-18W-940-24D	17 W	19 W	25 V	700 mA	90	4000K	24°	1700 lm	1300 lm	
LFT6-LS2-18W-930-40D	17 W	19 W	25 V	700 mA	90	3000K	40°	1600 lm	1200 lm	
LFT6-LS2-18W-940-40D	17 W	19 W	25V	700 mA	90	4000K	40°	1700 lm	1300 lm	

Remark: X= F (ON-OFF) X=P (Phase Dim) X=A (1-10V Dim) X=D (DALI Dim) X=N (Without Driver)



Quickinfo

GENERAL

recessed
adjustable
square

LED

SMD LED module
2700K, 3000K, 4000K
CRI > 80, CRI > 90
Bining < 3-Step MacAdam

ESTIMATED LED LIFETIME

L80 / 50,000h

OPTICAL

direct illumination
beam angle 24°, 40°

PHYSICAL

aluminium
wet painting
secondary reflector plastic

Function

- Adjustable LED downlight
- Perfect combination of lens & reflector
- Superior glare control

Order options

SYSTEM POWER

13W

COLOUR TEMPERATURE

2700K
3000K
4000K

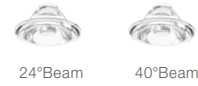
COLOR RENDERING INDEX

CRI 80
CRI 90

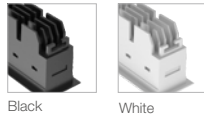
ELECTRICAL

non DIM
phase DIM
1-10V
DALI

LENS



COLOUR

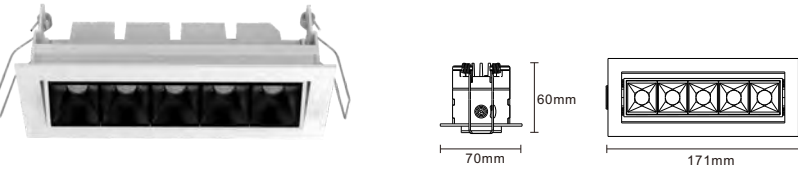


SECONDARY REFLECTOR



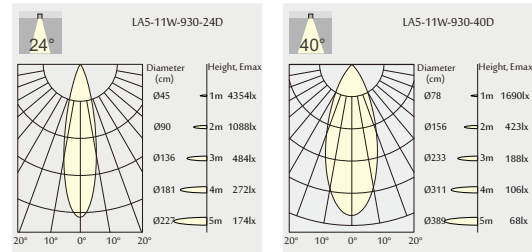
LA5

3000K
(Standard)



Light distribution for 3000K

11W 800lm-850lm

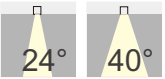


LA5-11W

OSRAM LED pwered by 700mA constant current LED driver, White trim, Black reflector

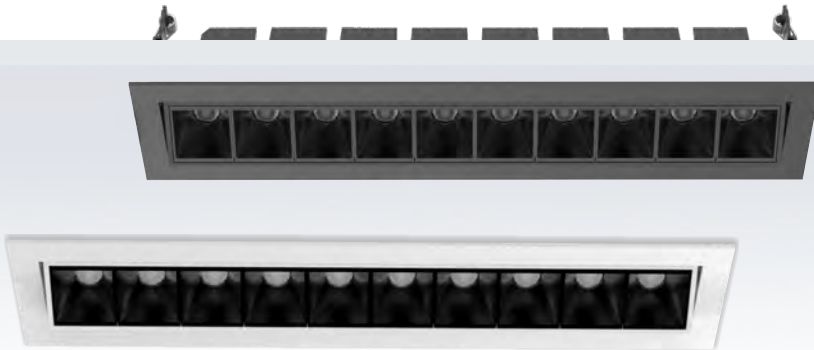
Code	LED Power	System Power	LED Voltage	LED Current	CRI	CCT	BEAM	LED output	System output
LA5-11W-930-24D	11 W	13 W	16 V	700 mA	90	3000K	24°	1050 lm	800 lm
LA5-11W-940-24D	11 W	13 W	16 V	700 mA	90	4000K	24°	1100 lm	850 lm
LA5-11W-930-40D	11 W	13 W	16 V	700 mA	90	3000K	40°	1050 lm	800 lm
LA5-11W-940-40D	11 W	13 W	16 V	700 mA	90	4000K	40°	1100 lm	850 lm

Remark: X=F (ON-OFF) X=P (Phase Dim) X=A (1-10V Dim) X=D (DALI Dim) X=N (Without Driver)



UGR
< 19

298X52



Quickinfo

GENERAL

recessed
adjustable
square

LED

SMD LED module
2700K, 3000K, 4000K
CRI > 80, CRI > 90
Bining < 3-Step MacAdam

ESTIMATED LED LIFETIME

L80 / 50,000h

OPTICAL

direct illumination
beam angle 24°, 40°

PHYSICAL

aluminium
wet painting
secondary reflector plastic

Function

- Adjustable LED downlight
- Perfect combination of lens & reflector
- Superior glare control

Order options

SYSTEM POWER

24W

COLOUR TEMPERATURE

2700K
3000K
4000K

COLOR RENDERING INDEX

CRI 80
CRI 90

ELECTRICAL

non DIM
phase DIM
1-10V
DALI

LENS



24°Beam



40°Beam

COLOUR



Black



White

SECONDARY REFLECTOR



Matt



White



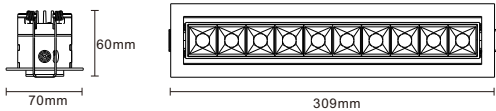
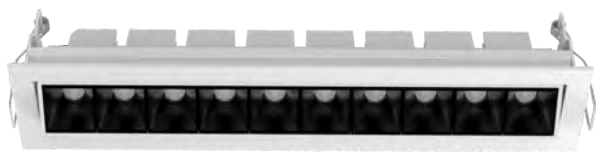
Gold



, Black

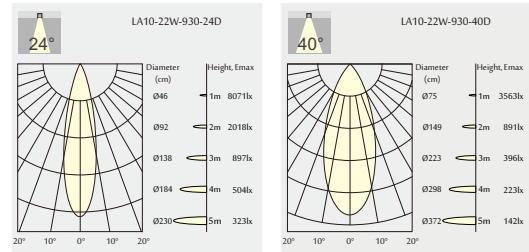
LA10

3000K
(Standard)



Light distribution for 3000K

22W 1600lm-1700lm

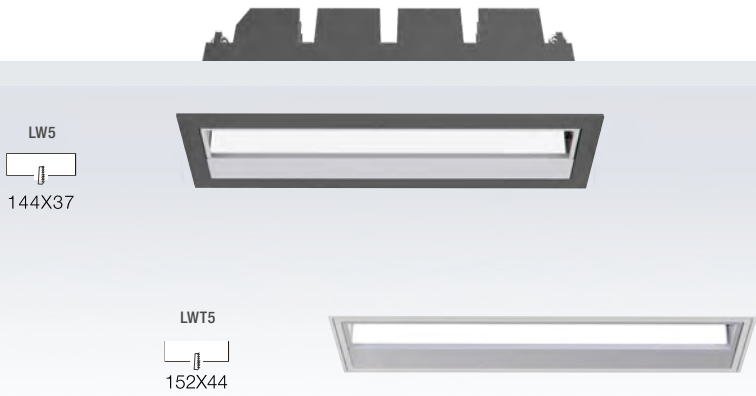


LA10-22W

OSRAM LED pwered by 700mA constant current LED driver, White trim, Black reflector

Model	LED Power	System Power	LED Voltage	LED Current	CRI	CCT	BEAM	LED output	System output
LA10-22W-930-24D	22 W	24 W	31 V	700 mA	90	3000K	24°	2100 lm	1600 lm
LA10-22W-940-24D	22 W	24 W	31 V	700 mA	90	4000K	24°	2200 lm	1700 lm
LA10-22W-930-40D	22 W	24 W	31 V	700 mA	90	3000K	40°	2100 lm	1600 lm
LA10-22W-940-40D	22 W	24 W	31 V	700 mA	90	4000K	40°	2200 lm	1700 lm

Remark: X=F (ON-OFF) X=P (Phase Dim) X=A (1-10V Dim) X=D (DALI Dim) X=N (Without Driver)



Quickinfo

GENERAL
recessed
wallwasher
square
trimless
LED
SMD LED module
2700K, 3000K, 4000K
CRI > 80, CRI > 90
Bining < 3-Step MacAdam
ESTIMATED LED LIFETIME
L80 / 50.000h
OPTICAL
direct illumination
PHYSICAL
aluminium
wet painting

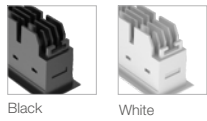
Function

- Ultra miniature recessed LED downlight
- Perfect combination of lens & reflector
- Superior glare control
- Trimless available

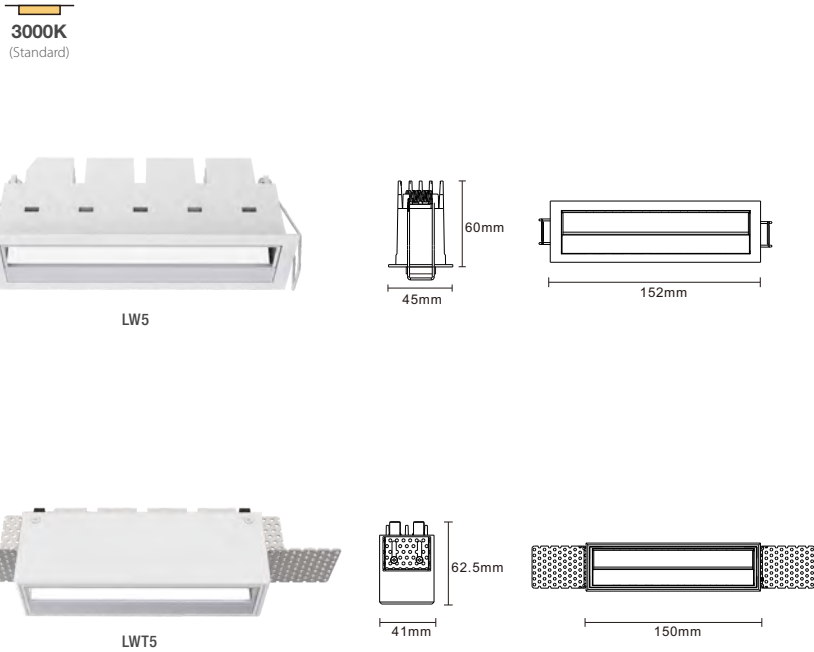
Order options

SYSTEM POWER
13W
COLOUR TEMPERATURE
2700K
3000K
4000K
COLOR RENDERING INDEX
CRI 80
CRI 90
ELECTRICAL
non DIM
phase DIM
1-10V
DALI

COLOUR

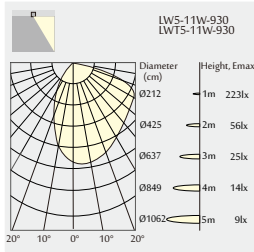


LW5/LWT5



Light distribution for 3000K

11W 500lm-550lm



LW5-11W

OSRAM LED pwered by 700mA constant current LED driver, White trim, Matt reflector

Model	LED Power	System Power	LED Voltage	LED Current	CRI	CCT	LED output	System output
LW5-11W-930	11 W	13 W	16 V	700 mA	90	3000K	1050 lm	500 lm
LW5-11W-940	11 W	13 W	16 V	700 mA	90	4000K	1100 lm	550 lm

Remark: X= F (ON-OFF) X=P (Phase Dim) X=A (1-10V Dim) X=D (DALI Dim) X=N (Without Driver)

LWT5-11W

OSRAM LED pwered by 700mA constant current LED driver, White trimless, Matt reflector

Model	LED Power	System Power	LED Voltage	LED Current	CRI	CCT	LED output	System output
LWT5-11W-930	11 W	13 W	16 V	700 mA	90	3000K	1050 lm	500 lm
LWT5-11W-940	11 W	13 W	16 V	700 mA	90	4000K	1100 lm	550 lm

Remark: X= F (ON-OFF) X=P (Phase Dim) X=A (1-10V Dim) X=D (DALI Dim) X=N (Without Driver)



Quickinfo

GENERAL
recessed
wallwasher
square
trimless
LED
SMD LED module
2700K, 3000K, 4000K
CRI > 80, CRI > 90
Bining < 3-Step MacAdam

ESTIMATED LED LIFETIME
L80 / 50.000h

OPTICAL
direct illumination

PHYSICAL
aluminium
wet painting

Function

- Ultra miniature recessed LED downlight
- Perfect combination of lens & reflector
- Superior glare control
- Trimless available

Order options

SYSTEM POWER
24W

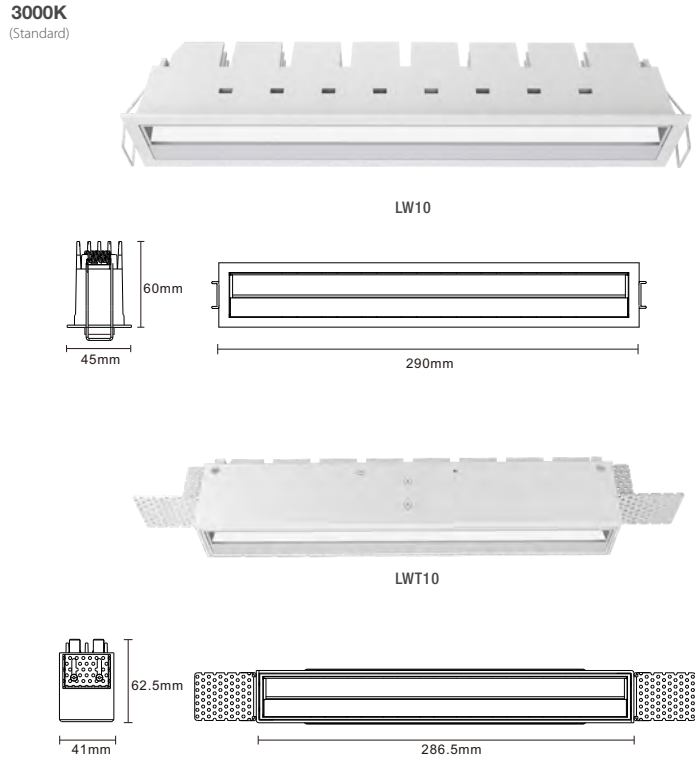
COLOUR TEMPERATURE
2700K
3000K
4000K

COLOR RENDERING INDEX
CRI 80
CRI 90

ELECTRICAL
non DIM
phase DIM
1-10V
DALI

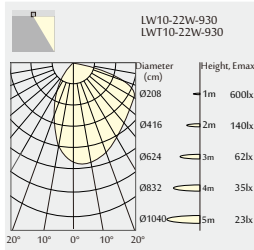
COLOUR
 Black
 White

LW10



Light distribution for 3000K

22W 1000lm-1100lm



LW10-22W

OSRAM LED pwered by 700mA constant current LED driver, White trim, Matt reflector								
Model	LED Power	System Power	LED Voltage	LED Current	CRI	CCT	LED output	System output
LW10-22W-930	22 W	24 W	31 V	700 mA	90	3000K	2100 lm	1000 lm
LW10-22W-940	22 W	24 W	31 V	700 mA	90	4000K	2200 lm	1100 lm
Remark: X= F (ON-OFF) X=P (Phase Dim) X=A (1-10V Dim) X=D (DALI Dim) X=N (Without Driver)								

LWT10-22W

OSRAM LED pwered by 700mA constant current LED driver, White trimless, Matt reflector								
Model	LED Power	System Power	LED Voltage	LED Current	CRI	CCT	LED output	System output
LWT10-22W-930	22 W	24 W	31 V	700 mA	90	3000K	2100 lm	1000 lm
LWT10-22W-940	22 W	24 W	31 V	700 mA	90	4000K	2200 lm	1100 lm
Remark: X= F (ON-OFF) X=P (Phase Dim) X=A (1-10V Dim) X=D (DALI Dim) X=N (Without Driver)								



LEDGO Display Case



One more step toward
Brilliant Downlight Module

Evo50™
LED Downlight Module



Evo50
▶ page 212



Evo50 R20
▶ page 214



Evo50 TW
▶ page 216



K50
▶ page 218



G50
▶ page 220



G50 TW
▶ page 222

Mounting Ring



A1W
▶ page 230



F4W
▶ page 231



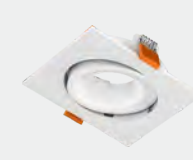
A5W
▶ page 230



R1W
▶ page 231



A6W
▶ page 230



S6W
▶ page 232



F6W
▶ page 231



S5W
▶ page 232



D1W
▶ page 233



D2W
▶ page 233



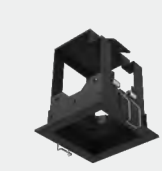
D3W
▶ page 233



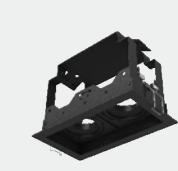
D4W
▶ page 229



D5W
▶ page 229



MX1
▶ page 234



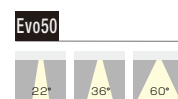
MX2
▶ page 234



MX3
▶ page 234

Evo50™
LED Downlight Module
Replace MR16 halogen 50W
Design Patent Registered

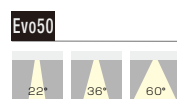
Recessed downlights



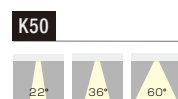
Evo50 TW CRI 95
40-900 Lm
0.6-12W

Evo50 R10 CRI 83
1300 Lm
13W

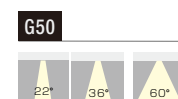
Evo50 R7 CRI 83
1100 Lm
9W



Evo50 R20 CRI 83
1900 Lm
18W



K50 CRI 83
1100 Lm
9W



G50 TW CRI 95
20-480 Lm
0.3-6W

G50 CRI 83
600 Lm
6W



For Standard
MR16 fitting

CYLINDER ACCESSORY: C135
Evo50/ K50/ G50 inside



E-Lite designed mounting rings



Small, adjustable



Fixed, IP44



Recessed, adjustable



Recessed, fixed



Adjustable, 355° rotating



Adjustable, 355° rotating



Evo50-A1W



Evo50-F4W



Evo50-A5W



Evo50-R1W



Evo50-A6W



Evo50-S6W



K50-A1W



K50-F4W



K50-A5W



K50-R1W



K50-A6W



K50-S6W



G50-A1W



G50-F4W



G50-A5W



G50-R1W



G50-A6W



G50-S6W

Hotel Lighting: New Mounted ring with dark light reflector



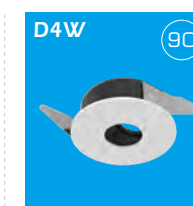
Adjustable, 355° rotating



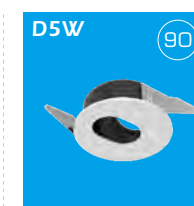
Adjustable, 355° rotating



Fixed



Adjustable, 355° rotating



Adjustable, 355° rotating



Evo50-D1W



Evo50-D2W



Evo50-D3W



Evo50-D4W



Evo50-D5W



K50-D1W



K50-D2W



K50-D3W



K50-D4W



K50-D5W



G50-D1W



G50-D2W



G50-D3W



G50-D4W



G50-D5W



Small aesthetic design



Economic, square



MATRIX Square



MATRIX Square



MATRIX Square



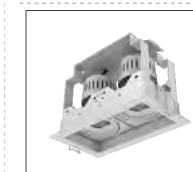
Evo50-F6W



Evo50-S5W



Evo50-MX1



Evo50-MX2



Evo50-MX3



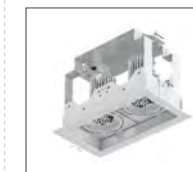
K50-F6W



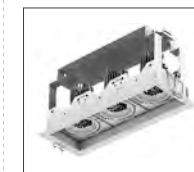
K50-S5W



K50-MX1



K50-MX2



K50-MX3



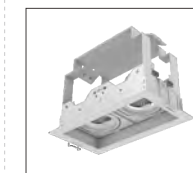
G50-F6W



G50-S5W



G50-MX1



G50-MX2



G50-MX3



Quickinfo

GENERAL

recessed

LED

COB / SMD LED module

2700K, 3000K, 4000K

CRI > 80, CRI > 90

Bining < 3-Step MacAdam

ESTIMATED LED LIFETIME

L80 / 50,000h

OPTICAL

direct illumination

beam angle 10°, 22°, 36°, 60°

PHYSICAL

aluminium

electroplating

Function

Evo50 module fits our custom mounting ring or any MR-16 fitting for wide range of applications. Its modular design helps customer to reduce stock. Anti-glare reflector with 4 beam angles, lighting effect is the same with MR16 Halogen.

Thermo-optimal design ensures long lifetime. Unique original design offers techno-marketing benefits. Evo50 R7 delivers equivalent light to premium 50W halogen. IC rating design with excellent heat dissipation.

Features



Compact heatsink consisting of fins generates optimal heat dissipation

Order options

SYSTEM POWER

10W

11W

15W

COLOUR TEMPERATURE

2700K

3000K

4000K

COLOR RENDERING INDEX

CRI 80

CRI 90

ELECTRICAL

non DIM

phase DIM

1-10V

DALI

REFLECTOR



(For CREE LED 8.5W)

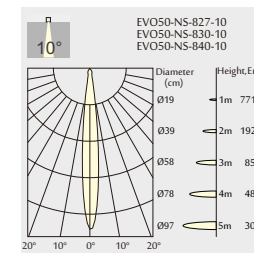
Evo50

3000K
(Standard)



Light distribution for 3000K

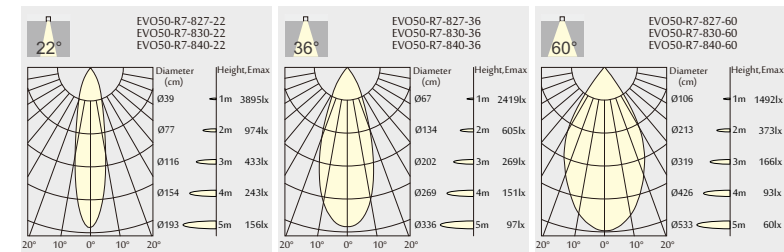
8.5W 580lm-680lm Narrow Spot Beam Version



Order Information

EVO50-NS 580-680 Lm MODELS (CREE LED)									
Code	LED output	Module output	CD	LED Voltage	LED Current	LED Power	System Power	CRI	CCT
EVO50-NS-827-10	750 lm	580 lm	7313 cd	12 V	700mA	8.5 W	10 W	83	2700K
EVO50-NS-830-10	800 lm	620 lm	7725 cd	12 V	700mA	8.5 W	10 W	83	3000K
EVO50-NS-840-10	850 lm	680 lm	8616 cd	12 V	700mA	8.5 W	10 W	83	4000K

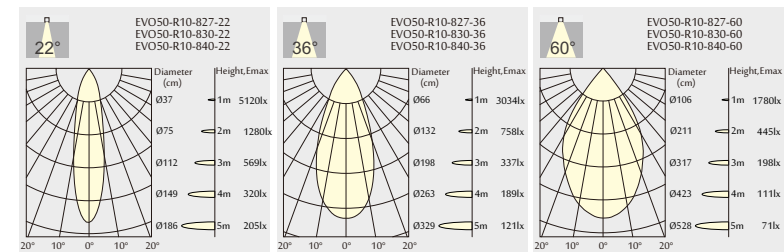
9W 1000lm-1200lm



Order Information

Evo50-R7 1000-1200 Lm MODELS (CITIZEN LED)									
Code	LED output	Module output	CD	LED Voltage	LED Current	LED Power	System Power	CRI	CCT
EVO50-R7-827-22	1300 lm	1000 lm	3897 cd	36 V	260mA	9 W	11 W	83	2700K
EVO50-R7-830-22	1400 lm	1100 lm	4084 cd	36 V	260mA	9 W	11 W	83	3000K
EVO50-R7-840-22	1500 lm	1200 lm	4443 cd	36 V	260mA	9 W	11 W	83	4000K
EVO50-R7-827-36	1300 lm	1000 lm	2297 cd	36 V	260mA	9 W	11 W	83	2700K
EVO50-R7-830-36	1400 lm	1100 lm	2419 cd	36 V	260mA	9 W	11 W	83	3000K
EVO50-R7-840-36	1500 lm	1200 lm	2590 cd	36 V	260mA	9 W	11 W	83	4000K
EVO50-R7-827-60	1300 lm	1000 lm	1385 cd	36 V	260mA	9 W	11 W	83	2700K
EVO50-R7-830-60	1400 lm	1100 lm	1492 cd	36 V	260mA	9 W	11 W	83	3000K
EVO50-R7-840-60	1500 lm	1200 lm	1615 cd	36 V	260mA	9 W	11 W	83	4000K

13W 1200lm-1400lm



Order Information

Evo50-R10 1100-1300 Lm MODELS (CITIZEN LED)									
Code	LED output	Module output	CD	LED Voltage	LED Current	LED Power	System Power	CRI	CCT
EVO50-R10-827-22	1500 lm	1200 lm	5050 cd	36 V	350mA	13 W	15 W	83	2700K
EVO50-R10-830-22	1600 lm	1300 lm	5130 cd	36 V	350mA	13 W	15 W	83	3000K
EVO50-R10-840-22	1700 lm	1400 lm	5232 cd	36 V	350mA	13 W	15 W	83	4000K
EVO50-R10-827-36	1500 lm	1200 lm	2872 cd	36 V	350mA	13 W	15 W	83	2700K
EVO50-R10-830-36	1600 lm	1300 lm	3035 cd	36 V	350mA	13 W	15 W	83	3000K
EVO50-R10-840-36	1700 lm	1400 lm	3288 cd	36 V	350mA	13 W	15 W	83	4000K
EVO50-R10-827-60	1500 lm	1200 lm	1705 cd	36 V	350mA	13 W	15 W	83	2700K
EVO50-R10-830-60	1600 lm	1300 lm	1781 cd	36 V	350mA	13 W	15 W	83	3000K
EVO50-R10-840-60	1700 lm	1400 lm	1996 cd	36 V	350mA	13 W	15 W	83	4000K



Quickinfo

GENERAL

recessed

LED

COB LED module

2700K, 3000K, 4000K

CRI>80, CRI>90

Bining < 3-Step MacAdam

ESTIMATED LED LIFETIME

L80 / 50,000h

OPTICAL

direct illumination

beam angle 22°, 36°, 60°

PHYSICAL

aluminium

electroplating

Function

Replace 35W MR16 Metal Halide Lamp.
2000Lm Version.
Ultra bright in light.

Extremely small in size.
Smart heatsink design with airflow and
black body radiation.

Order options

COLOUR TEMPERATURE

2700K

3000K

4000K

COLOR RENDERING INDEX

CRI 80

CRI 90

ELECTRICAL

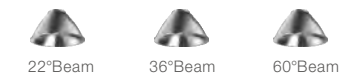
non DIM

phase DIM

1-10V

DALI

REFLECTOR



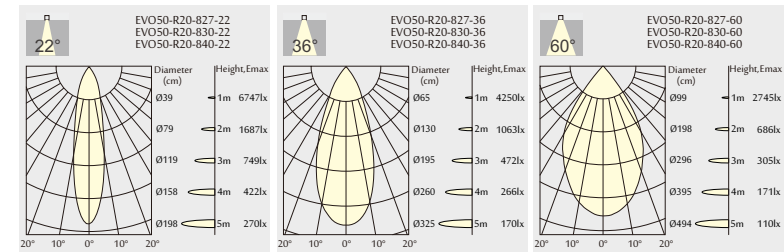
Evo50 R20

3000K
(Standard)



Light distribution for 3000K

18 W 1800lm-2000lm



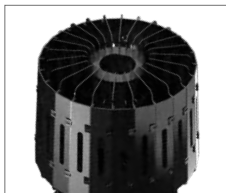
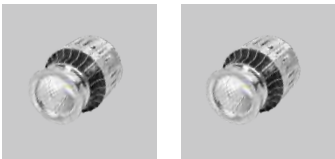
Order Information

Evo50-R20 1800-2000 Lm MODELS			(CITIZEN LED)							
Code	LED output	Module output	CD	LED Voltage	LED Current	LED Power	System Power	CRI	CCT	BEAM
EVO50-R20-827-22	2300 lm	1800 lm	6859 cd	36 V	500mA	18 W	21 W	83	2700K	22°
EVO50-R20-830-22	2400 lm	1900 lm	6953 cd	36 V	500mA	18 W	21 W	83	3000K	22°
EVO50-R20-840-22	2500 lm	2000 lm	7079 cd	36 V	500mA	18 W	21 W	83	4000K	22°
EVO50-R20-827-36	2300 lm	1800 lm	3973 cd	36 V	500mA	18 W	21 W	83	2700K	36°
EVO50-R20-830-36	2400 lm	1900 lm	4268 cd	36 V	500mA	18 W	21 W	83	3000K	36°
EVO50-R20-840-36	2500 lm	2000 lm	4481 cd	36 V	500mA	18 W	21 W	83	4000K	36°
EVO50-R20-827-60	2300 lm	1800 lm	2427 cd	36 V	500mA	18 W	21 W	83	2700K	60°
EVO50-R20-830-60	2400 lm	1900 lm	2746 cd	36 V	500mA	18 W	21 W	83	3000K	60°
EVO50-R20-840-60	2500 lm	2000 lm	2839 cd	36 V	500mA	18 W	21 W	83	4000K	60°

Features

Evo50
page 212

Evo50 TW
page 216



Particular surface treatment of black nickel electroplating



Quickinfo

GENERAL

recessed
tunable white

LED

COB LED module
1800-3000K
CRI 95
Bining < 3-Step MacAdam

ESTIMATED LED LIFETIME

L80 / 50,000h

OPTICAL

direct illumination
beam angle 36°, 60°

PHYSICAL

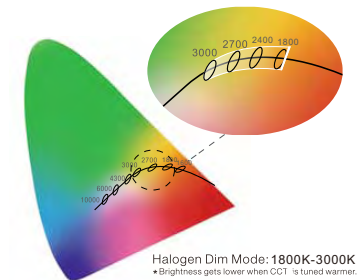
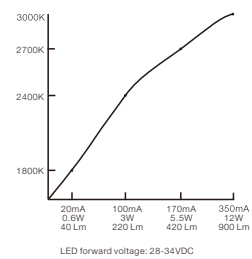
aluminium
electroplating

Function

Evo50 TW model incorporates
brightness dimming function with
tunable color temperature(1800K-
3000K).
Easy for electrician connection,
controlled by main voltage dimmer(Triac
dimmer), no extra control wiring require.

Low glare.
Perfect for hotel lighting and restaurant
lighting.

Features



TUNABLE WHITE



Evo50
page 212



Evo50 R20
page 214



Order options

SYSTEM POWER

1.0W - 15W

COLOUR TEMPERATURE

1800K - 3000K

COLOR RENDERING INDEX

CRI 95

ELECTRICAL

phase DIM
1-10V
DALI

REFLECTOR

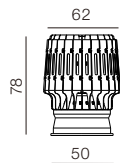


36°Beam



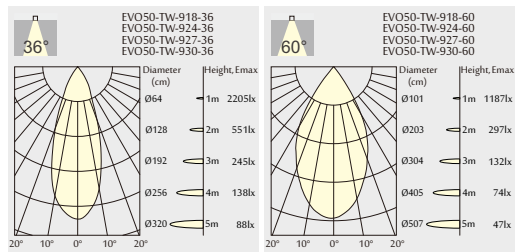
60°Beam

Evo50 TW



Light distribution for 3000K

0.6 W-12W 40lm-900lm



Order Information

Evo50-TW	40-900 Lm	MODELS	(BRIDGELUX LED)								
Code	LED output	Module output	LED Voltage	LED Current	LED Power	System Power	CRI	CCT	BEAM		
EV050-TW-918-36	50 lm	40 lm	28 V	20mA	0.6 W	1 W	95	1800K	36°		
EV050-TW-918-60	50 lm	40 lm	28 V	20mA	0.6 W	1 W	95	1800K	60°		
EV050-TW-924-36	280 lm	220 lm	31 V	100mA	3 W	5 W	95	2400K	36°		
EV050-TW-924-60	280 lm	220 lm	31 V	100mA	3 W	5 W	95	2400K	60°		
EV050-TW-927-36	520 lm	420 lm	32 V	170mA	5.5 W	7 W	95	2700K	36°		
EV050-TW-927-60	520 lm	420 lm	32 V	170mA	5.5 W	7 W	95	2700K	60°		
EV050-TW-930-36	1100 lm	900 lm	34 V	350mA	12 W	15 W	95	3000K	36°		
EV050-TW-930-60	1100 lm	900 lm	34 V	350mA	12 W	15 W	95	3000K	60°		



Quickinfo

GENERAL
recessed

LED
COB / SMD LED module
2700K, 3000K, 4000K
CRI > 80, CRI > 90
Bining < 3-Step MacAdam

ESTIMATED LED LIFETIME
L80 / 50,000h

OPTICAL
direct illumination
beam angle 10°, 22°, 36°, 60°

PHYSICAL
aluminium
electroplating

Function

K50 module fits our custom mounting ring or any MR-16 fitting for wide range of applications. Its modular design helps customer to reduce stock. Anti-glare reflector with 4 beam angles, lighting effect is the same with MR16 Halogen.

Thermo-optimal design ensures long lifetime. Aesthetic designs with reasonable cost. K50 R7 delivers more light over premium 50W halogen.

Features



Forging aluminum heatsink with pearl chrome appearance combines functionality and aesthetics

Order options

SYSTEM POWER
10W
11W

COLOUR TEMPERATURE
2700K
3000K
4000K

COLOR RENDERING INDEX
CRI 80
CRI 90

ELECTRICAL
non DIM
phase DIM
1-10V
DALI

REFLECTOR

10°Beam 22°Beam 36°Beam 60°Beam
(For CREE LED 8.5W)

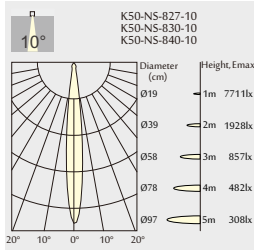
K50

3000K
(Standard)



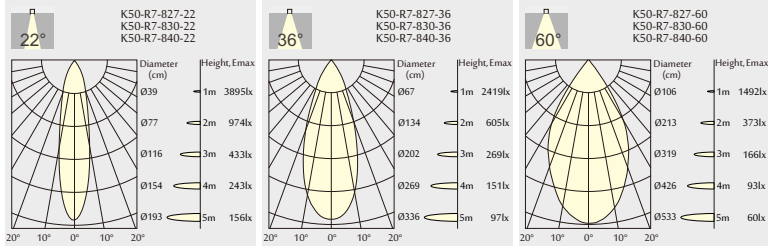
Light distribution for 3000K

8.5W 580lm-680lm Narrow Spot Beam Version



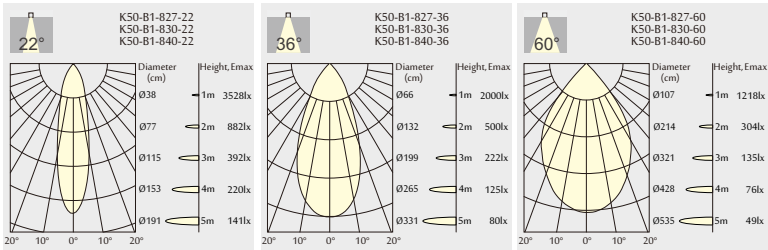
Order Information									
K50-NS 550-650 Lm MODELS (CREE LED)									
Code	LED output	Module output	CD	LED Voltage	LED Current	LED Power	System Power	CRI	CCT
K50-NS-827-10	750 lm	580 lm	7313 cd	12 V	700mA	8.5 W	10 W	83	2700K
K50-NS-830-10	800 lm	620 lm	7725 cd	12 V	700mA	8.5 W	10 W	83	3000K
K50-NS-840-10	850 lm	680 lm	8616 cd	12 V	700mA	8.5 W	10 W	83	4000K

9W 1000lm-1200lm



Order Information									
K50-R7 1000-1200 Lm MODELS (CITIZEN LED)									
Code	LED output	Module output	CD	LED Voltage	LED Current	LED Power	System Power	CRI	CCT
K50-R7-827-22	1300 lm	1000 lm	3897 cd	36 V	260mA	9 W	11 W	83	2700K
K50-R7-830-22	1400 lm	1100 lm	4084 cd	36 V	260mA	9 W	11 W	83	3000K
K50-R7-840-22	1500 lm	1200 lm	4443 cd	36 V	260mA	9 W	11 W	83	4000K
K50-R7-827-36	1300 lm	1000 lm	2297 cd	36 V	260mA	9 W	11 W	83	2700K
K50-R7-830-36	1400 lm	1100 lm	2419 cd	36 V	260mA	9 W	11 W	83	3000K
K50-R7-840-36	1500 lm	1200 lm	2580 cd	36 V	260mA	9 W	11 W	83	4000K
K50-R7-827-60	1300 lm	1000 lm	1385 cd	36 V	260mA	9 W	11 W	83	2700K
K50-R7-830-60	1400 lm	1100 lm	1492 cd	36 V	260mA	9 W	11 W	83	3000K
K50-R7-840-60	1500 lm	1200 lm	1615 cd	36 V	260mA	9 W	11 W	83	4000K

9W 850lm-950lm



Order Information									
K50-B1 850-950 Lm MODELS (BRIDGELUX LED)									
Code	LED output	Module output	CD	LED Voltage	LED Current	LED Power	System Power	CRI	CCT
K50-B1-827-22	1000 lm	850 lm	3370 cd	27 V	350mA	9 W	11 W	83	2700K
K50-B1-830-22	1100 lm	900 lm	3528 cd	27 V	350mA	9 W	11 W	83	3000K
K50-B1-840-22	1200 lm	950 lm	3712 cd	27 V	350mA	9 W	11 W	83	4000K
K50-B1-827-36	1000 lm	850 lm	1910 cd	27 V	350mA	9 W	11 W	83	2700K
K50-B1-830-36	1100 lm	900 lm	2001 cd	27 V	350mA	9 W	11 W	83	3000K
K50-B1-840-36	1200 lm	950 lm	2105 cd	27 V	350mA	9 W	11 W	83	4000K
K50-B1-827-60	1000 lm	850 lm	1134 cd	27 V	350mA	9 W	11 W	83	2700K
K50-B1-830-60	1100 lm	900 lm	1222 cd	27 V	350mA	9 W	11 W	83	3000K
K50-B1-840-60	1200 lm	950 lm	1278 cd	27 V	350mA	9 W	11 W	83	4000K



Quickinfo

GENERAL

recessed

LED

COB / SMD LED module

2700K, 3000K, 4000K

CRI > 80, CRI > 90

Bining < 3-Step MacAdam

ESTIMATED LED LIFETIME

L80 / 50,000h

OPTICAL

direct illumination

beam angle 10°, 22°, 36°, 60°

PHYSICAL

aluminium

wet painting

Function

G50 module fits our custom mounting ring or any MR-16 fitting for wide range of applications. Its modular design helps customer to reduce stock.

Anti-glare reflector with 4 beam angles, lighting effect is the same with MR16 Halogen.

Small size with thermo-optimal design ensures long lifetime. Aesthetic design with economic cost. G50 R5 delivers more light over 35W halogen.

Order options

COLOUR TEMPERATURE

2700K

3000K

4000K

COLOR RENDERING INDEX

CRI 80

CRI 90

ELECTRICAL

non DIM

phase DIM

1-10V

DALI

REFLECTOR



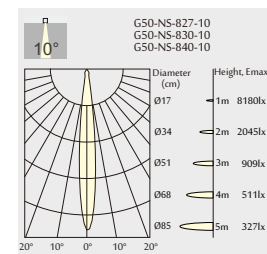
G50

3000K
(Standard)



Light distribution for 3000K

6W 450lm-550lm Narrow Spot Beam Version



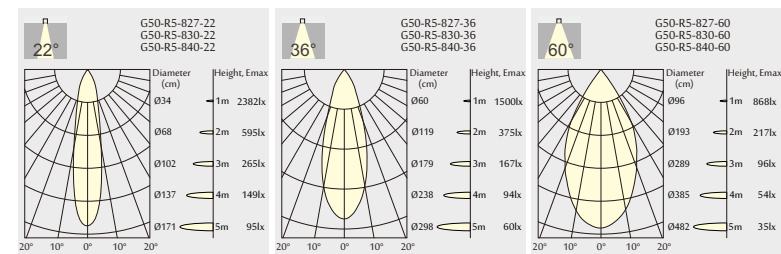
Order Information

G50-NS 450-550 Lm MODELS

(CREE LED)

Code	LED output	Module output	CD	LED Voltage	LED Current	LED Power	System Power	CRI	CCT	BEAM
G50-NS-827-10	620 lm	450 lm	7752 cd	12 V	500mA	6 W	8 W	83	2700K	10°
G50-NS-830-10	680 lm	500 lm	8183 cd	12 V	500mA	8 W	8 W	83	3000K	10°
G50-NS-840-10	720 lm	550 lm	9158 cd	12 V	500mA	8 W	8 W	83	4000K	10°

6 W 550lm-650lm



Order Information

G50-R5 550-650 Lm MODELS

(LUMINUS LED)

Code	LED output	Module output	CD	LED Voltage	LED Current	LED Power	System Power	CRI	CCT	BEAM
G50-R5-827-22	700 lm	550 lm	2193 cd	18 V	350mA	6 W	8 W	83	2700K	22°
G50-R5-830-22	750 lm	600 lm	2382 cd	18 V	350mA	6 W	8 W	83	3000K	22°
G50-R5-840-22	800 lm	650 lm	2589 cd	18 V	350mA	6 W	8 W	83	4000K	22°
G50-R5-827-36	700 lm	550 lm	1410 cd	18 V	350mA	6 W	8 W	83	2700K	36°
G50-R5-830-36	750 lm	600 lm	1500 cd	18 V	350mA	6 W	8 W	83	3000K	36°
G50-R5-840-36	800 lm	650 lm	1619 cd	18 V	350mA	6 W	8 W	83	4000K	36°
G50-R5-827-60	700 lm	550 lm	809 cd	18 V	350mA	6 W	8 W	83	2700K	60°
G50-R5-830-60	750 lm	600 lm	868 cd	18 V	350mA	6 W	8 W	83	3000K	60°
G50-R5-840-60	800 lm	650 lm	943 cd	18 V	350mA	6 W	8 W	83	4000K	60°

G50 TW

page 222



G50: Minimal heatsink with die-casting aluminum



Quickinfo

GENERAL

recessed
tunable white

LED

COB LED module
1800K-3000K
CRI 95
Bining < 3-Step MacAdam

ESTIMATED LED LIFETIME

L80 / 50,000h

OPTICAL

direct illumination
beam angle 36°, 60°

PHYSICAL

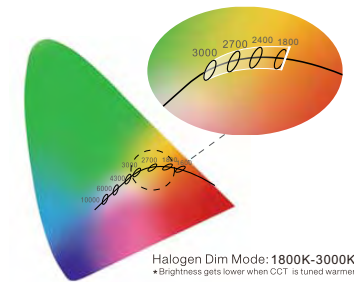
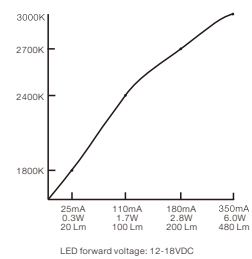
aluminium
wet painting

Function

G50 TW model incorporates brightness dimming function with tunable color temperature(1800K-3000K).

Easy for electrician connection, controlled by main voltage dimmer(Triac dimmer), no extra control wiring required.
Low glare.
Perfect for hotel lighting and restaurant lighting.

Features



TUNABLE WHITE



Order options

SYSTEM POWER

0.6W - 8.0W

COLOUR TEMPERATURE

1800K - 3000K

COLOR RENDERING INDEX

CRI 95

ELECTRICAL

phase DIM
1-10V
DALI

REFLECTOR

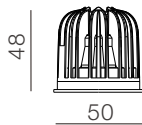


36°Beam



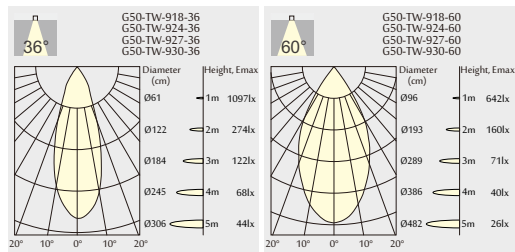
60°Beam

G50-TW



Light distribution for 3000K

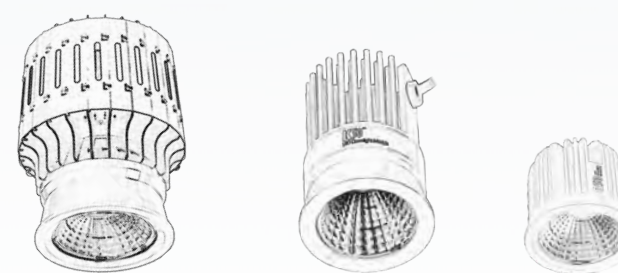
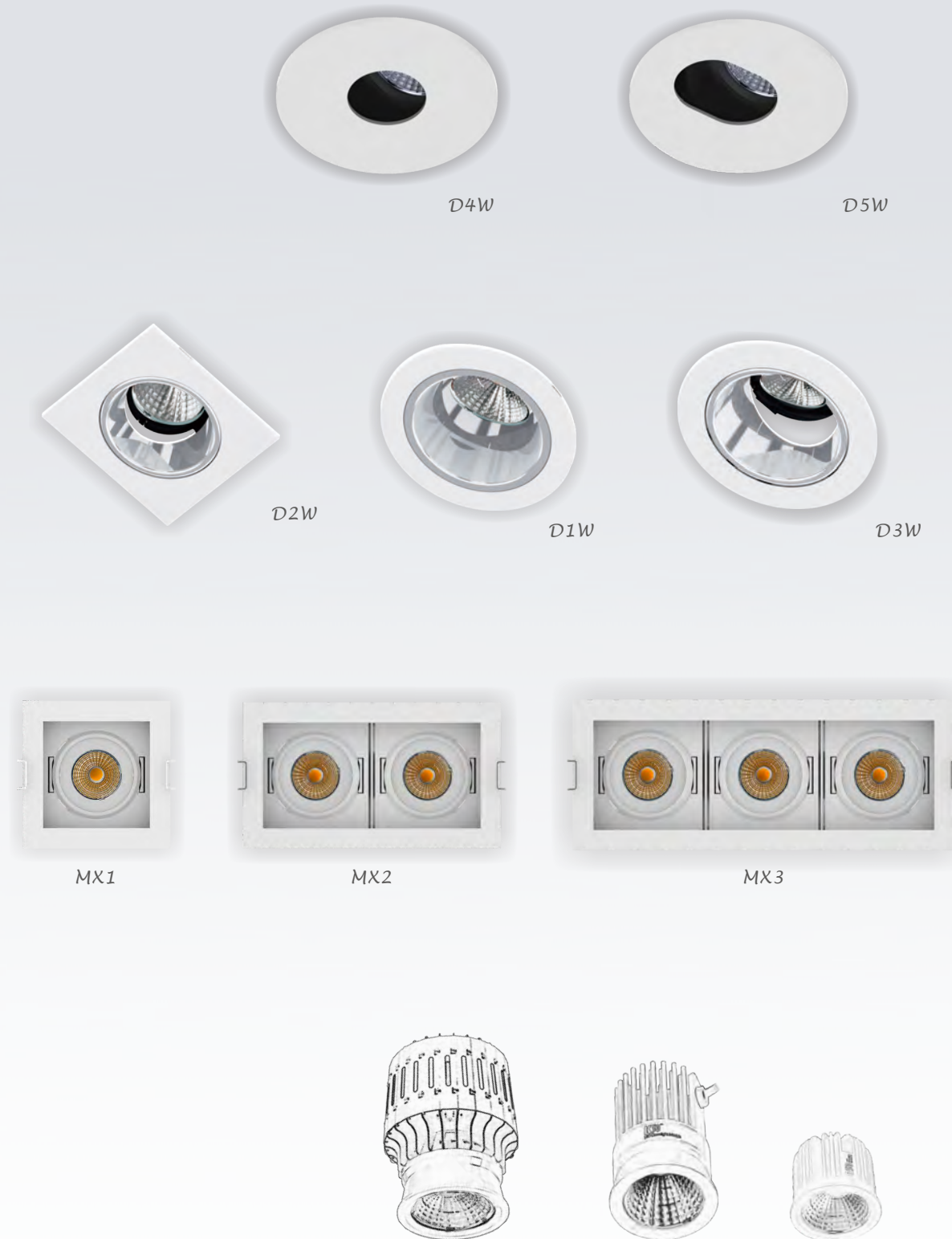
0.3W-6.0W 20lm-480lm



Order Information

G50-TW 20-480 Lm MODELS (BRIDGELUX LED)									
Code	LED output	Module output	LED Voltage	LED Current	LED Power	System Power	CRI	CCT	BEAM
G50-TW-918-36	25 lm	20 lm	12 V	25mA	0.3 W	0.6 W	95	1800K	36°
G50-TW-918-60	25 lm	20 lm	12 V	25mA	0.3 W	0.6 W	95	1800K	60°
G50-TW-924-36	130 lm	100 lm	15 V	110mA	1.7 W	2.5 W	95	2400K	36°
G50-TW-924-60	130 lm	100 lm	15 V	110mA	1.7 W	2.5 W	95	2400K	60°
G50-TW-927-36	250lm	200 lm	16 V	180mA	2.8 W	4.0 W	95	2700K	36°
G50-TW-927-60	250 lm	200 lm	16 V	180mA	2.8 W	4.0 W	95	2700K	60°
G50-TW-930-36	600 lm	480 lm	18 V	350mA	6.0 W	8.0 W	95	3000K	36°
G50-TW-930-60	600 lm	480 lm	18 V	350mA	6.0 W	8.0 W	95	3000K	60°

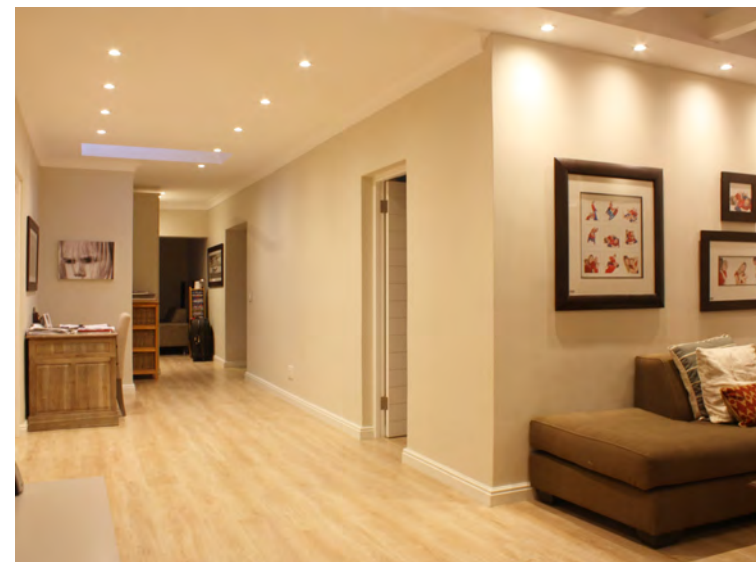




More Freedom for Downlight Design
High Quality Mounting Ring + LED Module



Perfect choices for hotel lighting
 Darco series mounted ring is designed with Dark light reflector
 The whole downlight with double reflector design
 Guarantee very good glare control
 D1 & D2 is adjustable and 355° rotating
 It is easy to fix Evo50, K50 and G50 module on rotating part



High quality mounting ring for residential lighting



Ultra thin frame

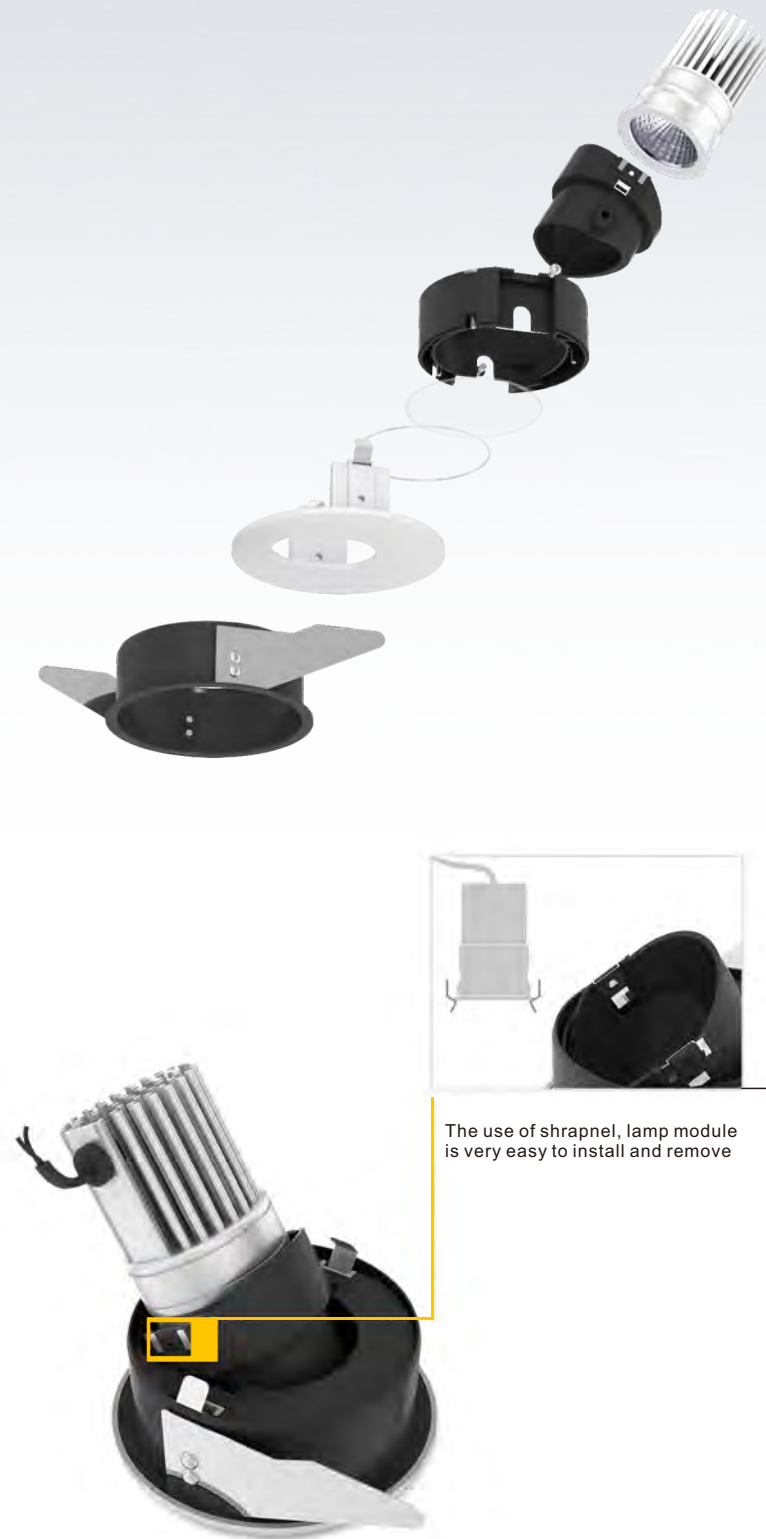


IP 65 waterproof



Curve esthetic design

Highlights for special application



The use of shrapnel, lamp module is very easy to install and remove

Order options

MATERIAL COLOUR

white
black
gray

D4W



Optional:

- D4 B Black
- D4 G Gray



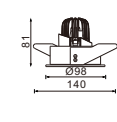
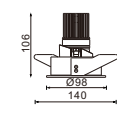
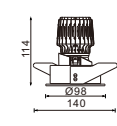
Evo50-D4W



K50-D4W



G50-D4W



D5W



Optional:

- D5 B Black
- D5 G Gray



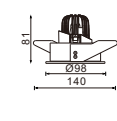
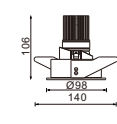
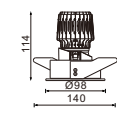
Evo50-D5W



K50-D5W



G50-D5W



Order options

MATERIAL COLOUR

white
black
gray

A1W



Optional:

- A1B Black
■ A1G Gray



Evo50-A1W



K50-A1W



G50-A1W

A5W



Optional:

- A5B Black
■ A5G Gray



Evo50-A5W

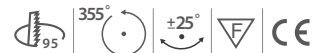


K50-A5W



G50-A5W

A6W



Optional:

- A6B Black
■ A6G Gray



Evo50-A6W



K50-A6W



G50-A6W

Order options

MATERIAL COLOUR

white
black
gray

R1W



Optional:

- R1B Black
■ R1G Gray



Evo50-R1W



K50-R1W



G50-R1W

F4W



Optional:

- F4B Black
■ F4G Gray



Evo50-F4W



K50-F4W



G50-F4W

F6W



Optional:

- F6B Black
■ F6G Gray



Evo50-F6W



K50-F6W



G50-F6W

Order options

MATERIAL COLOUR

white
black
gray

S6W



Optional:

- S6B Black
- S6G Gray



Evo50-S6W



K50-S6W



G50-S6W

S5W



Optional:

- S5B Black
- S5G Gray



Evo50-S5W



K50-S5W



G50-S5W

C135

LED Module inside



Optional:

- C135W White (RAL9003) standard
- C135B Black



Evo50



K50



G50

- Flexible cylinder design, easy to fix LED module in
- Dark light reflector creates visual comfort
- Used as ceiling-mounted and ceiling pendant

Order options

MATERIAL COLOUR

white
black
gray

D1W



Optional:

- D1B Black
- D1G Gray



Evo50-D1W



K50-D1W



G50-D1W

D2W



Optional:

- D2B Black
- D2G Gray



Evo50-D2W



K50-D2W



G50-D2W

D3W



Optional:

- D3B Black
- D3G Gray



Evo50-D3W

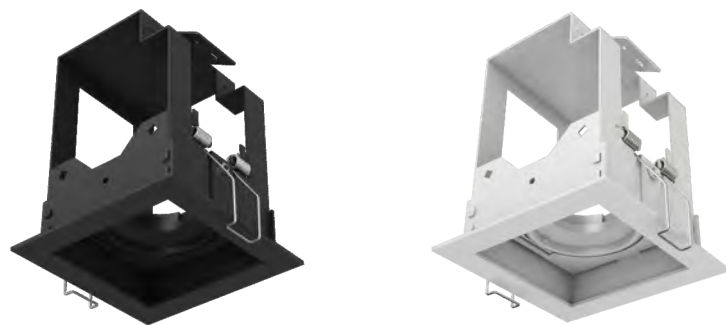


K50-D3W

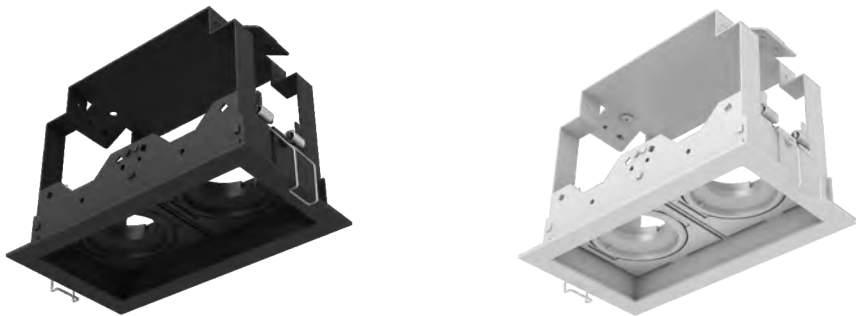


G50-D3W

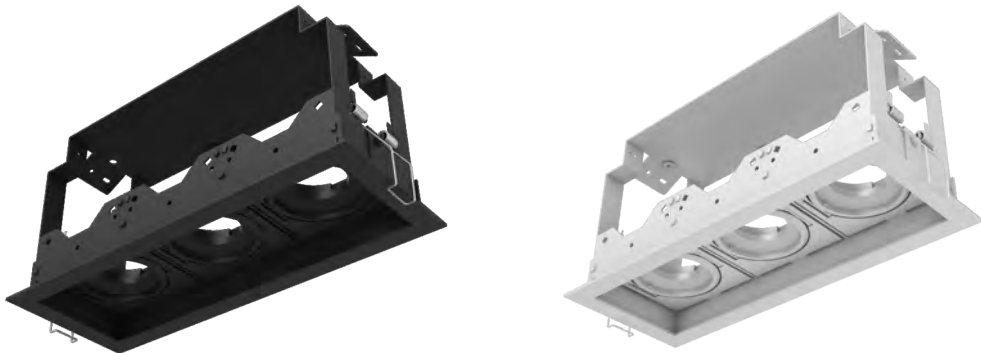
MX1



MX2



MX3



MATRIX Square Trim

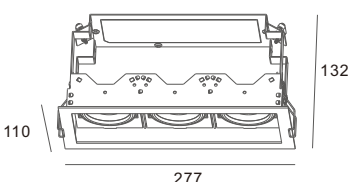
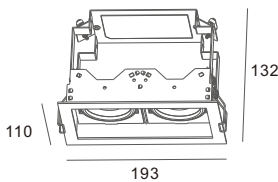
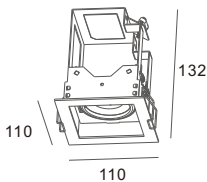
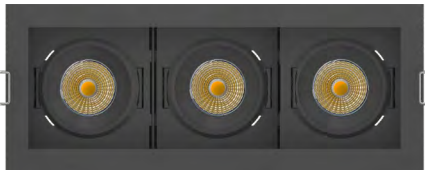
MX1



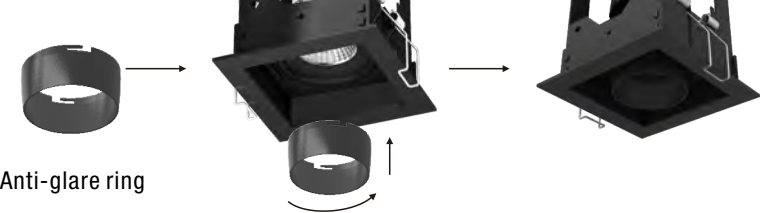
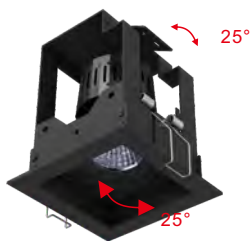
MX2



MX3



Optional anti-glare ring





Evo50 Module Display Case





NOVA Series
Ceiling Mounted and Pendant Light

NOVA Series
Ceiling Mounted and Pendant Light



NOVA-C S
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NOVA-C M
▶ page 246



NOVA-C L
▶ page 248



NOVA-P S
▶ page 254

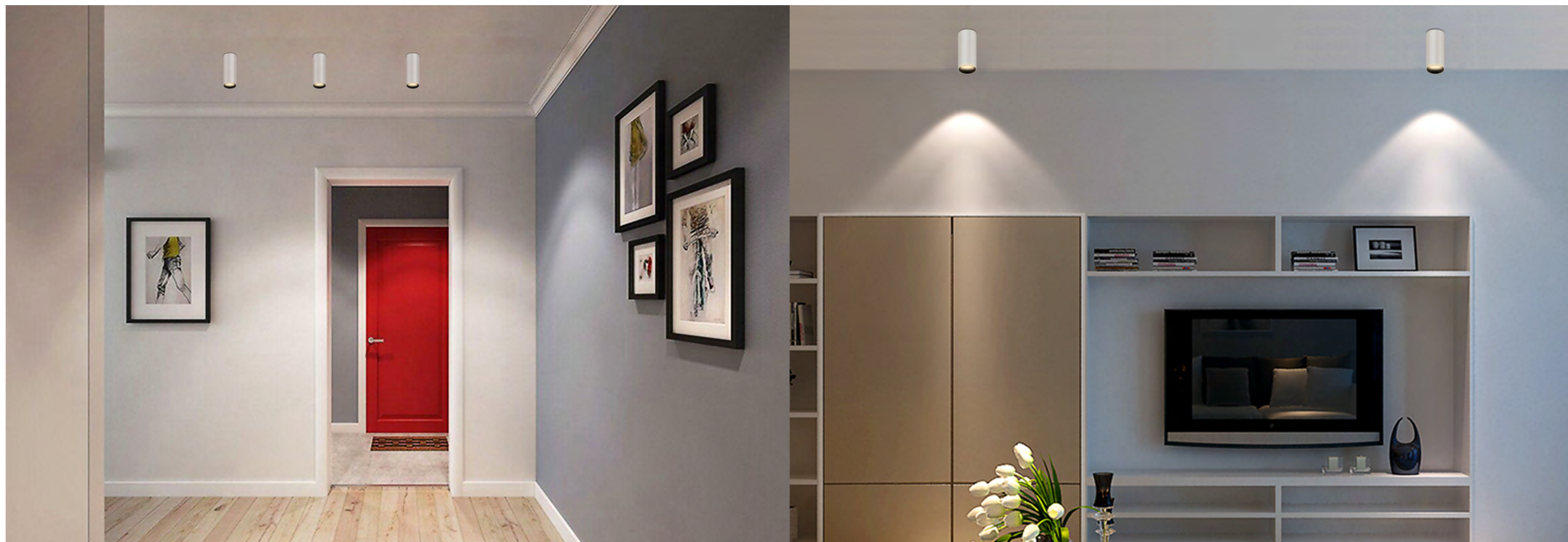


NOVA-P M
▶ page 256



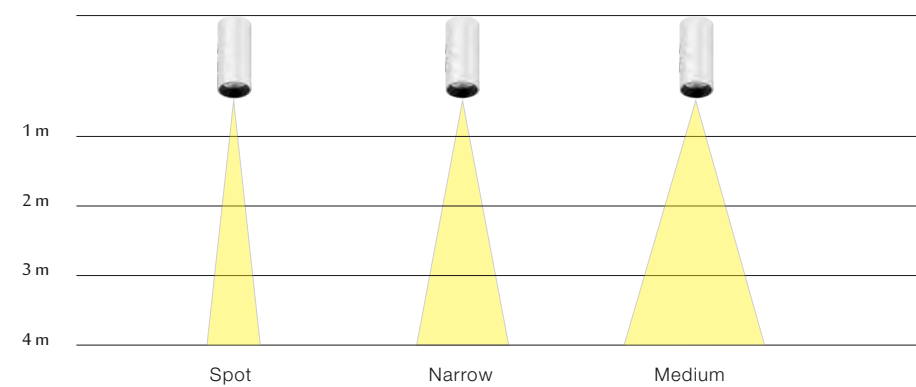
NOVA-P L
▶ page 258

Ceiling mounted and pendant lights



**NOVA-C L****NOVA-C M****NOVA-C S**

Spot, narrow and medium beam angles are available for different lighting applications





Quickinfo

GENERAL
ceiling mounted
with internal LED driver

LED
COB LED module
2700K, 3000K, 4000K
CRI > 80, CRI > 90
Bining < 3-Step MacAdam

ESTIMATED LED LIFETIME
L80 / 50,000h

OPTICAL
direct illumination
beam angle 18°, 24°, 36°

ELECTRICAL
non DIM

PHYSICAL
aluminium
powder coating

Function

Cylindrical surface mounted light made of aluminum.
Ultra-slim housing design with LED driver inside.
Optimized passive cooling system ensures low temperature and long lifetime of LED.

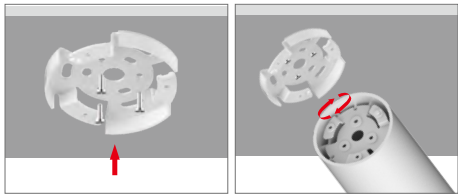
Interchangeable decoration ring for various lighting application.
Adopt of lens guarantees high luminous efficiency and uniform distribution.
Very easy to change lens (twist and lock) to choose spot, narrow and medium beam angle.

Features

GITTA S
page 286

GRACE S
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NOVA-P S
page 258



Ceiling installation plate fixed by screws
Twist and lock system between housing and ceiling installation plate

Order options

COLOUR TEMPERATURE
2700K
3000K
4000K

COLOUR RENDERING INDEX
CRI 80
CRI 90

HOUSING COLOUR

White Black

LENS

18°Beam 24°Beam 36°Beam

ANTI-GLARE ACCESSORY

Honeycomb mesh
HM-M

DECORATION RING

Black Gold White

Transparent Frosted

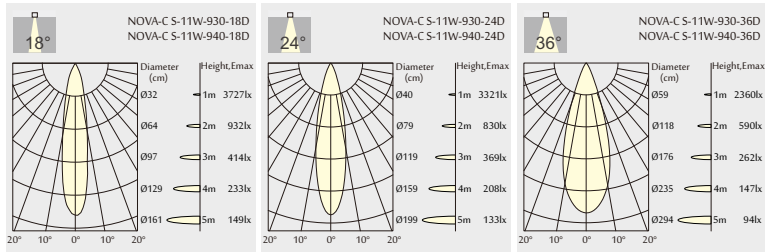
Yellow Red

NOVA-C S



Light distribution for 3000K

11W 720lm-800lm



Order Information

NOVA-C S-11W 700 Lm MODELS				(CITIZEN LED)			
Code	LED output	Module output	CD	LED Power	System Power	CRI	CCT
NOVA-C S-11W-930-18D	950 lm	720 lm	3733 cd	9 W	11 W	90	3000K
NOVA-C S-11W-940-18D	1050 lm	800 lm	4294 cd	9 W	11 W	90	4000K
NOVA-C S-11W-930-24D	950 lm	720 lm	3321 cd	9 W	11 W	90	3000K
NOVA-C S-11W-940-24D	1050 lm	800 lm	3543 cd	9 W	11 W	90	4000K
NOVA-C S-11W-930-36D	950 lm	720 lm	2361 cd	9 W	11 W	90	3000K
NOVA-C S-11W-940-36D	1050 lm	800 lm	2545 cd	9 W	11 W	90	4000K

**Quickinfo****GENERAL**

ceiling mounted
with internal LED driver

LED

COB LED module
2700K, 3000K, 4000K
CRI > 80, CRI > 90
Bining < 3-Step MacAdam

ESTIMATED LED LIFETIME

L80 / 50,000h

OPTICAL

direct illumination
beam angle 15°, 25°, 30°

ELECTRICAL

non DIM

PHYSICAL

aluminium
powder coating

Function

Cylindrical surface mounted light made of aluminum.
Elegant design with LED driver inside housing.
Optimized passive cooling system ensures low temperature and long lifetime of LED.

Interchangeable decoration ring for various lighting application.
Adopt of lens guarantees high luminous efficiency and uniform distribution.
Very easy to change lens (twist and lock) to choose spot, narrow and medium beam angle.

Features

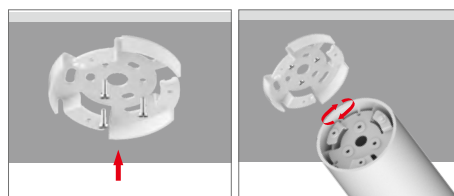
FELLOW S
page 278



ALPHA S
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NOVA-P M
page 256



Ceiling installation plate fixed by screws
Twist and lock system between housing and ceiling installation plate

Order options**SYSTEM POWER**

15W
21W

COLOUR TEMPERATURE

2700K
3000K
4000K

COLOUR RENDERING INDEX

CRI 80
CRI 90

HOUSING COLOUR

White

Black

LENS

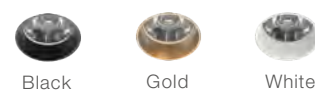
15° Beam

25° Beam

30° Beam

ANTI-GLARE ACCESSORY

Honeycomb mesh
HM-M

DECORATION RING

Black

Gold

White



Transparent

Frosted

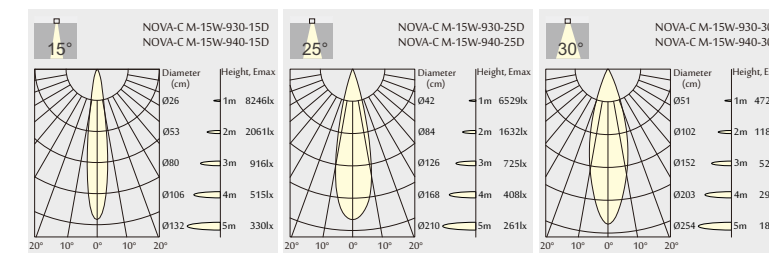


Yellow

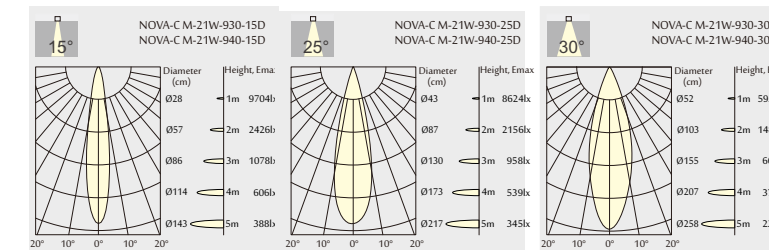
Red

NOVA-C M

3000K
(Standard)

**Light distribution for 3000K****15W 1200lm-1300lm****Order Information**

NOVA-C M-15W 1200 Lm MODELS		(CITIZEN LED)						
Code	LED output	Module output	CD	LED Power	System Power	CRI	CCT	BEAM
NOVA-C M-15W-930-15D	1500 lm	1200 lm	8246 cd	13 W	15 W	90	3000K	15°
NOVA-C M-15W-940-15D	1600 lm	1300 lm	8486 cd	13 W	15 W	90	4000K	15°
NOVA-C M-15W-930-25D	1500 lm	1200 lm	6532 cd	13 W	15 W	90	3000K	25°
NOVA-C M-15W-940-25D	1600 lm	1300 lm	6658 cd	13 W	15 W	90	4000K	25°
NOVA-C M-15W-930-30D	1500 lm	1200 lm	4727 cd	13 W	15 W	90	3000K	30°
NOVA-C M-15W-940-30D	1600 lm	1300 lm	4944 cd	13 W	15 W	90	4000K	30°

21W 1600lm-1700lm**Order Information**

NOVA-C M-21W 1600 Lm MODELS		(CITIZEN LED)						
Code	LED output	Module output	CD	LED Power	System Power	CRI	CCT	BEAM
NOVA-C M-21W-930-15D	2000 lm	1600 lm	9709 cd	18 W	21 W	90	3000K	15°
NOVA-C M-21W-940-15D	2100 lm	1700 lm	10616 cd	18 W	21 W	90	4000K	15°
NOVA-C M-21W-930-25D	2000 lm	1600 lm	8624 cd	18 W	21 W	90	3000K	25°
NOVA-C M-21W-940-25D	2100 lm	1700 lm	9494 cd	18 W	21 W	90	4000K	25°
NOVA-C M-21W-930-30D	2000 lm	1600 lm	5939 cd	18 W	21 W	90	3000K	30°
NOVA-C M-21W-940-30D	2100 lm	1700 lm	6837 cd	18 W	21 W	90	4000K	30°



Quickinfo

GENERAL
ceiling mounted
with internal LED driver

LED
COB LED module
2700K, 3000K, 4000K
CRI > 80, CRI > 90
Bining < 3-Step MacAdam

ESTIMATED LED LIFETIME
L80 / 50,000h

OPTICAL
direct illumination
beam angle 18°, 30°, 45°

ELECTRICAL
non DIM

PHYSICAL
aluminium
powder coating

Function

Cylindrical surface mounted light made of aluminum.
Functional housing design with LED driver inside.
Optimized passive cooling system ensures low temperature and long lifetime of LED.

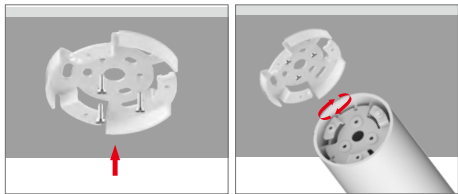
Interchangeable decoration ring for various lighting application.
Adopt of lens guarantees high luminous efficiency and uniform distribution.
Very easy to change lens (twist and lock) to choose spot, narrow and medium beam angle.

Features

FELLOW M
page 280

ALPHA M
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NOVA-P L
page 258



Ceiling installation plate fixed by screws
Twist and lock system between housing and ceiling installation plate

Order options

COLOUR TEMPERATURE
2700K
3000K
4000K

COLOUR RENDERING INDEX
CRI 80
CRI 90

HOUSING COLOUR

White
Black

LENS

18°Beam
30°Beam
45°Beam

ANTI-GLARE ACCESSORY

Honeycomb mesh
HM-M

DECORATION RING

Black
Gold
White

Transparent
Frosted

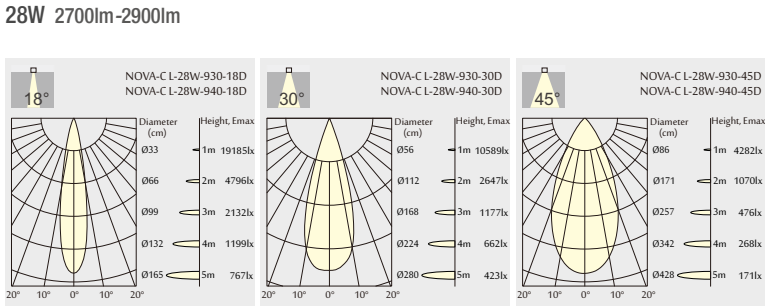
Yellow
Red

NOVA-C L

3000K
(Standard)

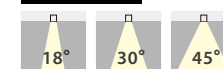


Light distribution for 3000K

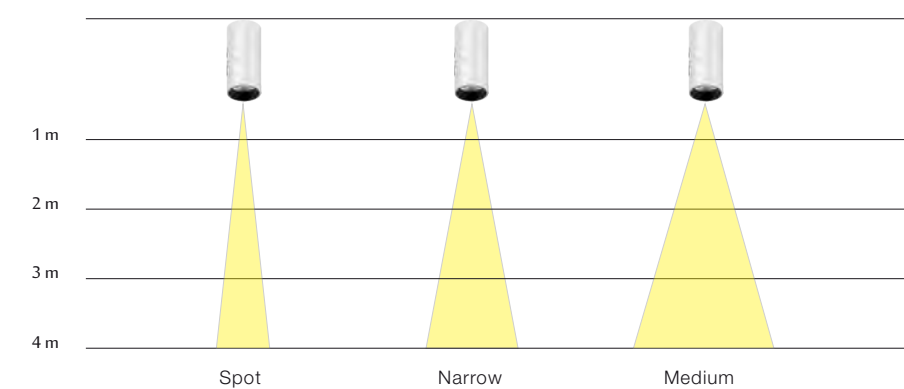


NOVA-C L-28W 2700 Lm MODELS			(CITIZEN LED)				
Code	LED output	Module output	CD	LED Power	System Power	CRI	CCT
NOVA-C L-28W-930-18D	3400 lm	2700 lm	19194 cd	25 W	28 W	90	3000K
NOVA-C L-28W-940-18D	3600 lm	2900 lm	20012 cd	25 W	28 W	90	4000K
NOVA-C L-28W-930-30D	3400 lm	2700 lm	10662 cd	25 W	28 W	90	3000K
NOVA-C L-28W-940-30D	3600 lm	2900 lm	11854 cd	25 W	28 W	90	4000K
NOVA-C L-28W-930-45D	3400 lm	2700 lm	4285 cd	25 W	28 W	90	3000K
NOVA-C L-28W-940-45D	3600 lm	2900 lm	4588 cd	25 W	28 W	90	4000K



**NOVA-P L****NOVA-P M****NOVA-P S**

Spot, narrow and medium beam angles are available for different lighting applications





Quickinfo

- GENERAL

pendant

with internal LED driver
- LED

COR LED module

2700K, 3000K, 4000K

CRI > 80, CRI>90

Bining < 3-Step MacAdam
- ESTIMATED LED LIFETIME

L80 / 50.000h
- OPTICAL

direct illumination

beam angle 18°, 24°, 36°
- ELECTRICAL

non DIM
- PHYSICAL

aluminium

powder coating

- GITTA S

page 286
- GRACE S

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- NOVA-C S

page 244



Order options

- COLOUR TEMPERATURE

2700K

3000K

4000K
- COLOUR RENDERING INDEX

CRI 80

CRI 90
- HOUSING COLOUR

White

Black
- LENS

18°Beam

24°Beam

36°Beam
- ANTI-GLARE ACCESSORY

Honeycomb mesh

HM-M
- DECORATION RING

Black

Gold

White

Transparent

Frosted

Yellow

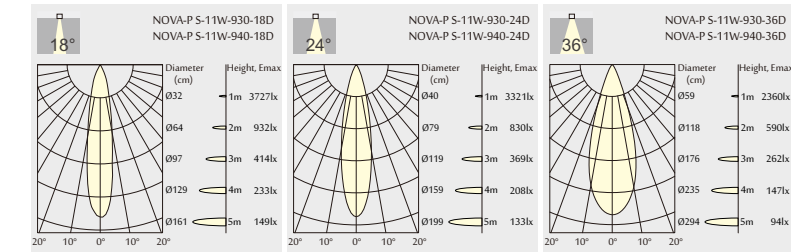
Red

NOVA-P S



Light distribution for 3000K

11W 720lm-800lm



Order Information

NOVA-P S-11W 700 Lm MODELS		(CITIZEN LED)						
Code	LED output	Module output	CD	LED Power	System Power	CRI	CCT	BEAM
NOVA-P S-11W-930-18D	950 lm	720 lm	3733 cd	9 W	11 W	90	3000K	18°
NOVA-P S-11W-940-18D	1050 lm	800 lm	4294 cd	9 W	11 W	90	4000K	18°
NOVA-P S-11W-930-24D	950 lm	720 lm	3321 cd	9 W	11 W	90	3000K	24°
NOVA-P S-11W-940-24D	1050 lm	800 lm	3543 cd	9 W	11 W	90	4000K	24°
NOVA-P S-11W-930-36D	950 lm	720 lm	2361 cd	9 W	11 W	90	3000K	36°
NOVA-P S-11W-940-36D	1050 lm	800 lm	2545 cd	9 W	11 W	90	4000K	36°



Quickinfo

GENERAL

pendant
with internal LED driver

LED

COB LED module
2700K, 3000K, 4000K
CRI > 80, CRI>90
Bining < 3-Step MacAdam

ESTIMATED LED LIFETIME

L80 / 50.000h

OPTICAL

direct illumination
beam angle 15°, 25°, 30°

ELECTRICAL

non DIM

PHYSICAL

aluminium
powder coating

FELLOW S

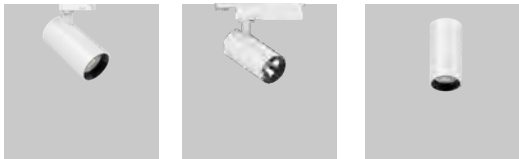
page 278

ALPHA S

page 290

NOVA-C M

page 246



Order options

SYSTEM POWER

15W
21W

COLOUR TEMPERATURE

2700K
3000K
4000K

COLOUR RENDERING INDEX

CRI 80
CRI 90

HOUSING COLOUR



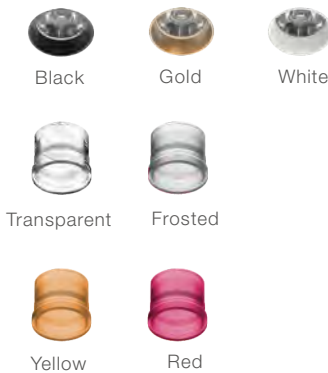
LENS



ANTI-GLARE ACCESSORY

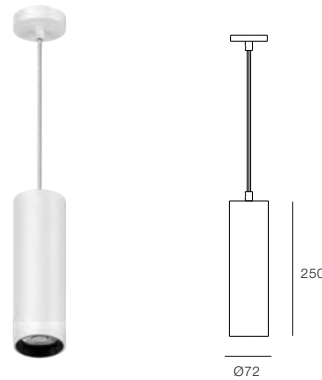


DECORATION RING



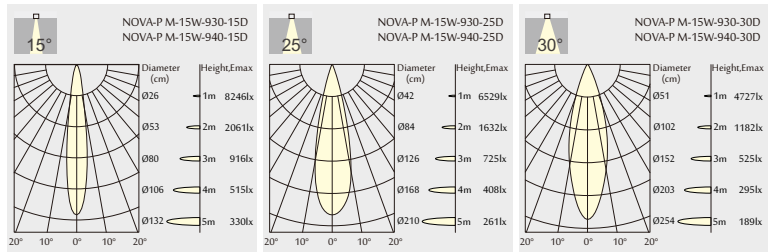
NOVA-P M

3000K
(Standard)



Light distribution for 3000K

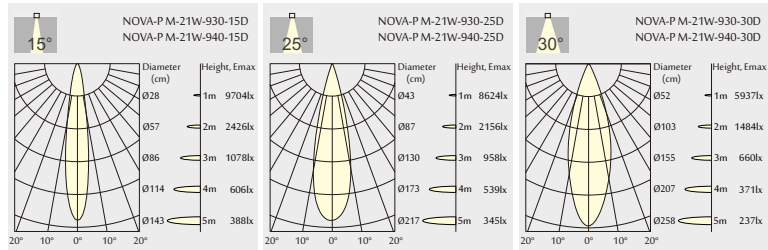
15W 1200lm-1300lm



Order Information

NOVA-P M-15W 1200 Lm MODELS				(CITIZEN LED)				
Code	LED output	Module output	CD	LED Power	System Power	CRI	CCT	BEAM
NOVA-P M-15W-930-15D	1500 lm	1200 lm	8246 cd	13 W	15 W	90	3000K	15°
NOVA-P M-15W-940-15D	1600 lm	1300 lm	8486 cd	13 W	15 W	90	4000K	15°
NOVA-P M-15W-930-25D	1500 lm	1200 lm	6532 cd	13 W	15 W	90	3000K	25°
NOVA-P M-15W-940-25D	1600 lm	1300 lm	6658 cd	13 W	15 W	90	4000K	25°
NOVA-P M-15W-930-30D	1500 lm	1200 lm	4727 cd	13 W	15 W	90	3000K	30°
NOVA-P M-15W-940-30D	1600 lm	1300 lm	4944 cd	13 W	15 W	90	4000K	30°

21W 1600lm-1700lm



Order Information

NOVA-P M-21W 1600 Lm MODELS				(CITIZEN LED)				
Code	LED output	Module output	CD	LED Power	System Power	CRI	CCT	BEAM
NOVA-P M-21W-930-15D	2000 lm	1600 lm	9709 cd	18 W	21 W	90	3000K	15°
NOVA-P M-21W-940-15D	2100 lm	1700 lm	10616 cd	18 W	21 W	90	4000K	15°
NOVA-P M-21W-930-25D	2000 lm	1600 lm	8624 cd	18 W	21 W	90	3000K	25°
NOVA-P M-21W-940-25D	2100 lm	1700 lm	9494 cd	18 W	21 W	90	4000K	25°
NOVA-P M-21W-930-30D	2000 lm	1600 lm	5939 cd	18 W	21 W	90	3000K	30°
NOVA-P M-21W-940-30D	2100 lm	1700 lm	6837 cd	18 W	21 W	90	4000K	30°



Quickinfo

GENERAL

pendant

with internal LED driver

LED

COB LED module

2700K, 3000K, 4000K

CRI > 80, CRI > 90

Bining < 3-Step MacAdam

ESTIMATED LED LIFETIME

L80 / 50.000h

OPTICAL

direct illumination

beam angle 18°, 30°, 45°

ELECTRICAL

non DIM

PHYSICAL

aluminium

powder coating

FELLOW M

page 280

ALPHA M

page 292

NOVA-C L

page 248



Order options

COLOUR TEMPERATURE

2700K

3000K

4000K

COLOUR RENDERING INDEX

CRI 80

CRI 90

HOUSING COLOUR

White

Black

LENS

18°Beam

30°Beam

45°Beam

ANTI-GLARE ACCESSORY

Honeycomb mesh

HM-M

DECORATION RING

Black

Gold

White

Transparent

Frosted

Yellow

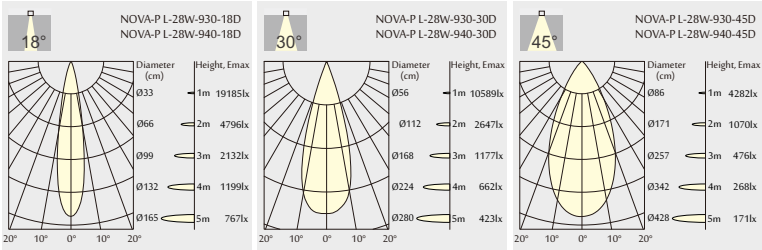
Red

NOVA-P L



Light distribution for 3000K

28W 2700lm-2900lm



NOVA-P L-28W 2700 Lm MODELS			(CITIZEN LED)					
Code	LED output	Module output	CD	LED Power	System Power	CRI	CCT	BEAM
NOVA-P L-28W-930-18D	3400 lm	2700 lm	19194 cd	25 W	28 W	90	3000K	18°
NOVA-P L-28W-940-18D	3600 lm	2900 lm	20012 cd	25 W	28 W	90	4000K	18°
NOVA-P L-28W-930-30D	3400 lm	2700 lm	10662 cd	25 W	28 W	90	3000K	30°
NOVA-P L-28W-940-30D	3600 lm	2900 lm	11854 cd	25 W	28 W	90	4000K	30°
NOVA-P L-28W-930-45D	3400 lm	2700 lm	4285 cd	25 W	28 W	90	3000K	45°
NOVA-P L-28W-940-45D	3600 lm	2900 lm	4588 cd	25 W	28 W	90	4000K	45°



NOVA Display Case

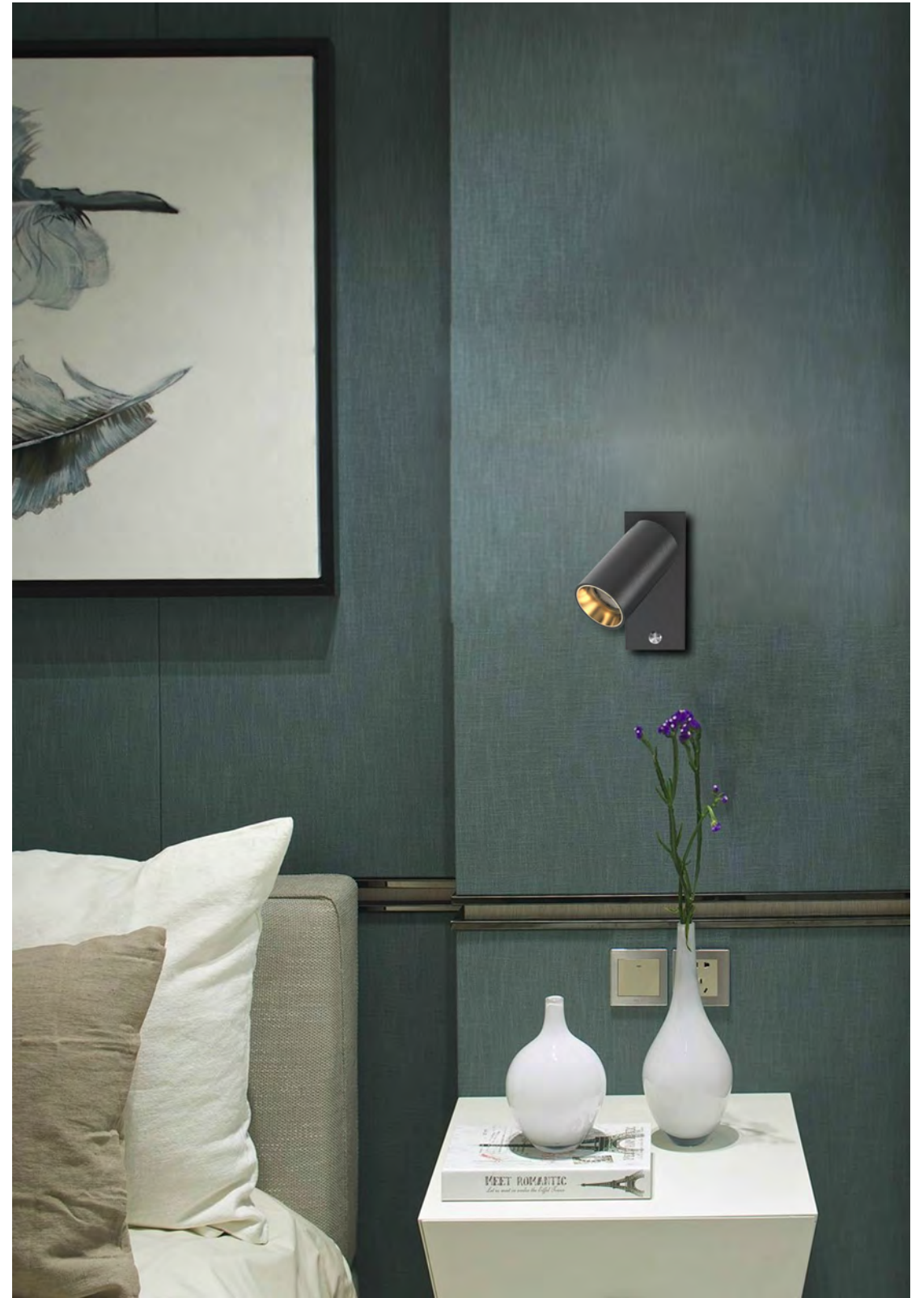


KOALA

Wall Surface



KOALA
 ▶ page 266





Quickinfo

GENERAL

wall mounted
with internal LED driver

LED

COB LED module
2700K, 3000K, 4000K
CRI > 80, CRI > 90
Bining < 3-Step MacAdam

ESTIMATED LED LIFETIME

L80 / 50.000h

OPTICAL

direct illumination
beam angle 18°, 24°, 36°

ELECTRICAL

non DIM

PHYSICAL

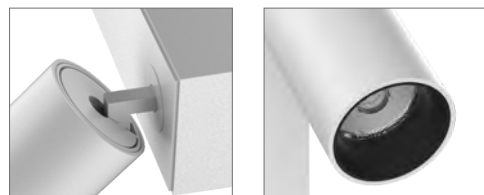
aluminium
powder coating

Function

Wall mounted luminaires consist of aluminum.
Head 350° swiveling and 90° tilting.
High colour rendering energy efficient LED.
Equipped with high quality clear lens of different beam angles.

Applicable to diffuse illumination or functional lighting.
Finish in microstructure painting white or black.
Decorative inner ring in black, white and gold color.

Features



Rotating and pivoting function with briefness and delicacy

Order options

COLOUR TEMPERATURE

2700K
3000K
4000K

COLOUR RENDERING INDEX

CRI 80
CRI 90

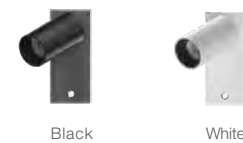
LENS



DECORATION RING



HOUSING COLOR



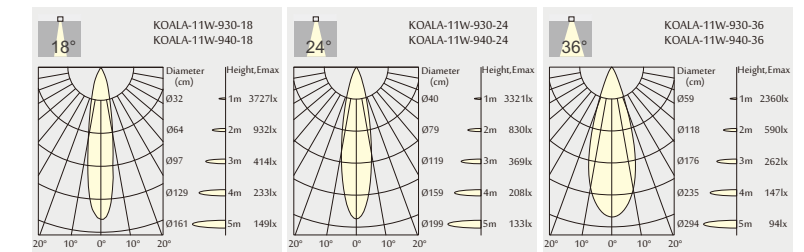
KOALA

3000K
(Standard)



Light distribution for 3000K

11W 720 lm-800 lm



Order Information

KOALA-11W 720 Lm MODELS				(CITIZEN LED)				
Code	LED output	Module output	CD	LED Power	System Power	CRI	CCT	BEAM
KOALA-11W-930-18	950 lm	720 lm	3733 cd	9 W	11 W	90	3000K	18°
KOALA-11W-940-18	1050 lm	800 lm	4294 cd	9 W	11 W	90	4000K	18°
KOALA-11W-930-24	950 lm	720 lm	3321 cd	9 W	11 W	90	3000K	24°
KOALA-11W-940-24	1050 lm	800 lm	3543 cd	9 W	11 W	90	4000K	24°
KOALA-11W-930-36	950 lm	720 lm	2361 cd	9 W	11 W	90	3000K	36°
KOALA-11W-940-36	1050 lm	800 lm	2545 cd	9 W	11 W	90	4000K	36°



TRACKLIGHT
LED Spotlight System

TRACKLIGHT

LED Spotlight System



GRACE S

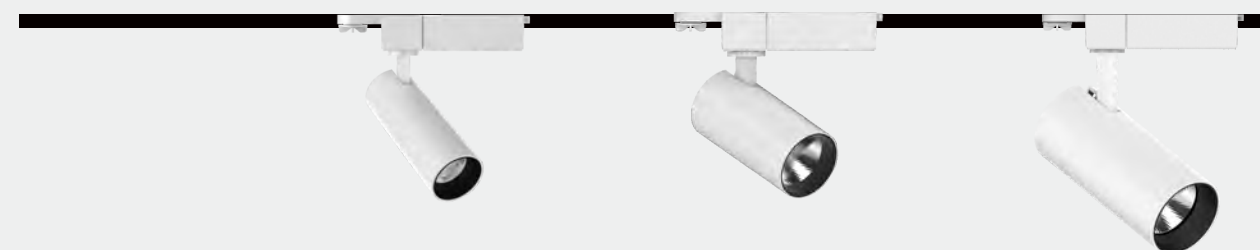
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FELLOW S

▶ page 276

FELLOW M

▶ page 280



GITTA S

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ALPHA S

▶ page 290

ALPHA M

▶ page 292

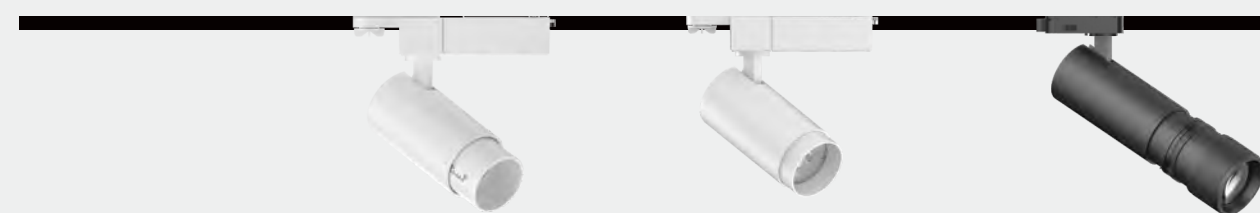


CITA

▶ page 296

DELTA

▶ page 310



ZOOMSPOT

▶ page 304

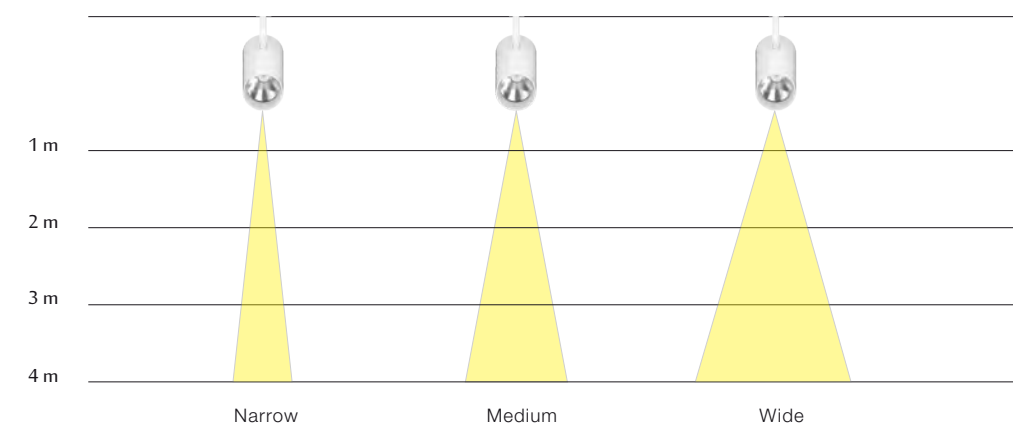
POINTSPOT

▶ page 306

ZOOMART

▶ page 310

Narrow, medium and wide beam angles are available for different lighting applications



TRACKLIGHT/GRACE
LED Spotlight System

Track lights and tracks



Track lights and tracks



Quickinfo

GENERAL

track light
with internal LED driver

LED

COB LED module
2700K, 3000K, 4000K
CRI > 80, CRI > 90
Bining < 3-Step MacAdam

ESTIMATED LED LIFETIME

L80 / 50,000h

OPTICAL

direct illumination
beam angle 18°, 24°, 36°

ELECTRICAL

non DIM

PHYSICAL

aluminium
powder coating

Function

Ultra-slim housing design with LED driver inside.
The minimalist and cylindrical shape.
The head rotates through 355° and pivots through 90°.
Therm-optimal design ensures low temperature and long lifetime.

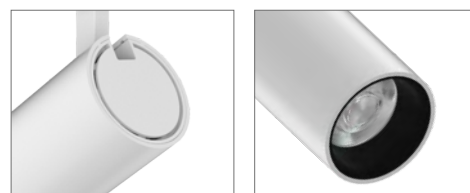
Front ring provides good glare control.
Microstructure painting in white or black.
Adopt of lens guarantees high luminous efficiency and uniform distribution.

Features

GITTA S
page 286

NOVA-C S
page 234

NOVA-P S
page 254



Concise structure with driver inside housing
High quality optical lens ensures precise lighting distribution

Order options

COLOUR TEMPERATURE

2700K
3000K
4000K

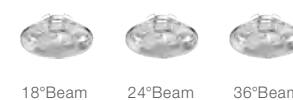
COLOUR RENDERING INDEX

CRI 80
CRI 90

HOUSING



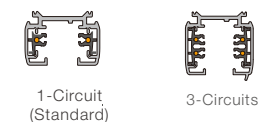
LENS



ANTI-GLARE ACCESSORY

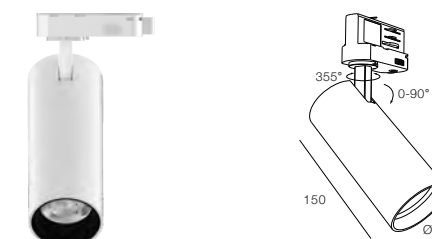


TRACK ADAPTER



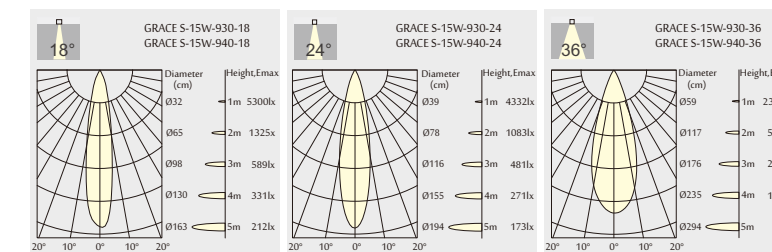
GRACE S

3000K
(Standard)



Light distribution for 3000K

15 W 950lm-1000lm



Order Information

GRACE S 15W 950 Lm MODELS

(CITIZEN LED)

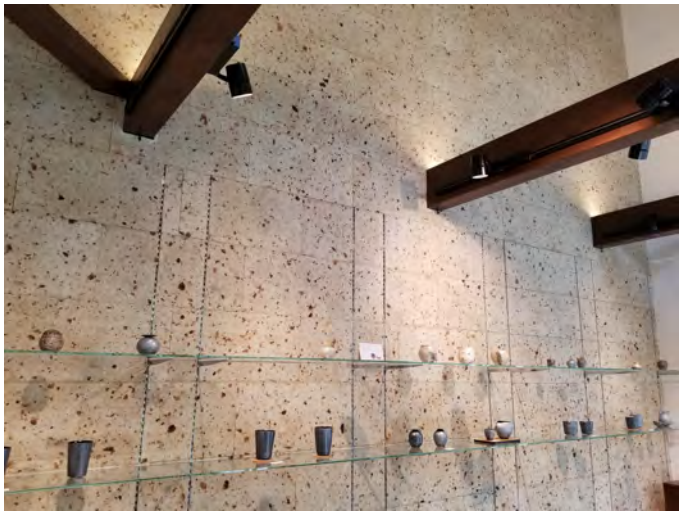
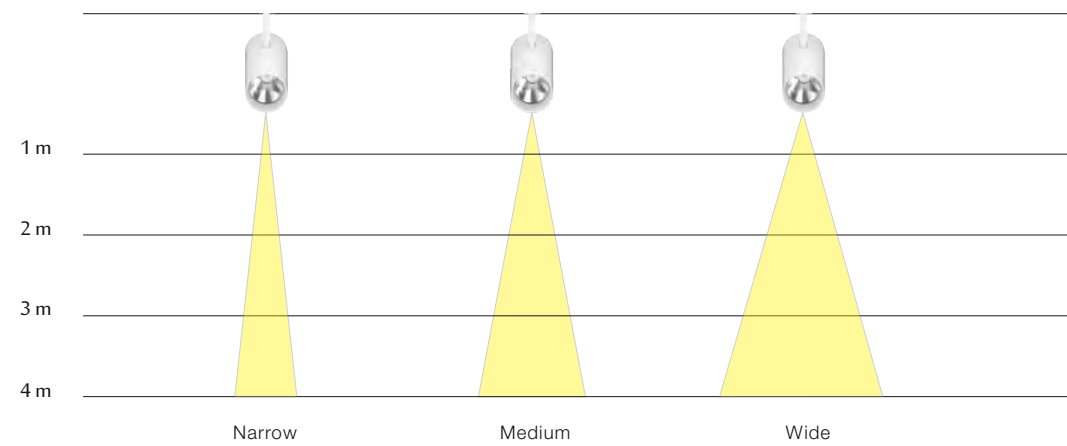
Code	LED output	Module output	CD	LED Power	System Power	CRI	CCT	BEAM
GRACE S-15W-930-18	1300 lm	950 lm	5310 cd	13 W	15 W	90	3000K	18°
GRACE S-15W-940-18	1400 lm	1000 lm	5476 cd	13 W	15 W	90	4000K	18°
GRACE S-15W-930-24	1300 lm	950 lm	4332 cd	13 W	15 W	90	3000K	24°
GRACE S-15W-940-24	1400 lm	1000 lm	4651 cd	13 W	15 W	90	4000K	24°
GRACE S-15W-930-36	1300 lm	950 lm	3060 cd	13 W	15 W	90	3000K	36°
GRACE S-15W-940-36	1400 lm	1000 lm	3355 cd	13 W	15 W	90	4000K	36°



TRACKLIGHT/FELLOW
LED Spotlight System

Track lights and tracks

Narrow, medium and wide beam angles are available for different lighting applications



TRACKLIGHT/FELLOW S

LED Spotlight System



Quickinfo

GENERAL
track light
with internal LED driver

LED
COB LED module
2700K, 3000K, 4000K
CRI > 80, CRI > 90
Bining < 3-Step MacAdam

ESTIMATED LED LIFETIME
L80 / 50,000h

OPTICAL
direct illumination
beam angle 15°, 25°, 30°

ELECTRICAL
non DIM

PHYSICAL
aluminium
powder coating

Function

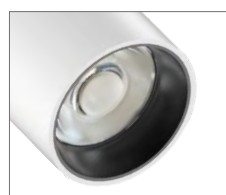
FELLOW S perfectly combines functionality and esthetics. Elegant design with LED driver inside housing
The head rotates through 355° and pivots through 90°.

Optimized passive cooling system ensures low temperature and long lifetime of LED.
Front ring provides good glare control.
Adopt of lens guarantees high luminous efficiency and uniform distribution .
High visual comfort.

ALPHA S
page 290

NOVA-C M
page 246

NOVA-P M
page 256



Concise structure with driver inside housing
High quality optical lens ensures precise lighting distribution

Features

Order options

SYSTEM POWER

15W
21W

COLOUR TEMPERATURE

2700K
3000K
4000K

COLOUR RENDERING INDEX

CRI 80
CRI 90

HOUSING



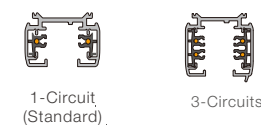
LENS



ANTI-GLARE ACCESSORY

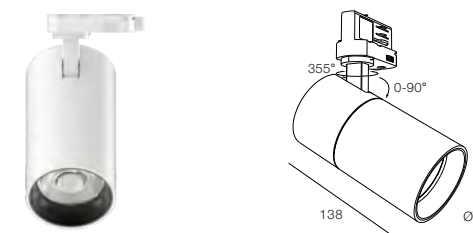


TRACK ADAPTER



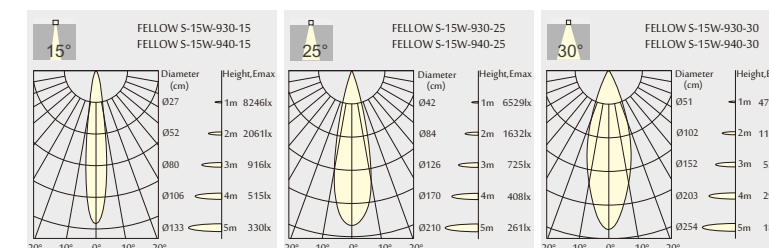
FELLOW S

3000K
(Standard)



Light distribution for 3000K

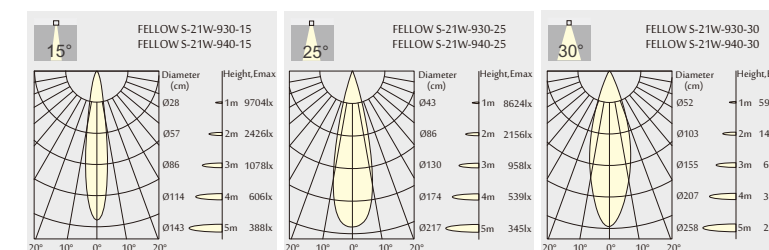
15 W 1200lm-1300lm



Order Information

FELLOW S-15W 1200 Lm MODELS		(CITIZEN LED)						
Code	LED output	Module output	CD	LED Power	System Power	CRI	CCT	BEAM
FELLOW S-15W-930-15	1500 lm	1200 lm	8246 cd	13 W	15 W	90	3000K	15°
FELLOW S-15W-940-15	1600 lm	1300 lm	8486 cd	13 W	15 W	90	4000K	15°
FELLOW S-15W-930-25	1500 lm	1200 lm	6532 cd	13 W	15 W	90	3000K	25°
FELLOW S-15W-940-25	1600 lm	1300 lm	6658 cd	13 W	15 W	90	4000K	25°
FELLOW S-15W-930-30	1500 lm	1200 lm	4727 cd	13 W	15 W	90	3000K	30°
FELLOW S-15W-940-30	1600 lm	1300 lm	4944 cd	13 W	15 W	90	4000K	30°

21 W 1600lm-1700lm



Order Information

FELLOW S-21W 1600 Lm MODELS		(CITIZEN LED)						
Code	LED output	Module output	CD	LED Power	System Power	CRI	CCT	BEAM
FELLOW S-21W-930-15	2000 lm	1600 lm	9709cd	18 W	21 W	90	3000K	15°
FELLOW S-21W-940-15	2100 lm	1700 lm	10616 cd	18 W	21 W	90	4000K	15°
FELLOW S-21W-930-25	2000 lm	1600 lm	8624 cd	18 W	21 W	90	3000K	25°
FELLOW S-21W-940-25	2100 lm	1700 lm	9494 cd	18 W	21 W	90	4000K	25°
FELLOW S-21W-930-30	2000 lm	1600 lm	5939 cd	18 W	21 W	90	3000K	30°
FELLOW S-21W-940-30	2100 lm	1700 lm	6837 cd	18 W	21 W	90	4000K	30°



Quickinfo

- GENERAL
- track light
- with internal LED driver
- LED
- COB LED module
- 2700K, 3000K, 4000K
- CRI > 80, CRI > 90
- Bining < 3-Step MacAdam

- ESTIMATED LED LIFETIME
- L80 / 50,000h

- OPTICAL
- direct illumination
- beam angle 18°, 30°, 45°

- ELECTRICAL
- non DIM

- PHYSICAL
- aluminium
- powder coating

Function

FELLOW M perfectly combines functionality and esthetics. Elegant design with LED driver inside housing
The head rotates through 355° and pivots through 90°.

Optimized passive cooling system ensures low temperature and long lifetime of LED.
Front ring provides good glare control. Adopt of lens guarantees high luminous efficiency and uniform distribution .
High visual comfort.

Features

- ALPHA M
- page 292
- NOVA-C L
- page 248
- NOVA-P L
- page 258



Concise structure with driver inside housing
High quality optical lens ensures precise lighting distribution

Order options

- COLOUR TEMPERATURE
- 2700K
- 3000K
- 4000K
- COLOUR RENDERING INDEX
- CRI 80
- CRI 90
- HOUSING
- White
- Black

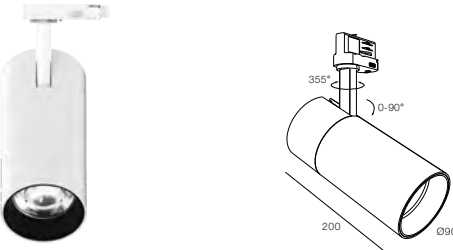
- LENS
- 18°Beam
- 30°Beam
- 45°Beam

- ANTI-GLARE ACCESSORY
-
- Honeycomb mesh
HM-M

- TRACK ADAPTER
-
- 1-Circuit
(Standard),
-
- 3-Circuits,

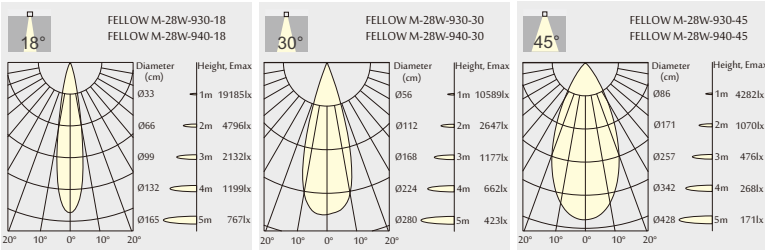
FELLOW M

- 3000K
- (Standard)



Light distribution for 3000K

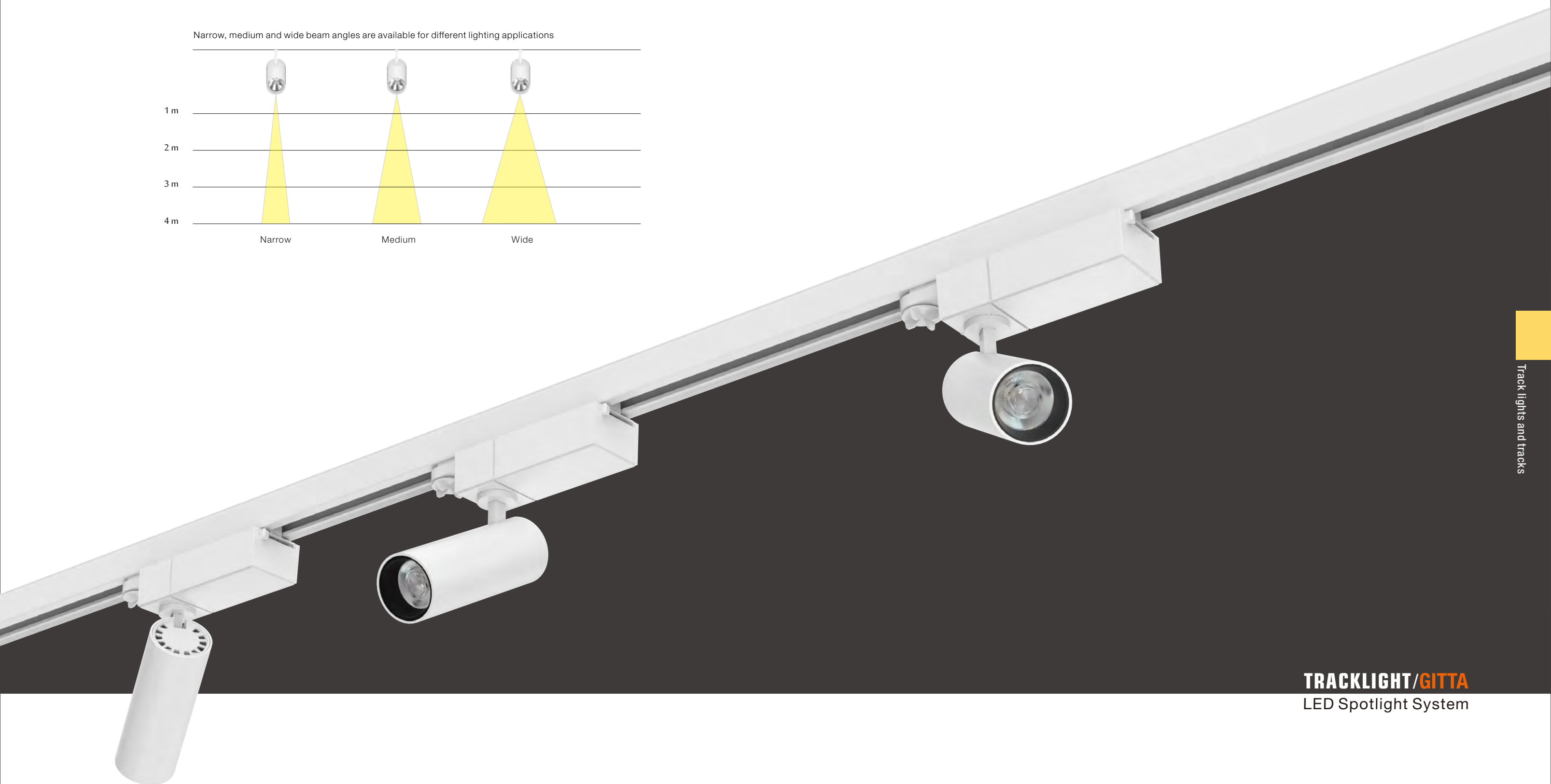
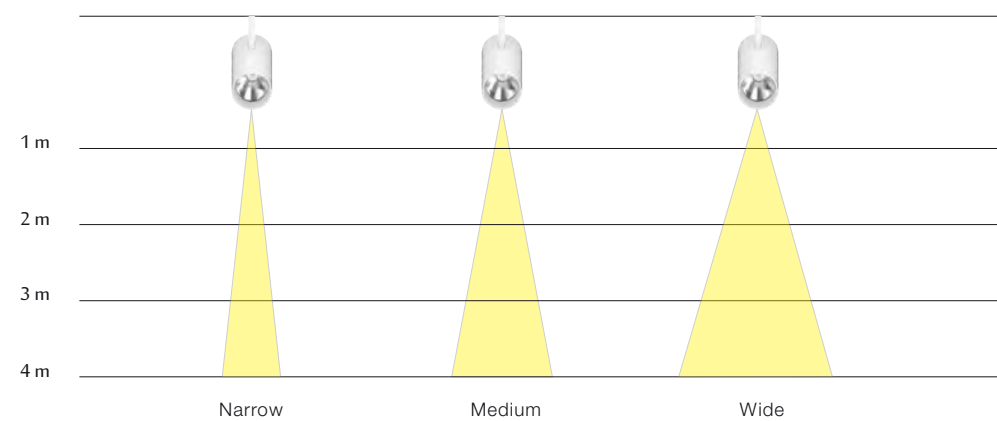
28 W 2700lm-2900lm



Order Information							
FELLOW M-28W 2700 Lm MODELS				(CITIZEN LED)			
Code	LED output	Module output	CD	LED Power	System Power	CRI	CCT
FELLOW M-28W-930-18	3400 lm	2700 lm	19194 cd	25 W	28 W	90	3000K 18°
FELLOW M-28W-940-18	3600 lm	2900 lm	20012 cd	25 W	28 W	90	4000K 18°
FELLOW M-28W-930-30	3400 lm	2700 lm	10662 cd	25 W	28 W	90	3000K 30°
FELLOW M-28W-940-30	3600 lm	2900 lm	11854 cd	25 W	28 W	90	4000K 30°
FELLOW M-28W-930-45	3400 lm	2700 lm	4285 cd	25 W	28 W	90	3000K 45°
FELLOW M-28W-940-45	3600 lm	2900 lm	4588 cd	25 W	28 W	90	4000K 45°



Narrow, medium and wide beam angles are available for different lighting applications



TRACKLIGHT/GITTA
LED Spotlight System



Quickinfo

GENERAL

track light

LED

COB LED module

2700K, 3000K, 4000K

CRI > 80, CRI > 90

Bining < 3-Step MacAdam

ESTIMATED LED LIFETIME

L80 / 50,000h

OPTICAL

direct illumination

beam angle 15°, 25°, 40°

ELECTRICAL

non DIM

PHYSICAL

aluminium

powder coating

Function

Ultra-slim housing design with normal gear box. The minimalist and cylindrical shape. The head rotates through 355° and pivots through 90°. The rotating position can be read by the scale marked on LED driver box.

Therm-optimal design ensures low temperature and long lifetime. Front ring provides good glare control. Microstructure painting in white or black.

Features

GRACE S

▶ page 274



NOVA-C S

▶ page 234



NOVA-P S

▶ page 258



Transparent gear box cover makes it easy for driver maintenance
Delicate detail for scale markings

Order options

COLOUR TEMPERATURE

2700K

3000K

4000K

COLOUR RENDERING INDEX

CRI 80

CRI 90

HOUSING



White

Black

LENS



15° Beam

25° Beam

40° Beam

ANTI-GLARE ACCESSORY



Honeycomb mesh
HM-M

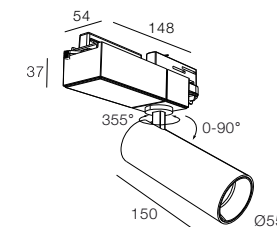
TRACK ADAPTER



3-Circuits

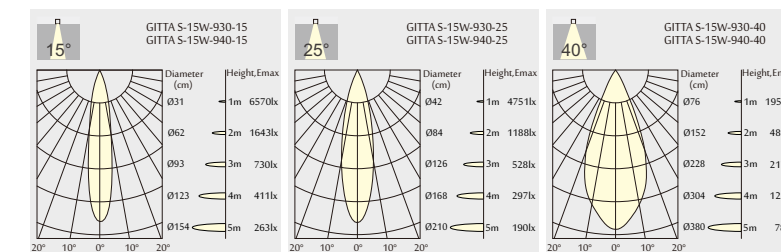
GITTA S

3000K
(Standard)



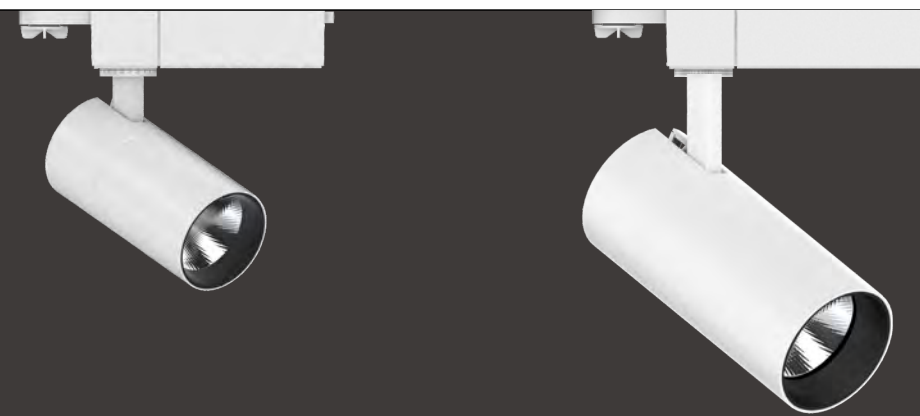
Light distribution for 3000K

15 W 950lm-1000lm



Order Information

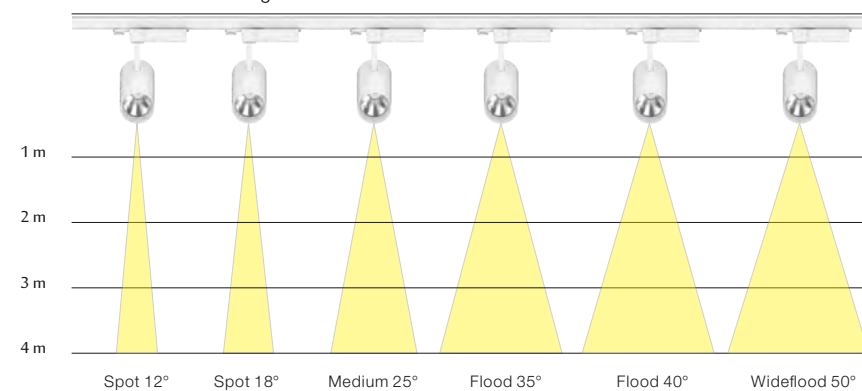
GITTA S-15W 950 Lm MODELS							
(CITIZEN LED)							
Code	LED output	Module output	CD	LED Power	System Power	CRI	BEAM
GITTA S-15W-930-15	1300 lm	950 lm	6582 cd	13 W	15 W	90	3000K 15°
GITTA S-15W-940-15	1400 lm	1000 lm	7107 cd	13 W	15 W	90	4000K 15°
GITTA S-15W-930-25	1300 lm	950 lm	4760 cd	13 W	15 W	90	3000K 25°
GITTA S-15W-940-25	1400 lm	1000 lm	5201 cd	13 W	15 W	90	4000K 25°
GITTA S-15W-930-40	1300 lm	950 lm	1959 cd	13 W	15 W	90	3000K 40°
GITTA S-15W-940-40	1400 lm	1000 lm	2129 cd	13 W	15 W	90	4000K 40°



TRACKLIGHT/ALPHA LED Spotlight System

Track lights and tracks

Accessories are interchangeable, owing to Zhaga concept. Thanks to the twist & lock design, reflectors can be changed without tool, so as to achieve spot, medium, flood and wideflood light distribution.

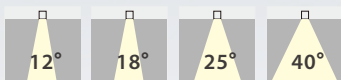


ALPHA track light is a perfect choice for shop lighting



TRACKLIGHT/ALPHA S

LED Spotlight System



Quickinfo

GENERAL

track light

LED

COB LED module

2700K, 3000K, 4000K

CRI > 80, CRI > 90

Bining < 3-Step MacAdam

ESTIMATED LED LIFETIME

L80 / 50,000h

OPTICAL

direct illumination

beam angle 12°, 18°, 25°, 40°

ELECTRICAL

non DIM

PHYSICAL

aluminium

powder coating

Function

ALPHA S perfectly combines design and function. The head rotates through 355° and pivots through 90°. The rotating position can be read by the scale marked on LED driver box. Optimized passive cooling system ensures low temperature and long lifetime of LED.

Front ring provides good glare control. A combination of perfectly developed lens and reflector provides highly precise light distribution.

Order options

SYSTEM POWER

15W

28W

COLOUR TEMPERATURE

2700K

3000K

4000K

COLOUR RENDERING INDEX

CRI 80

CRI 90

HOUSING



White

Black

REFLECTOR



ANTI-GLARE ACCESSORY

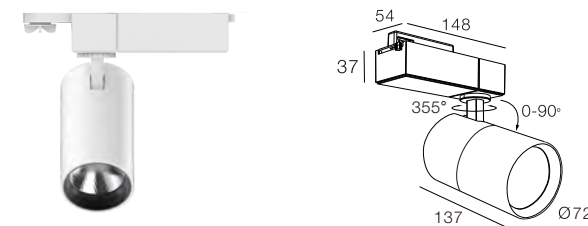


TRACK ADAPTER



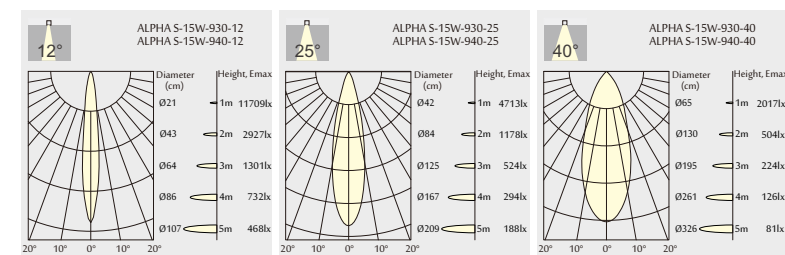
ALPHA S

3000K
(Standard)



Light distribution for 3000K

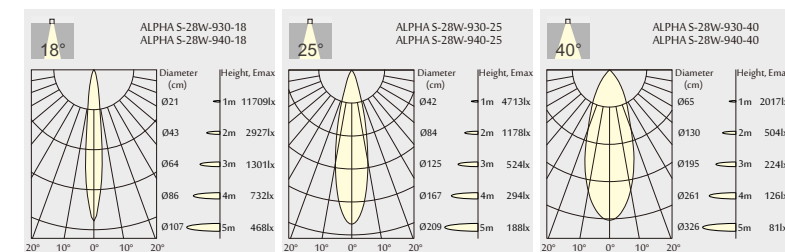
15 W 1000lm-1100lm



Order Information

ALPHA S-15W 1000 Lm MODELS				(CITIZEN LED)			
Code	LED output	Module output	CD	LED Power	System Power	CRI	CCT
ALPHA S-15W-930-12	1300 lm	1000 lm	11715 cd	13 W	15 W	90	3000K
ALPHA S-15W-940-12	1400 lm	1100 lm	12392 cd	13 W	15 W	90	4000K
ALPHA S-15W-930-25	1300 lm	1000 lm	4721 cd	13 W	15 W	90	3000K
ALPHA S-15W-940-25	1400 lm	1100 lm	5056 cd	13 W	15 W	90	4000K
ALPHA S-15W-930-40	1300 lm	1000 lm	2018 cd	13 W	15 W	90	3000K
ALPHA S-15W-940-40	1400 lm	1100 lm	2078 cd	13 W	15 W	90	4000K

28 W 1900-2000lm



Order Information

ALPHA S-28W 1900 Lm MODELS				(CITIZEN LED)			
Code	LED output	Module output	CD	LED Power	System Power	CRI	CCT
ALPHA S-28W-930-18	2500 lm	1900 lm	11606 cd	25 W	28 W	90	3000K
ALPHA S-28W-940-18	2600 lm	2000 lm	12158 cd	25 W	28 W	90	4000K
ALPHA S-28W-930-25	2500 lm	1900 lm	6890 cd	25 W	28 W	90	3000K
ALPHA S-28W-940-25	2600 lm	2000 lm	7260 cd	25 W	28 W	90	4000K
ALPHA S-28W-930-40	2500 lm	1900 lm	3305 cd	25 W	28 W	90	3000K
ALPHA S-28W-940-40	2600 lm	2000 lm	3478 cd	25 W	28 W	90	4000K

FELLOW S
page 278

NOVA-C M
page 246

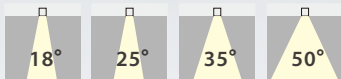
NOVA-P M
page 256



Transparent gear box cover makes it easy for driver maintenance
Delicate detail for scale markings

TRACKLIGHT/ALPHA M

LED Spotlight System



Quickinfo

GENERAL

track light

LED

COB LED module

2700K, 3000K, 400K

CRI > 80, CRI90

Bining < 3-Step MacAdam

ESTIMATED LED LIFETIME

L80 / 50,000h

OPTICAL

direct illumination

beam angle 18°, 25°, 35°, 50°

ELECTRICAL

non DIM

PHYSICAL

aluminium

powder coating

Function

ALPHA M perfectly combines design and function. The head rotates through 355° and pivots through 90°. The rotating position can be read by the scale marked on LED driver box. Optimized passive cooling system ensures low temperature and long lifetime of LED.

Front ring provides good glare control. A combination of perfectly developed lens and reflector provides high precision light distribution.

Features

FELLOW M

page 280

NOVA-C L

page 248

NOVA-P L

page 258



Transparent gear box cover makes it easy for driver maintenance
Delicate detail for scale markings

Order options

COLOUR TEMPERATURE

2700K

3000K

4000K

COLOUR RENDERING INDEX

CRI 80

CRI 90

HOUSING



White

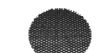


Black

REFLECTOR

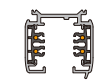


ANTI-GLARE ACCESSORY



Honeycomb mesh
HM-M

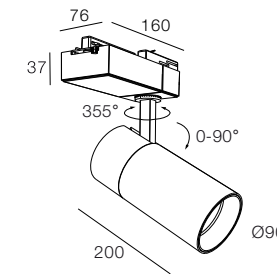
TRACK ADAPTER



3-Circuits

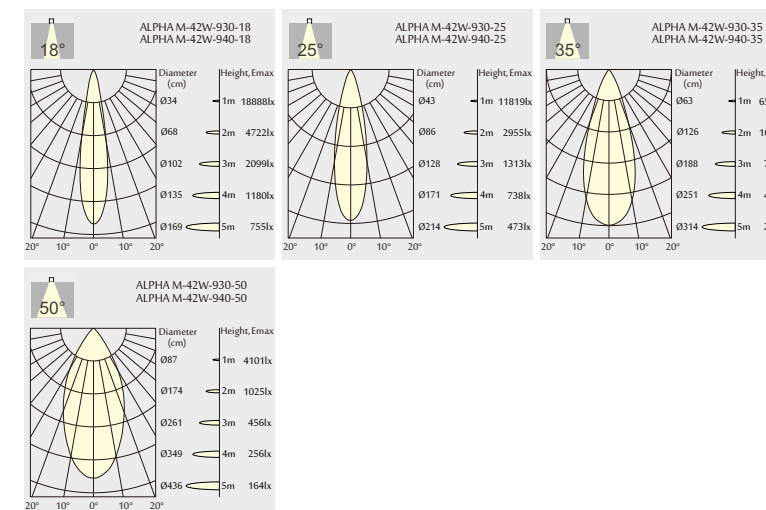
ALPHA M

3000K
(Standard)



Light distribution for 3000K

42 W 2700lm-2900lm



Order Information

ALPHA M-42W 2700 Lm MODELS

(CITIZEN LED)

Code	LED output	Module output	CD	LED Power	System Power	CRI	CCT	BEAM
ALPHA M-42W-930-18	3600 lm	2700 lm	18896 cd	38 W	42 W	90	3000K	18°
ALPHA M-42W-940-18	3800 lm	2900 lm	21430 cd	38 W	42 W	90	4000K	18°
ALPHA M-42W-930-25	3600 lm	2700 lm	11824 cd	38 W	42 W	90	3000K	25°
ALPHA M-42W-940-25	3800 lm	2900 lm	13236 cd	38 W	42 W	90	4000K	25°
ALPHA M-42W-930-35	3600 lm	2700 lm	6530 cd	38 W	42 W	90	3000K	35°
ALPHA M-42W-940-35	3800 lm	2900 lm	7296 cd	38 W	42 W	90	4000K	35°
ALPHA M-42W-930-50	3600 lm	2700 lm	4103 cd	38 W	42 W	90	3000K	50°
ALPHA M-42W-940-50	3800 lm	2900 lm	4593 cd	38 W	42 W	90	4000K	50°

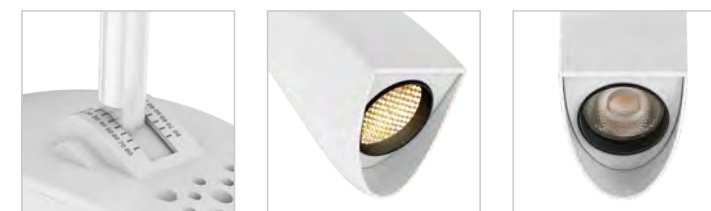


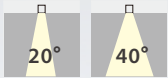
CITA tracklight is a perfect choice for specific architectural project



TRACKLIGHT/CITA

LED Spotlight System





Quickinfo

GENERAL
track light

LED
COB LED module
2700K, 3000K, 4000K
CRI > 80, CRI > 90
Bining < 3-Step MacAdam

ESTIMATED LED LIFETIME
L80 / 50,000h

OPTICAL
direct illumination
beam angle 20°, 40°, 60°

ELECTRICAL
non DIM

PHYSICAL
aluminium
powder coating

Function

Elegant design blending white with black element.
The head rotates through 355° and pivots through 80°.
The pivoting position can be read by the scale marked on housing.

Optimized passive cooling system ensures low temperature and long lifetime of LED.
A combination of perfectly developed lens and reflector provides high precision light distribution.



Nimble axis of rotation guarantees multiple application angles

Features

Order options

COLOUR TEMPERATURE
2700K
3000K
4000K

COLOUR RENDERING INDEX
CRI 80
CRI 90

HOUSING
 
White Black

LENS
 
20°Beam 40°Beam

ANTI-GLARE ACCESSORY

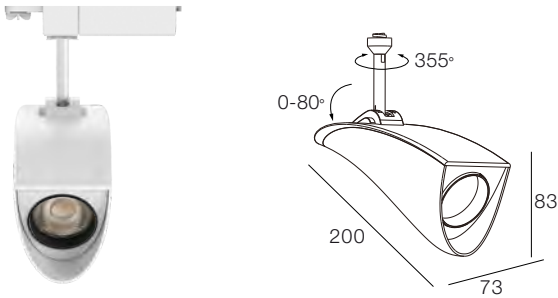
Honeycomb mesh
HM-M

TRACK ADAPTER

3-Circuits

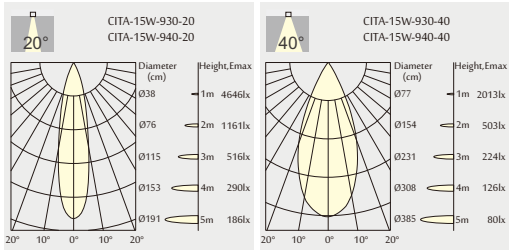
CITA

3000K
(Standard)



Light distribution for 3000K

15W 950 lm-1000 lm



Order Information

CITA-15W 950 Lm MODELS		(CITIZEN LED)						
Code	LED output	Module output	CD	LED Power	System Power	CRI	CCT	BEAM
CITA-15W-930-20	1300 lm	950 lm	4648 cd	13 W	15 W	90	3000K	20°
CITA-15W-940-20	1400 lm	1000 lm	4859 cd	13 W	15 W	90	4000K	20°
CITA-15W-930-40	1300 lm	950 lm	2013 cd	13 W	15 W	90	3000K	40°
CITA-15W-940-40	1400 lm	1000 lm	2187 cd	13 W	15 W	90	4000K	40°

TRACKLIGHT/DELTA

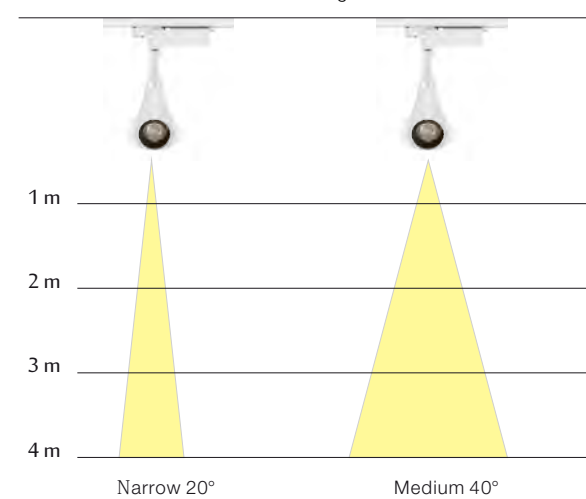
LED Spotlight System

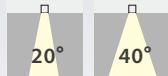


DELTA tracklight is a perfect choice for specific architectural project



Zhaga concept , accessories are interchangeable
Thanks to the twist & lock design,
reflector can be changed without tool
so as to achieve narrow and medium light distribution





Quickinfo

GENERAL

track light

LED

COB LED module

2700K, 3000K, 4000K

CRI > 80, CRI > 90

Bining < 3-Step MacAdam

ESTIMATED LED LIFETIME

L80 / 50,000h

OPTICAL

direct illumination

beam angle 20°, 40°, 60°

ELECTRICAL

non DIM

PHYSICAL

aluminium

powder coating

Function

Esthetic design with double ellipse outline concept

The head rotates through 355° and pivots through 90°.

Optimized passive cooling system ensures low temperature and long lifetime of LED.

A combination of perfectly developed lens and reflector provides high precision light distribution.



Distinct appearance with good anti-glare effect

Features

Order options

COLOUR TEMPERATURE

2700K

3000K

4000K

COLOUR RENDERING INDEX

CRI 80

CRI 90

HOUSING



White

Black

LENS



20°Beam

40°Beam

ANTI-GLARE ACCESSORY



Honeycomb mesh
HM-M

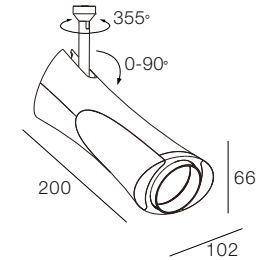
TRACK ADAPTER



3-Circuits

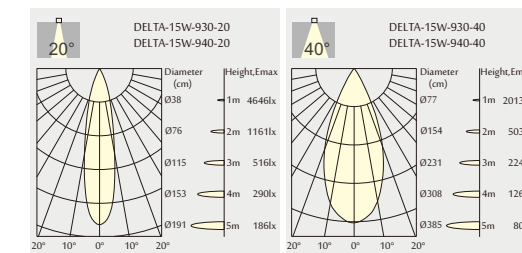
DELTA

3000K
(Standard)



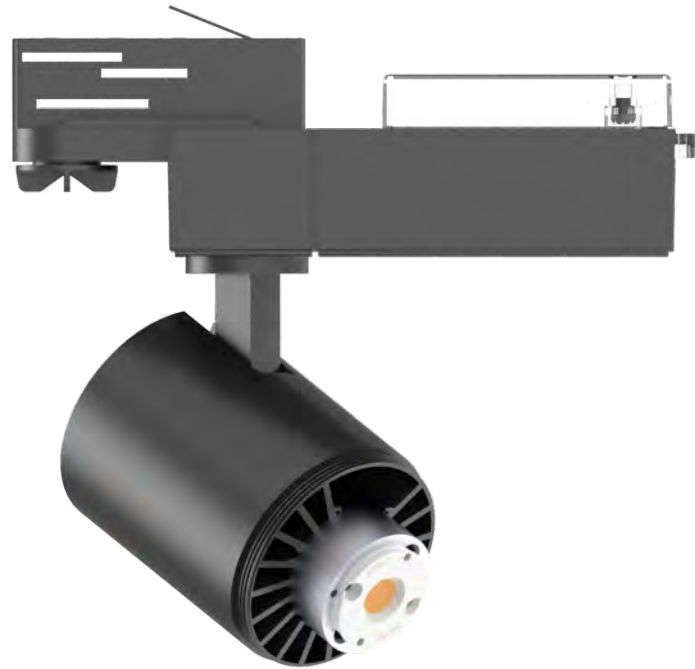
Light distribution for 3000K

15W 950 lm-1000 lm



Order Information

DELTA-15W 950 Lm MODELS		(CITIZEN LED)						
Code	LED output	Module output	CD	LED Power	System Power	CRI	CCT	BEAM
DELTA-15W-930-20	1300 lm	950 lm	4648 cd	13 W	15 W	90	3000K	20°
DELTA-15W-940-20	1400 lm	1000 lm	4859 cd	13 W	15 W	90	4000K	20°
DELTA-15W-930-40	1300 lm	950 lm	2013 cd	13 W	15 W	90	3000K	40°
DELTA-15W-940-40	1400 lm	1000 lm	2187 cd	13 W	15 W	90	4000K	40°



Housing



White

Black



Zoomable 15°-60°

Zoomspot



Pointspot



15°Beam

25°Beam

30°Beam



Spill Ring



Wall Washer Ring



Barndoor





Quickinfo

GENERAL

track light

LED

COB LED module

2700K, 3000K, 4000K

CRI > 80, CRI > 90

Bining < 3-Step MacAdam

ESTIMATED LED LIFETIME

L80 / 50.000h

OPTICAL

direct illumination

beam angle 15°-60°

ELECTRICAL

non DIM

PHYSICAL

aluminium

powder coating

Function

Zoomspot perfectly combines design and function. The head rotates through 355° and pivots through 90°. Glare-free due to recessed LED. Precise object focusing through adjustable lens. Adjustable beam angle of 15°-60°. Ideal choice for exhibition lighting.

Features



Order options

SYSTEM POWER

15W

COLOUR TEMPERATURE

2700K

3000K

4000K

COLOUR RENDERING INDEX

CRI 80

CRI 90

HOUSING



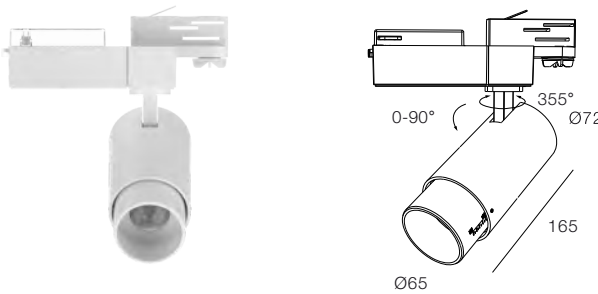
TRACK ADAPTER



3-Circuits

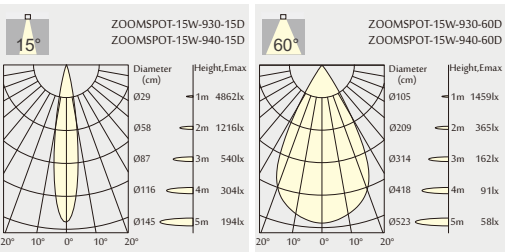
ZOOMSPOT

3000K
(Standard)



Light distribution for 3000K

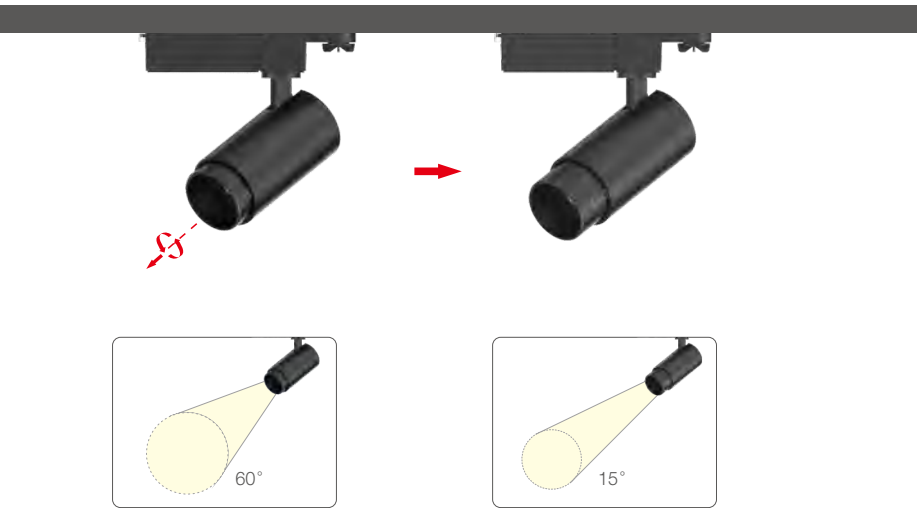
15W 550 lm-1100 lm

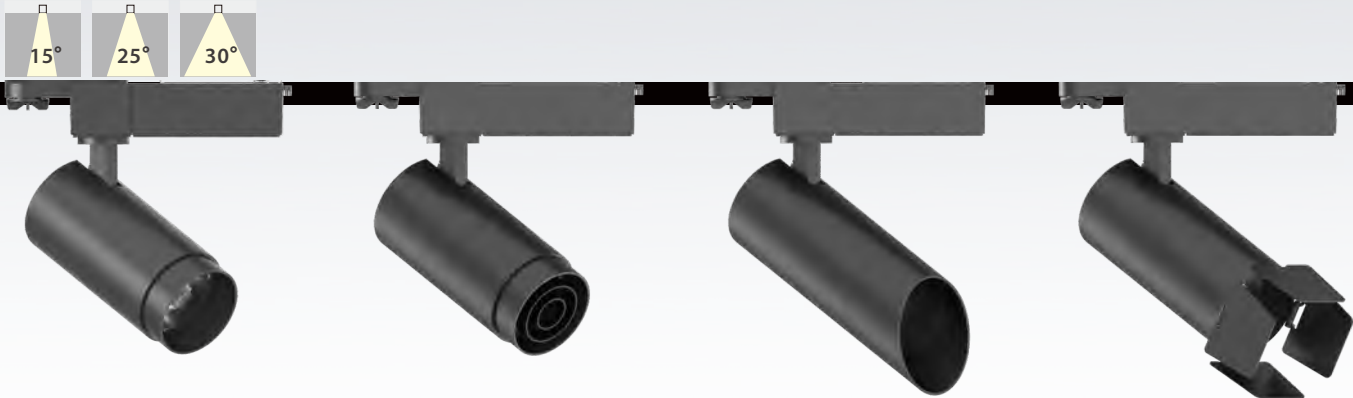


Order Information

ZOOMSPOT-15W 500-1000 Lm MODELS

Code	LED output	Module output	CD	LED Power	System Power	CRI	CCT	BEAM	LED BRAND
ZOOMSPOT-15W-930-15	1500 lm	500-1100 lm	1400-4900 cd	13 W	15 W	90	3000K	15-60°	CITIZEN
ZOOMSPOT-15W-940-15	1600 lm	600-1200 lm	1500-5300 cd	13 W	15 W	90	4000K	15-60°	CITIZEN





Quickinfo

GENERAL
track light

LED
COB LED module
2700K, 3000K, 4000K
CRI > 80, CRI > 90
Bining < 3-Step MacAdam

ESTIMATED LED LIFETIME
L80 / 50,000h

OPTICAL
direct illumination
beam angle 15°, 25°, 30°

ELECTRICAL
non DIM

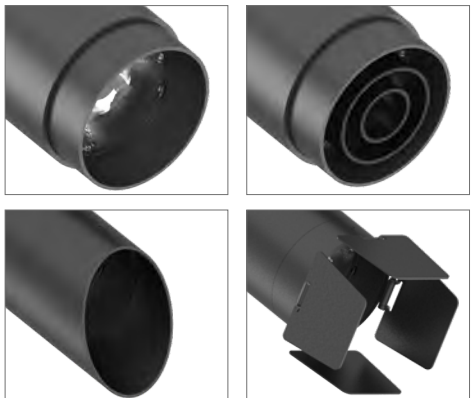
PHYSICAL
aluminium
powder coating

Function

Pointspot perfectly combines design and function.
The head rotates through 355° and pivots through 90°.
Glare-free due to recessed LED.
Precise radiation characteristic with 3 different beam angles.
Interchangeable lens with high luminous efficiency and uniform distribution

Various accessories supplied prevent glare and provide a high level of visual comfort.
Asymmetrical wall-washer screen for a uniform wall washing effect from the top down.

Features



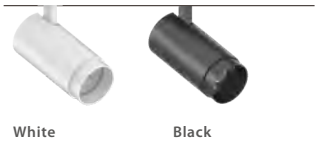
Order options

SYSTEM POWER
15W

COLOUR TEMPERATURE
2700K
3000K
4000K

COLOUR RENDERING INDEX
CRI 80
CRI 90

HOUSING



LENS



ACCESSORY

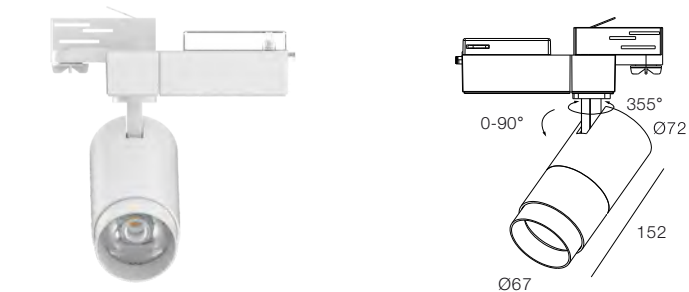


TRACK ADAPTER



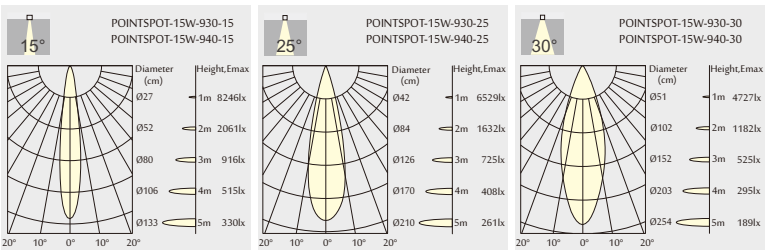
POINTSPOT

3000K
(Standard)



Light distribution for 3000K

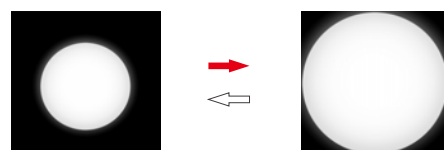
15 W 1200lm-1300lm



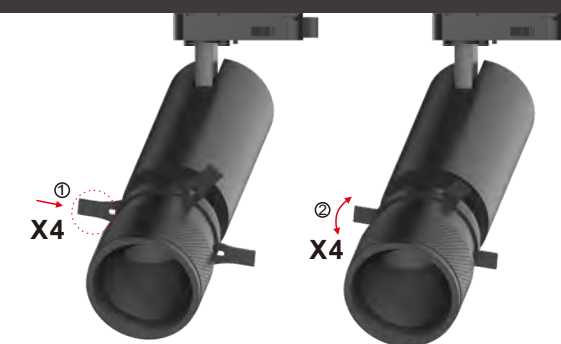
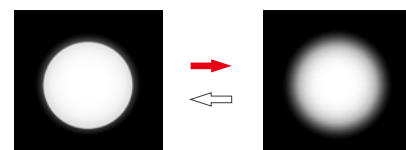
Order Information								
POINTSPOT-15W 1200 Lm MODELS (CITIZEN LED)								
Code	LED output	Module output	CD	LED Power	System Power	CRI	CCT	BEAM
POINTSPOT-15W-930-15	1500 lm	1200 lm	8246 cd	13 W	15 W	90	3000K	15°
POINTSPOT-15W-940-15	1600 lm	1300 lm	8486 cd	13 W	15 W	90	4000K	15°
POINTSPOT-15W-930-25	1500 lm	1200 lm	6532 cd	13 W	15 W	90	3000K	25°
POINTSPOT-15W-940-25	1600 lm	1300 lm	6658 cd	13 W	15 W	90	4000K	25°
POINTSPOT-15W-930-30	1500 lm	1200 lm	4727 cd	13 W	15 W	90	3000K	30°
POINTSPOT-15W-940-30	1600 lm	1300 lm	4944 cd	13 W	15 W	90	4000K	30°



• Zoomable



• Sharpness Adjustable



• Diverse Spots





Quickinfo

GENERAL

track light

LED

COB LED module
2700K, 3000K, 4000K
CRI > 80, CRI > 90
Bining < 3-Step MacAdam

ESTIMATED LED LIFETIME

L80 / 50,000h

OPTICAL

direct illumination
beam angle 20°-35°

ELECTRICAL

non DIM

PHYSICAL

aluminium
powder coating

Function

A complete range for the perfect lighting of exhibits.
Sensitive and high precise spotlight system for sophisticated lighting scenarios.
Sharp object focusing through adjustable lens.
Adjustable distance between the two convex lenses to achieve various size of light spot.

Drawing up/down the middle ring to attain different sharpness of the light spot dead line.
Easy adjustment on diverse lighting distribution shapes by inserting 4 sheet elements.

Features



Order options

SYSTEM POWER

15W

COLOUR TEMPERATURE

2700K
3000K
4000K

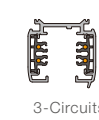
COLOUR RENDERING INDEX

CRI 80
CRI 90

HOUSING

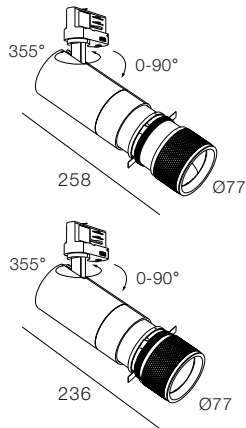


TRACK ADAPTER



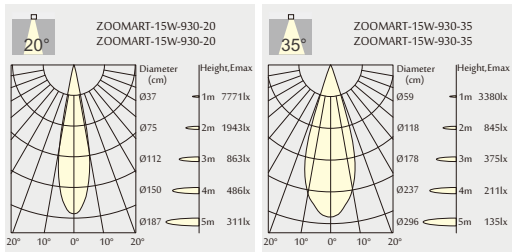
ZOOMART

3000K
(Standard)



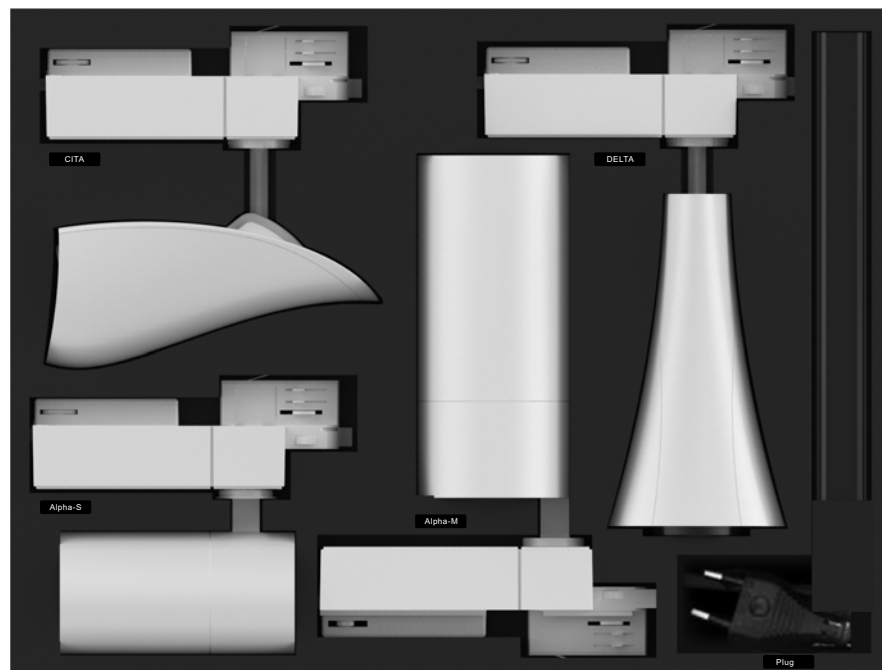
Light distribution for 3000K

15W 880 lm-950 lm

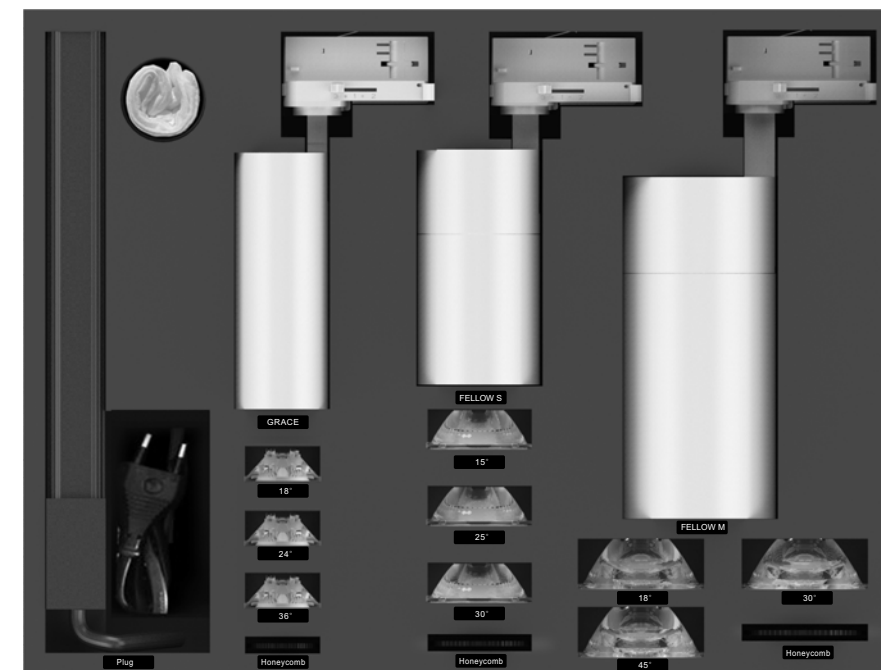


Order Information

ZOOMART-15W 880-950 Lm MODELS (CITIZEN LED)								
Code	LED output	Module output	LED Current	LED Power	System Power	CRI	CCT	BEAM
ZOOMART-15W-930	1500 lm	880 lm	350 mA	13 W	15 W	90	3000K	20-35°
ZOOMART-15W-940	1600 lm	950 lm	350 mA	13 W	15 W	90	4000K	20-35°

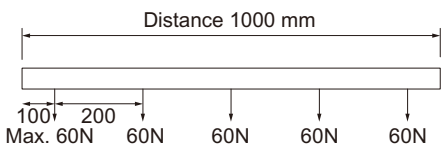
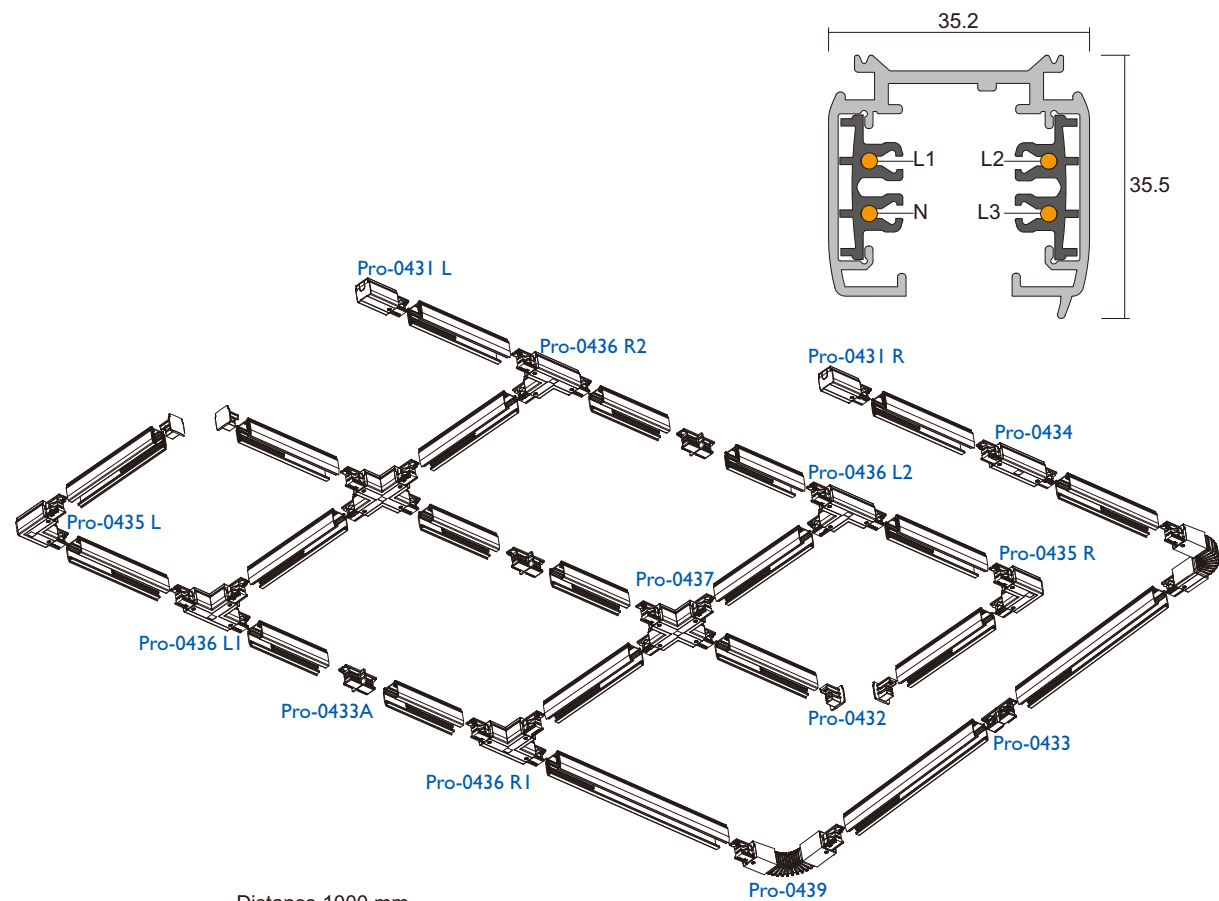


Tracklight-A Display Case
(For tracklight with gear box)

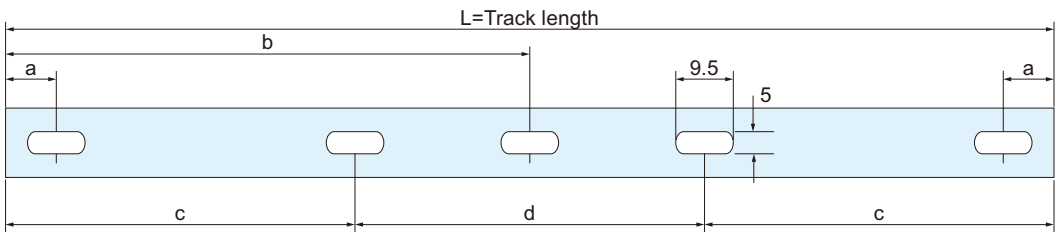


Tracklight-B Display Case
(For tracklight without gear box)





L / mm	a / mm	b / mm	c / mm	d / mm
1000	120			
2000	120	863		
3000	120		909	2086
4000	120		1242	2753



The Europe 4 line (3 Circuits) track system

Model No.	Track length	Shell Material	Colour	Package
Pro-0410-W	1M track actual one meter. (100cm)	Aluminum Extrusion	White	12 / 588
Pro-0410-S	1M track actual one meter. (100cm)	Aluminum Extrusion	Silver	12 / 588
Pro-0410-B	1M track actual one meter. (100cm)	Aluminum Extrusion	Black	12 / 588
Pro-0420-W	2M track actual two meters. (200cm)	Aluminum Extrusion	White	12 / 588
Pro-0420-S	2M track actual two meters. (200cm)	Aluminum Extrusion	Silver	12 / 588
Pro-0420-B	2M track actual two meters. (200cm)	Aluminum Extrusion	Black	12 / 588
Pro-0430-W	3M track actual three meters. (300cm)	Aluminum Extrusion	White	8 / 392
Pro-0430-S	3M track actual three meters. (300cm)	Aluminum Extrusion	Silver	8 / 392
Pro-0430-B	3M track actual three meters. (300cm)	Aluminum Extrusion	Black	8 / 392
Pro-04400-W	4M track actual four meters. (400cm)	Aluminum Extrusion	White	6 / 294
Pro-04400-S	4M track actual four meters. (400cm)	Aluminum Extrusion	Silver	6 / 294
Pro-04400-B	4M track actual four meters. (400cm)	Aluminum Extrusion	Black	6 / 294
Pro-0402-W	2'track actual length 24"(60cm)	Aluminum Extrusion	White	12 / 588
Pro-0402-S	2'track actual length 24"(60cm)	Aluminum Extrusion	Silver	12 / 588
Pro-0402-B	2'track actual length 24"(60cm)	Aluminum Extrusion	Black	12 / 588
Pro-0404-W	4'track actual length 48"(120cm)	Aluminum Extrusion	White	12 / 588
Pro-0404-S	4'track actual length 48"(120cm)	Aluminum Extrusion	Silver	12 / 588
Pro-0404-B	4'track actual length 48"(120cm)	Aluminum Extrusion	Black	12 / 588
Pro-0406-W	6'track actual length 72"(180cm)	Aluminum Extrusion	White	12 / 588
Pro-0406-S	6'track actual length 72"(180cm)	Aluminum Extrusion	Silver	12 / 588
Pro-0406-B	6'track actual length 72"(180cm)	Aluminum Extrusion	Black	12 / 588
Pro-0408-W	8'track actual length 96"(240cm)	Aluminum Extrusion	White	12 / 588
Pro-0408-S	8'track actual length 96"(240cm)	Aluminum Extrusion	Silver	12 / 588
Pro-0408-B	8'track actual length 96"(240cm)	Aluminum Extrusion	Black	12 / 588

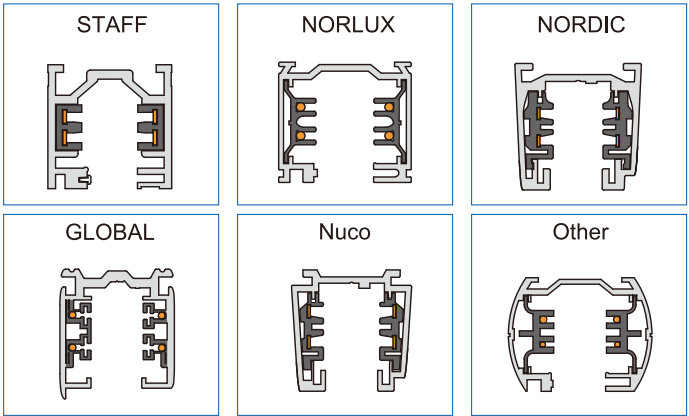
Model No.	Name	Size	Colour	Package
Pro-0440-W	3 circuits adaptor	 83.5 54.5	White	150 / 4800
Pro-0440-S			Silver	150 / 4800
Pro-0440-B			Black	150 / 4800
Pro-0440S-W	ULTRA SLIM 3 circuits adaptor	 85.5 42	White	150 / 4800
Pro-0440S-S			Silver	150 / 4800
Pro-0440S-B			Black	150 / 4800
Pro-0490-W	SMART 3 circuits adaptor	 87 52	White	150 / 4800
Pro-0490-S			Silver	150 / 4800
Pro-0490-B			Black	150 / 4800



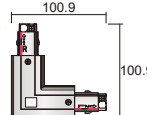
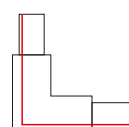
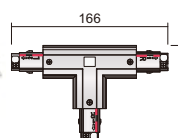
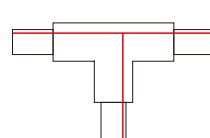
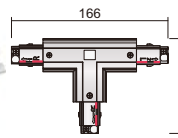
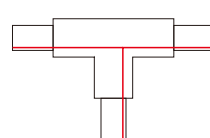
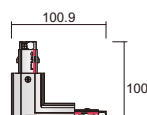
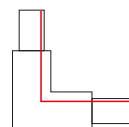
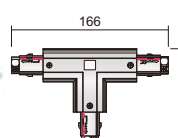
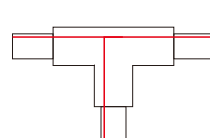
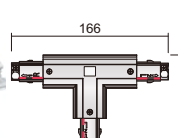
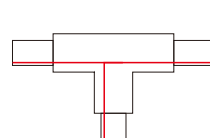
POWERGEAR 3 circuits track adaptor is universal compatible. It will work with the following brand track:
STAFF, NORLUX, GLOBAL, NUCO AND NORDIC
ONE PART ADAPT IT ALL!

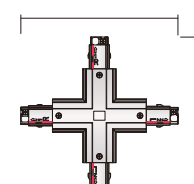
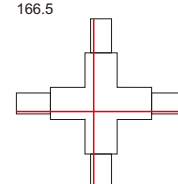
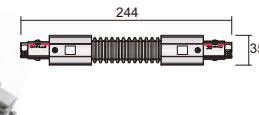
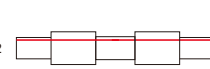
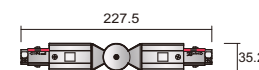
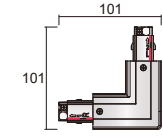
POWERGEAR

STAFF, NORLUX, GLOBAL, NUCO AND NORDIC

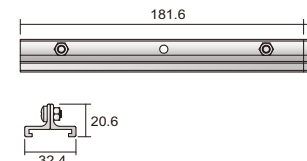
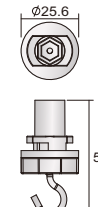


Model No.	Name	Size	Polarity groove	Colour	Package
Pro-043I L-W	Live-end connector	 98.5 35.2		White	1 / 150
Pro-043I L-S				Silver	1 / 150
Pro-043I L-B				Black	1 / 150
Pro-043I R-W	Live-end connector	 98.5 35.2		White	1 / 150
Pro-043I R-S				Silver	1 / 150
Pro-043I R-B				Black	1 / 150
Pro-0432-W	End cap To the track section end.	 31.3 35.2		White	1 / 500
Pro-0432-S				Silver	1 / 500
Pro-0432-B				Black	1 / 500
Pro-0433-W	Mini joiner A low profile connector to join two straight track sections end-to-end.	 68 20		White	1 / 400
Pro-0433-S				Silver	1 / 400
Pro-0433-B				Black	1 / 400
Pro-0433A-W	Mini joiner(insulation) A low profile connector to join two straight track sections end-to-end.	 68 20		White	1 / 400
Pro-0433A-S				Silver	1 / 400
Pro-0433A-B				Black	1 / 400
Pro-0434-W	Straight connector To connect two track sections end-to-end. It provides a center feed option.	 99.3 35.2		White	1 / 165
Pro-0434-S				Silver	1 / 165
Pro-0434-B				Black	1 / 165

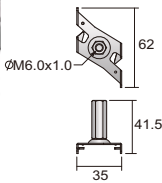
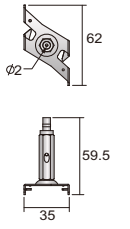
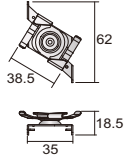
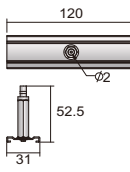
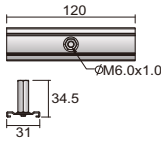
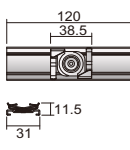
Model No.	Name	Size	Polarity groove	Colour	Package
Pro-0435 L-W	To connect two track sections at a 90° angle			White	1 / 154
Pro-0435 L-S				Silver	1 / 154
Pro-0435 L-B				Black	1 / 154
Pro-0436 LI-W	To connect three track sections into a T configuration			White	1 / 84
Pro-0436 LI-S				Silver	1 / 84
Pro-0436 LI-B				Black	1 / 84
Pro-0436 L2-W	To connect three track sections into a T configuration			White	1 / 84
Pro-0436 L2-S				Silver	1 / 84
Pro-0436 L2-B				Black	1 / 84
Pro-0435 R-W	To connect two track sections at a 90° angle			White	1 / 154
Pro-0435 R-S				Silver	1 / 154
Pro-0435 R-B				Black	1 / 154
Pro-0436 RI-W	To connect three track sections into a T configuration			White	1 / 84
Pro-0436 RI-S				Silver	1 / 84
Pro-0436 RI-B				Black	1 / 84
Pro-0436 R2-W	To connect three track sections into a T configuration			White	1 / 84
Pro-0436 R2-S				Silver	1 / 84
Pro-0436 R2-B				Black	1 / 84

Model No.	Name	Size	Polarity groove	Colour	Package
Pro-0437-W	To connect four track sections into a cross configuration			White	1 / 60
Pro-0437-S				Silver	1 / 60
Pro-0437-B				Black	1 / 60
Pro-0439-W	Flexible connector To connect two track sections at any angle up to 90° or wall to ceiling or pitched ceiling applications.			White	1 / 119
Pro-0439-S				Silver	1 / 119
Pro-0439-B				Black	1 / 119
Pro-M435-W	connector			White	1 / 119
Pro-M435-S				Silver	1 / 119
Pro-M435-B				Black	1 / 119
Pro-M438-W	connector			White	1 / 119
Pro-M438-S				Silver	1 / 119
Pro-M438-B				Black	1 / 119

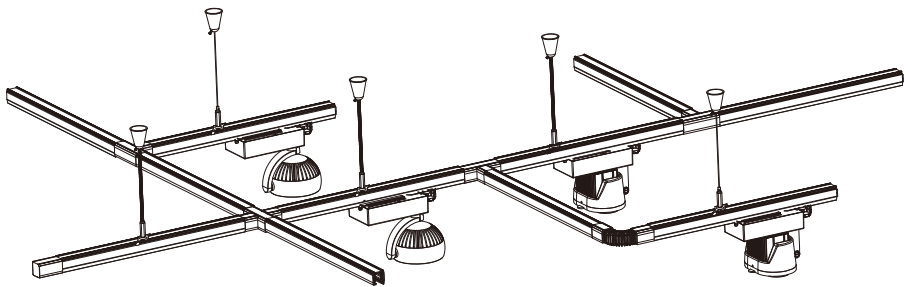
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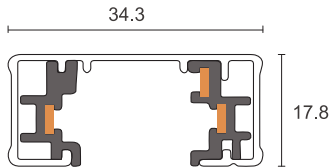
Model No.	Name	Size	Colour	Package
Pro-0418SK-W	Suspension Clamp for track connection			1 / 500
Pro-0418SK-S			Silver	1 / 500
Pro-0418SK-B			Black	1 / 500
Pro-MI42-W	Suspension Hook			White 1 / 500
Pro-MI42-S			Silver	1 / 500
Pro-MI42-B			Black	1 / 500

Suspension Kit

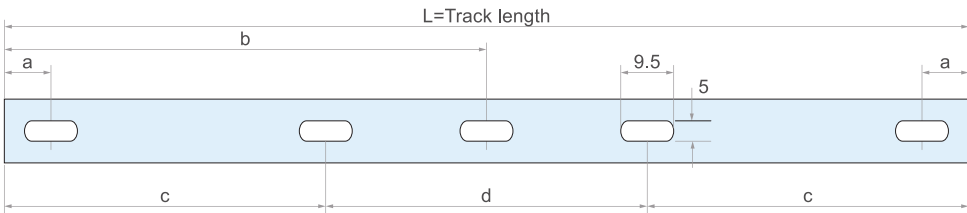
Model No.	Name	Size	Colour	Package
Pro-EZ0447-W	Ceiling mount, EZCLIK suspension kit with ROD		White	1 / 500
Pro-EZ0447-S			Silver	1 / 500
Pro-EZ0447-B			Black	1 / 500
Pro-EZ0448-W	Ceiling mount, EZCLIK suspension kit with wire		White	1 / 500
Pro-EZ0448-S			Silver	1 / 500
Pro-EZ0448-B			Black	1 / 500
Pro-MI46T-W	T-Bar, EZCLIK mounting kit		White	1 / 500
Pro-MI46T-S			Silver	1 / 500
Pro-MI46T-B			Black	1 / 500
Pro-MI47-W	Ceiling mount, Reinforcement Plate with suspension wire		White	1 / 500
Pro-MI47-S			Silver	1 / 500
Pro-MI47-B			Black	1 / 500
Pro-MI48-W	Ceiling mount, Reinforcement Plate with suspension rod		White	1 / 500
Pro-MI48-S			Silver	1 / 500
Pro-MI48-B			Black	1 / 500
Pro-MI49-W	T-Bar, EZCLIK with Reinforcement Plate		White	1 / 500
Pro-MI49-S			Silver	1 / 500
Pro-MI49-B			Black	1 / 500

Model No.	Name	Size	Colour	Package
Pro-0447-W	Suspension kit with 6mm x 1m rod		White	1 / 250
Pro-0447-S			Silver	1 / 250
Pro-0447-B			Black	1 / 250
Pro-0448-W	Suspension kit with 1.5m wire		White	1 / 200
Pro-0448-S			Silver	1 / 200
Pro-0448-B			Black	1 / 200
Pro-0449-W	Mechanical adaptor		White	1 / 100
Pro-0449-S			Silver	1 / 100
Pro-0449-B			Black	1 / 100
Pro-04SK-W	Suspension kit		White	1 / 500
Pro-04SK-S			Silver	1 / 500
Pro-04SK-B			Black	1 / 500

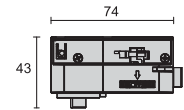




L / mm	a / mm	b / mm	c / mm	d / mm
1000	125			
2000	125	1000		
3000	125		1043	915
4000	125		1376	1249



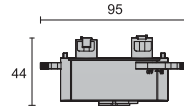
3 Wires adaptor
Halo system



Model No.	Package	Colour
Pro-0340S-W	150 / 4800	White □
Pro-0340S-S	150 / 4800	Silver ■
Pro-0340S-B	150 / 4800	Black ■



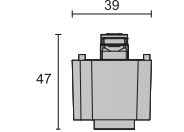
3 Wires adaptor
Halo system



Model No.	Package	Colour
Pro-0340L-W	1 / 210	White □
Pro-0340L-S	1 / 210	Silver ■
Pro-0340L-B	1 / 210	Black ■



3 Wires adaptor
Halo system



Model No.	Package	Colour
Pro-0340-W	1 / 350	White □
Pro-0340-S	1 / 350	Silver ■
Pro-0340-B	1 / 350	Black ■



M10 x 1.0
6.8



M10 x 1.0
6.8



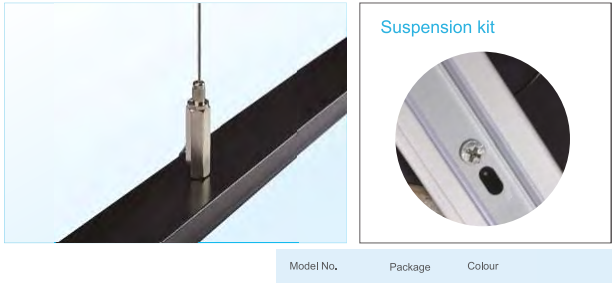
M10 x 1.0
6.8



M10 x 1.0
6.8

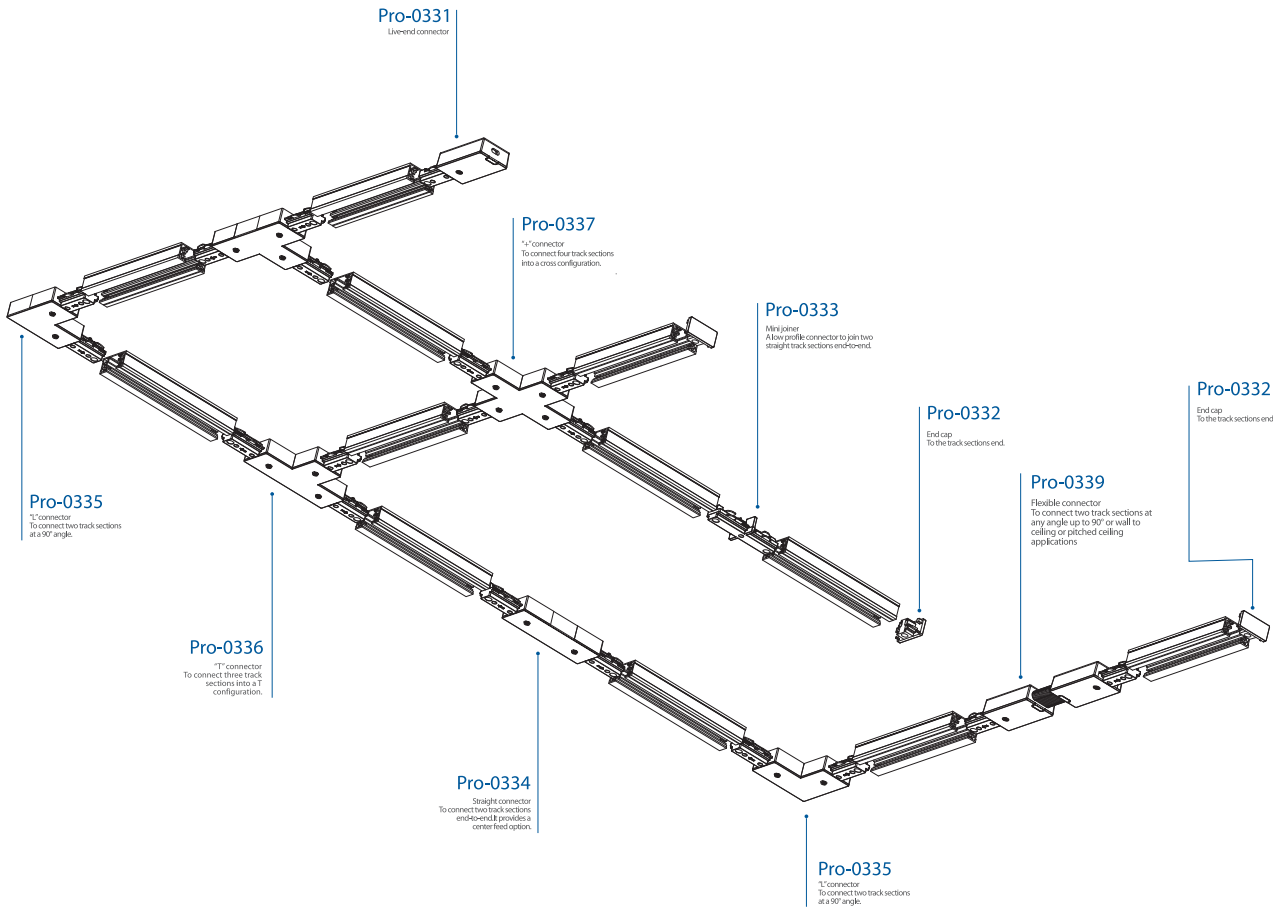


M10 x 1.0
6.8



Suspension kit

Model No.	Package	Colour
Pro-0348-W	1 / 500	White
Pro-0348-S	1 / 500	Silver
Pro-0348-B	1 / 500	Black

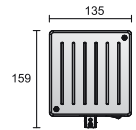


1 Circuit track system

Model No.	Track length	Shell Material	Colour	Package
Pro-0310A	1M track without double end cap.(100cm)	Aluminum Extrusion	White Silver Black	12 / 588
Pro-0320A	2M track without double end cap.(200cm)	Aluminum Extrusion	White Silver Black	12 / 588
Pro-0330A	3M track without double end cap.(300cm)	Aluminum Extrusion	White Silver Black	12 / 588
Pro-03400A	4M track without double end cap.(400cm)	Aluminum Extrusion	White Silver Black	12 / 588
Pro-0302A	2' track without double end cap actuallength24",(60cm)	Aluminum Extrusion	White Silver Black	12 / 588
Pro-0304A	4' track without double end cap actuallength48",(120cm)	Aluminum Extrusion	White Silver Black	12 / 588
Pro-0306A	6' track without double end cap actuallength72",(180cm)	Aluminum Extrusion	White Silver Black	12 / 588
Pro-0308A	8' track with double end cap actuallength96",(240cm)	Aluminum Extrusion	White Silver Black	12 / 588
Pro-0310B	1M track without live end & end cap.(100cm)	Aluminum Extrusion	White Silver Black	12 / 588
Pro-0320B	2M track without live end & end cap.(200cm)	Aluminum Extrusion	White Silver Black	12 / 588
Pro-0330B	3M track without live end & end cap.(300cm)	Aluminum Extrusion	White Silver Black	12 / 588
Pro-03400B	4M track without live end & end cap.(400cm)	Aluminum Extrusion	White Silver Black	12 / 588
Pro-0302B	2' track without live end and end cap actuallength24",(60cm)	Aluminum Extrusion	White Silver Black	12 / 588
Pro-0304B	4' track without live end and end cap actuallength48",(120cm)	Aluminum Extrusion	White Silver Black	12 / 588
Pro-0306B	6' track without live end and end cap actuallength72",(180cm)	Aluminum Extrusion	White Silver Black	12 / 588
Pro-03408B	8' track without live end and end cap actuallength96",(240cm)	Aluminum Extrusion	White Silver Black	12 / 588
Pro-0310C	1M track without live end and end cap.(100cm)	Aluminum Extrusion	White Silver Black	12 / 588
Pro-0320C	2M track without live end and end cap.(200cm)	Aluminum Extrusion	White Silver Black	12 / 588
Pro-0330C	3M track without live end and end cap.(300cm)	Aluminum Extrusion	White Silver Black	12 / 588
Pro-03400C	4M track without live end and end cap.(400cm)	Aluminum Extrusion	White Silver Black	12 / 588
Pro-0302C	2' track without live end and end cap actuallength24",(60cm)	Aluminum Extrusion	White Silver Black	12 / 588
Pro-0304C	4' track without live end and end cap actuallength48",(120cm)	Aluminum Extrusion	White Silver Black	12 / 588
Pro-0306C	6' track without live end and end cap actuallength72",(180cm)	Aluminum Extrusion	White Silver Black	12 / 588
Pro-0308C	8' track without live end and end cap actuallength96",(240cm)	Aluminum Extrusion	White Silver Black	12 / 588



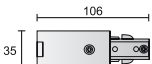
Current limiter



Model No.	Package	Colour
Pro-3001-W	1 / 60	White □
Pro-3001-S	1 / 60	Silver ■
Pro-3001-B	1 / 60	Black ■



Live-end connector

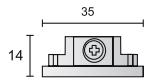


Model No.	Package	Colour
Pro-0331-W	1 / 150	White □
Pro-0331-S	1 / 150	Silver ■
Pro-0331-B	1 / 150	Black ■



End cap

To the track sections end.

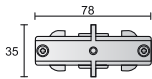


Model No.	Package	Colour
Pro-0332-W	1 / 500	White □
Pro-0332-S	1 / 500	Silver ■
Pro-0332-B	1 / 500	Black ■



Mini joiner

A low profile connector to join two straight track sections end-to-end.

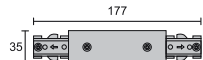


Model No.	Package	Colour
Pro-0333-W	1 / 400	White □
Pro-0333-S	1 / 400	Silver ■
Pro-0333-B	1 / 400	Black ■



Straight connector

To connect two track sections end-to-end.It provides a center feed option.

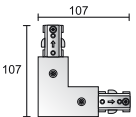


Model No.	Package	Colour
Pro-0334-W	1 / 234	White □
Pro-0334-S	1 / 234	Silver ■
Pro-0334-B	1 / 234	Black ■



"L" connector

To connect two track sections at a 90° angle.

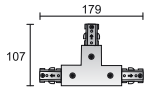


Model No.	Package	Colour
Pro-0335-W	1 / 160	White □
Pro-0335-S	1 / 160	Silver ■
Pro-0335-B	1 / 160	Black ■



"T" connector

To connect three track sections into a T configuration.

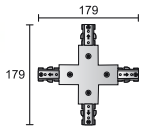


Model No.	Package	Colour
Pro-0336-W	1 / 108	White □
Pro-0336-S	1 / 108	Silver ■
Pro-0336-B	1 / 108	Black ■



"+" connector

To connect four track sections into a cross configuration.

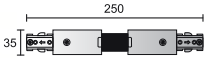


Model No.	Package	Colour
Pro-0337-W	1 / 60	White □
Pro-0337-S	1 / 60	Silver ■
Pro-0337-B	1 / 60	Black ■



Flexible connector

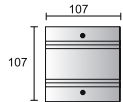
To connect two track sections at any angle up to 90° or wall to ceiling or pitched ceiling applications



Model No.	Package	Colour
Pro-0339-W	1 / 120	White □
Pro-0339-S	1 / 120	Silver ■
Pro-0339-B	1 / 120	Black ■



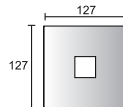
Floating canopy.



Model No.	Package	Colour
Pro-0341-W	1 / 60	White □
Pro-0341-S	1 / 60	Silver ■
Pro-0341-B	1 / 60	Black ■



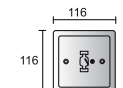
Outlet box cover.



Model No.	Package	Colour
Pro-0342-W	1 / 200	White □
Pro-0342-S	1 / 200	Silver ■
Pro-0342-B	1 / 200	Black ■



Monopoint.



Model No.	Package	Colour
Pro-0343-W	1 / 200	White □
Pro-0343-S	1 / 200	Silver ■
Pro-0343-B	1 / 200	Black ■



LINK 50
Linear Lighting System

LINK 50

Linear Lighting System



GL MODULE
▶ page 340



AL MODULE
▶ page 341



UL MODULE
▶ page 342



SL MODULE
▶ page 343



CL MODULE
▶ page 344



AL Fixture
▶ page 346



GL Fixture
▶ page 348



WW Fixture
▶ page 350



SL Fixture
▶ page 352



Combination
▶ page 354

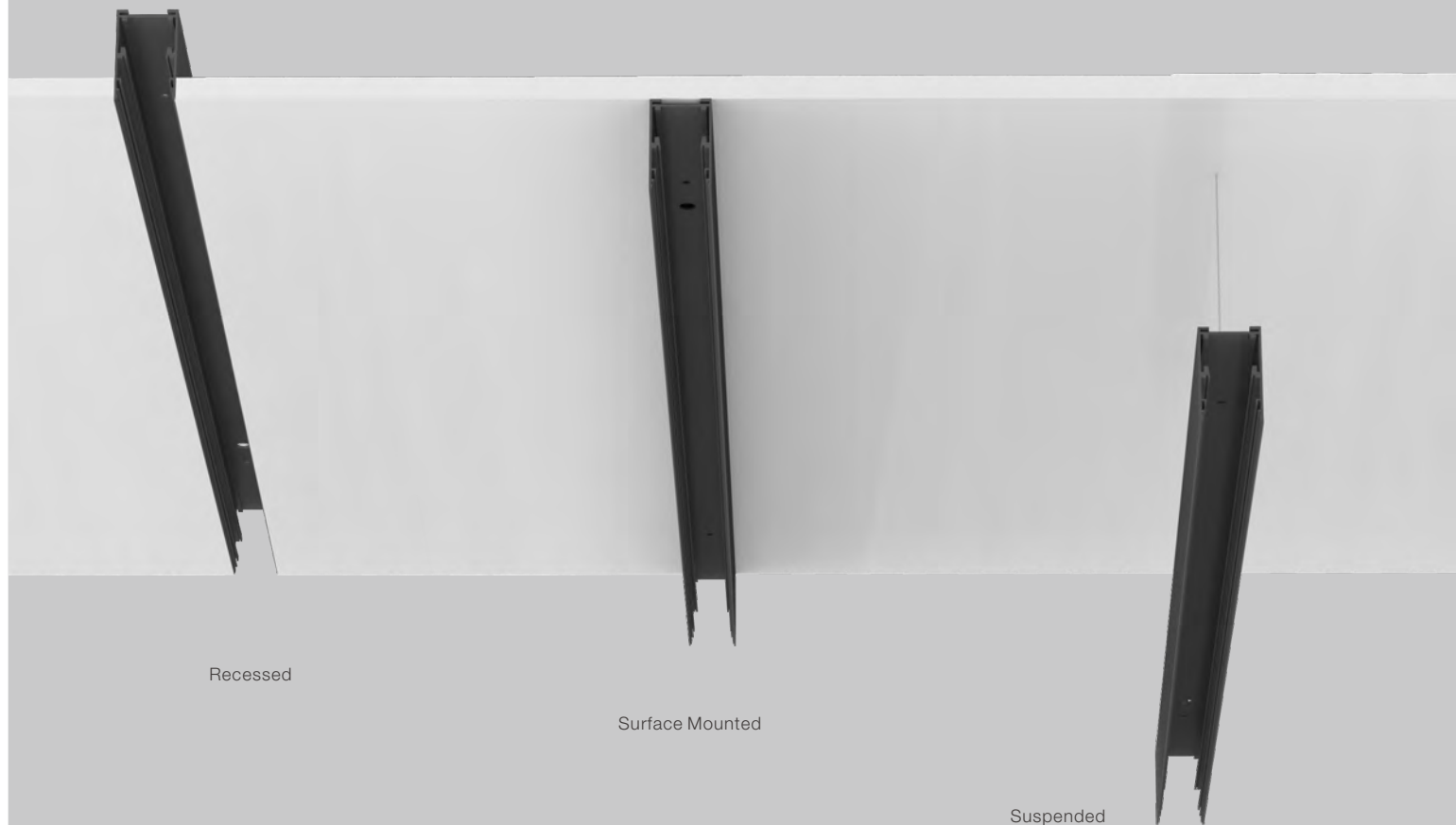


Combination
▶ page 356



Combination
▶ page 358

Channels



Recessed

Surface Mounted

Suspended

Inserts



Accent Light Module



Wall Washer Module



General Light Module



Spot Light Module

Covers



Opal Cover



Blind Cover



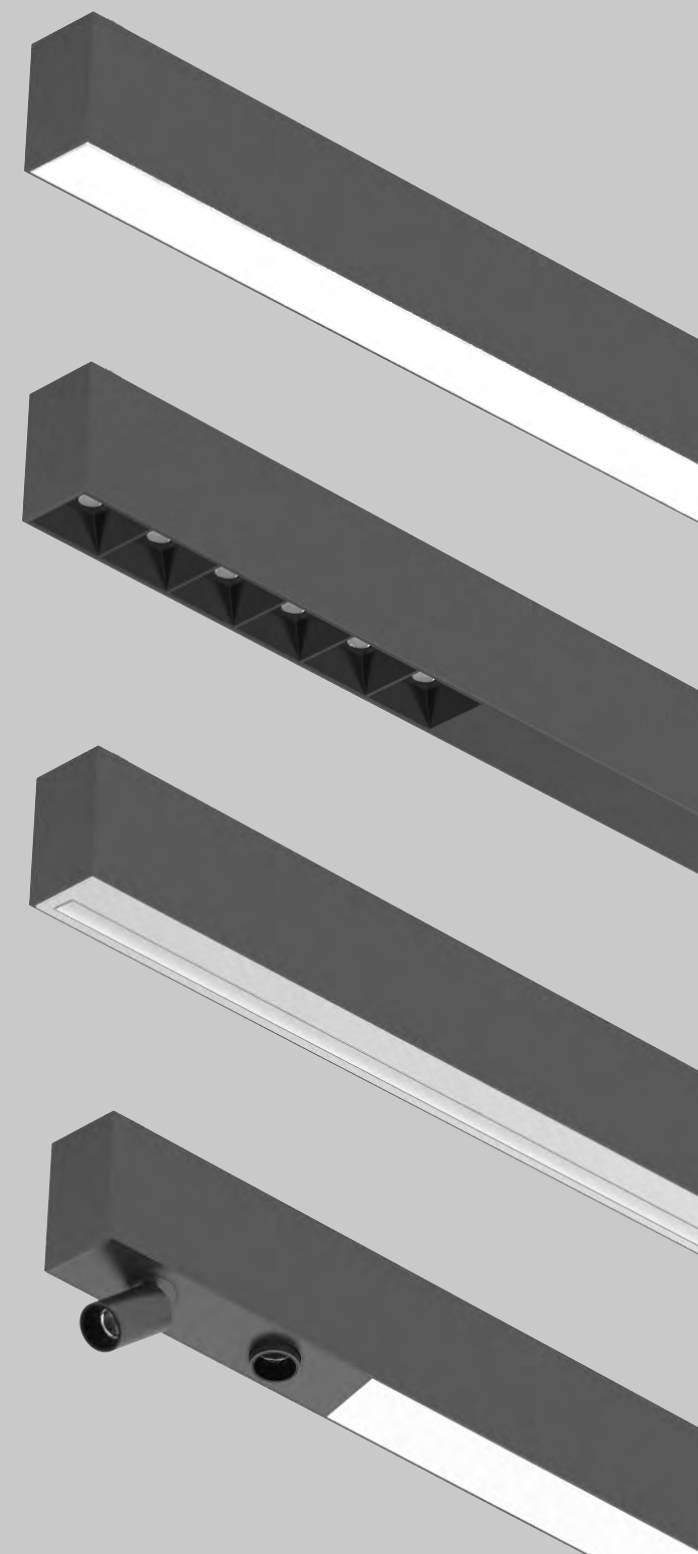
Flexible Opal Cover

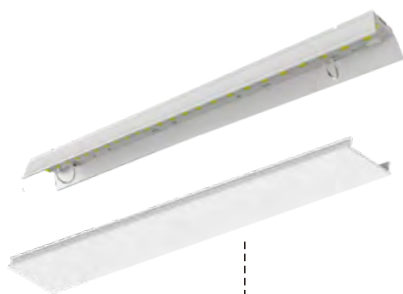
General Light

Accent Light

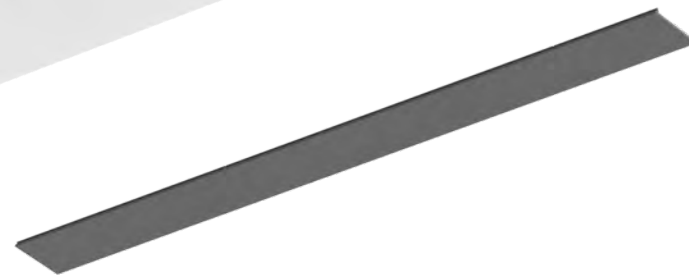
Wall Washer

Spot Light





General Light Module
600mm



Blind Cover Module



Wall Washer Module
600mm



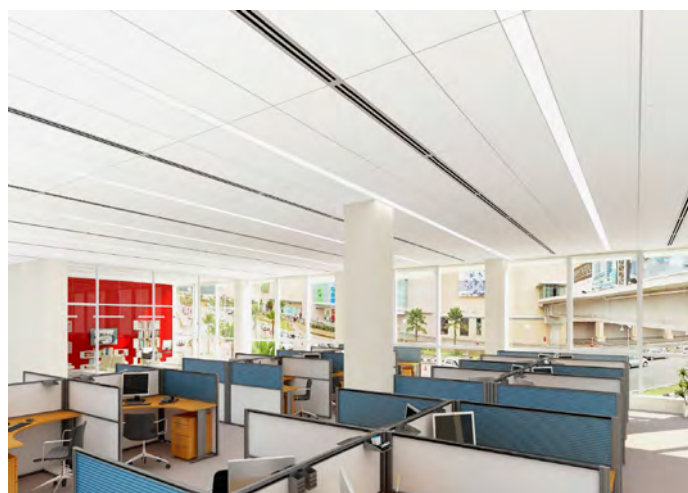
Accent Light Module
300mm



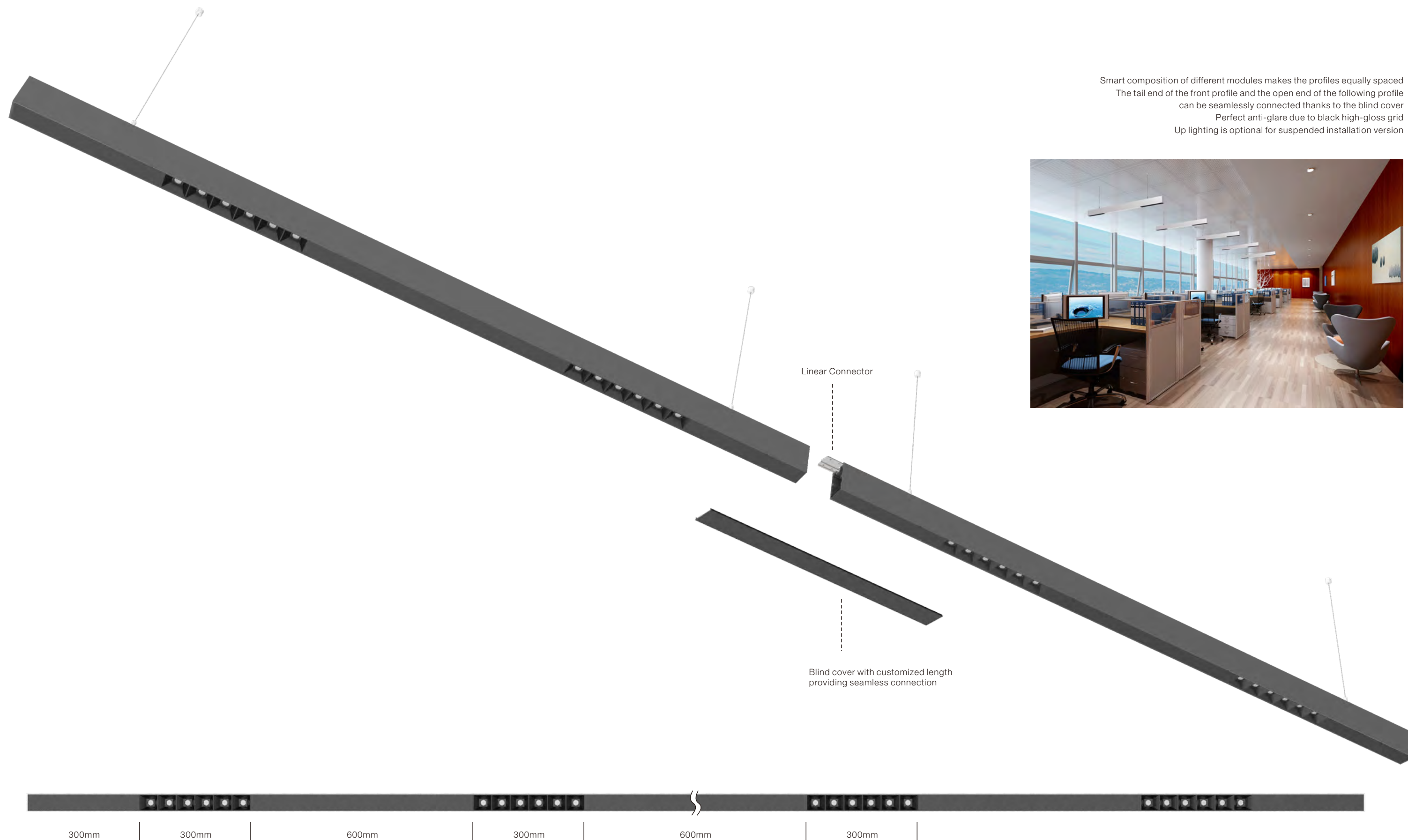
Magnetic End Cap



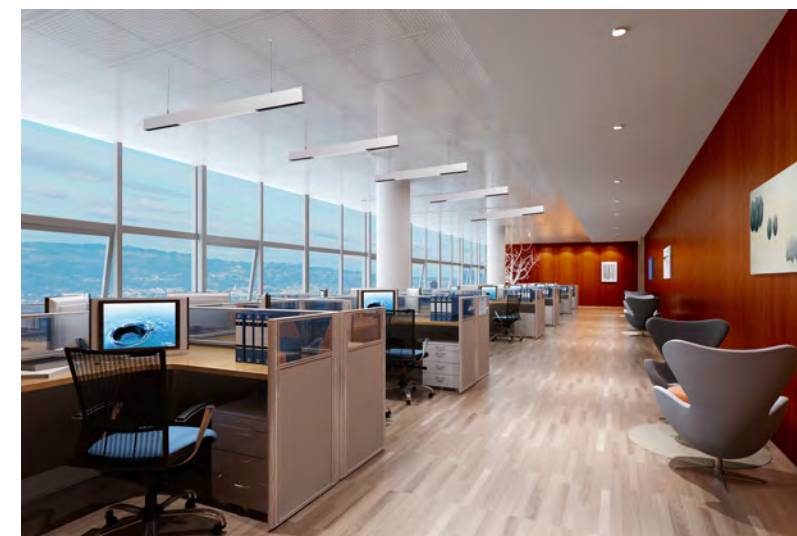
Profile system made of extruded aluminium with 50mm width
 Various lighting modules with multiple lighting applications
 General light, accent light, and wall washer module for choice
 Tool-free inserts mounting by clip-in mechanism
 Standard and customized length of module and cover for high precise system
 Magnetic end cap without fixing screws



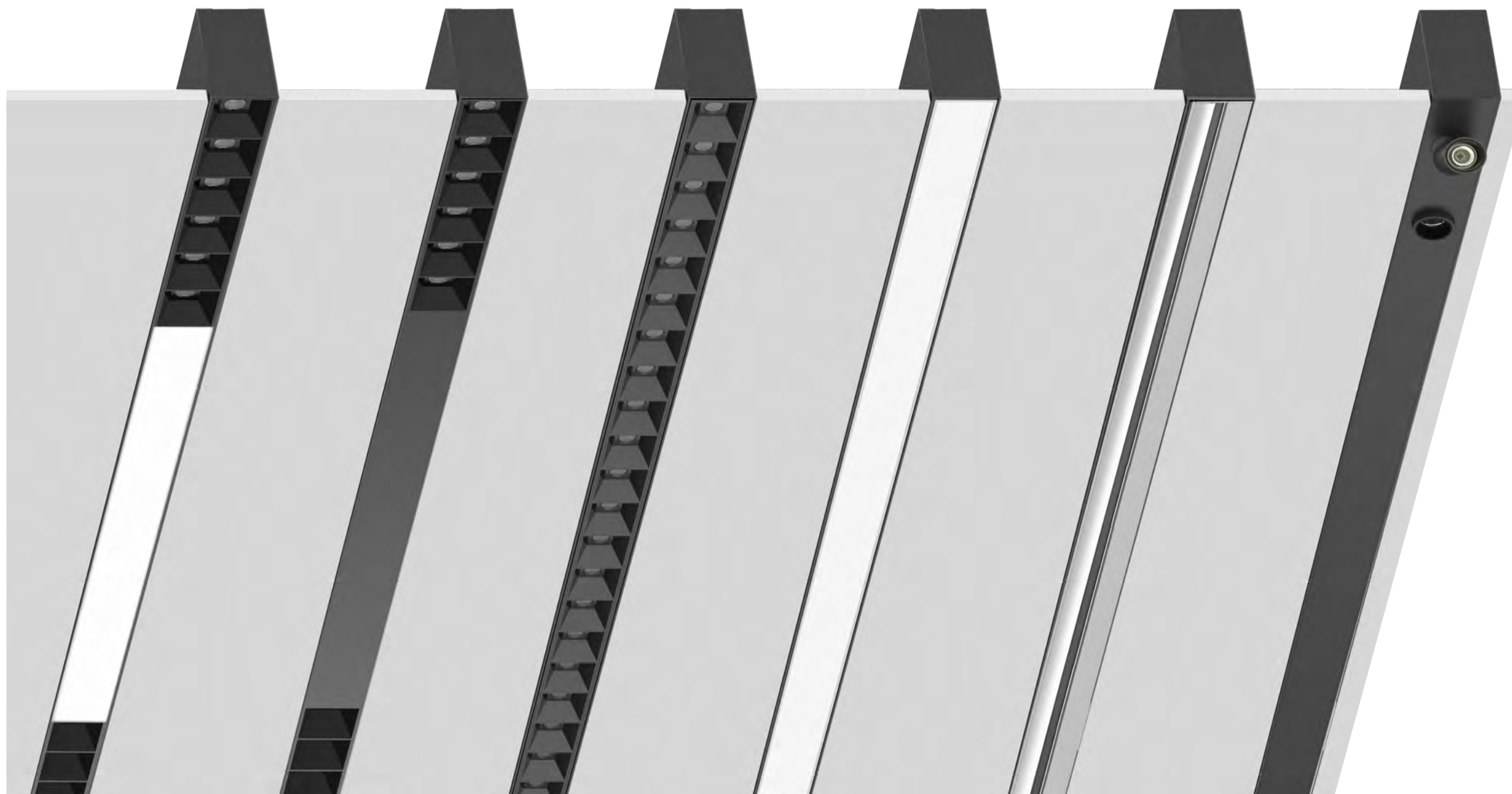
Corner module is designed to take light around the corner
 Its illuminated L-connectors opens up new scope for creative design
 The 90° angle module is not only connector
 It blends in as an integral part of the linear lighting system
 Continuous light line linked by linear connector
 The linear connector can be moved out from the end of the profile
 It can't be seen from the outside



Smart composition of different modules makes the profiles equally spaced
 The tail end of the front profile and the open end of the following profile
 can be seamlessly connected thanks to the blind cover
 Perfect anti-glare due to black high-gloss grid
 Up lighting is optional for suspended installation version



Continuous light lines composed of different module inserts,
meeting the highest requirements in terms of
architecture and lighting technology

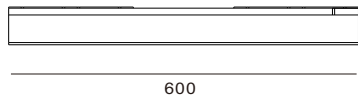
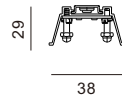
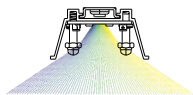


General Light Module

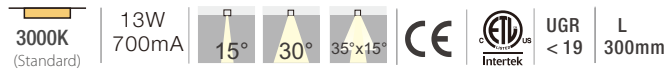


GL600

Linkable extruded aluminium
for continuous linear light
600mm for different system
Opal cover can be customized length

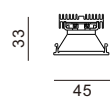


Accent Light Module



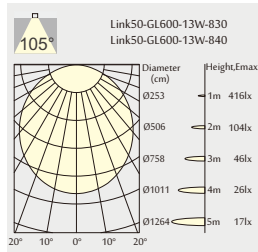
AL300

Different lens for beam control
Low glare contributed by black baffle



Module distribution for 3000K

13W 1300 lm-1400 lm

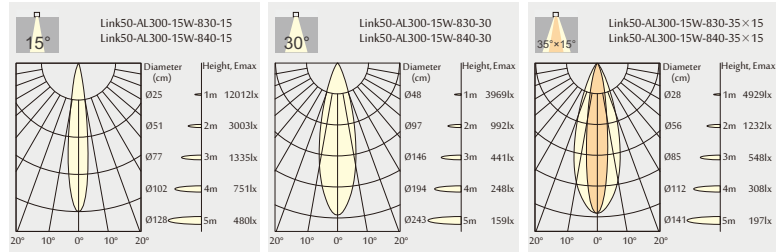


Order Information

Link50-GL600-13W 1100 Lm MODELS							
SAMSUNG							
Code	LED output	Module output	LED Power	System Power	CRI	CCT	BEAM
Link50-GL600-13W-830	1700 lm	1300 lm	11 W	13 W	83	3000K	105°
Link50-GL600-13W-840	1800 lm	1400 lm	11 W	13 W	83	4000K	105°

Module distribution for 3000K

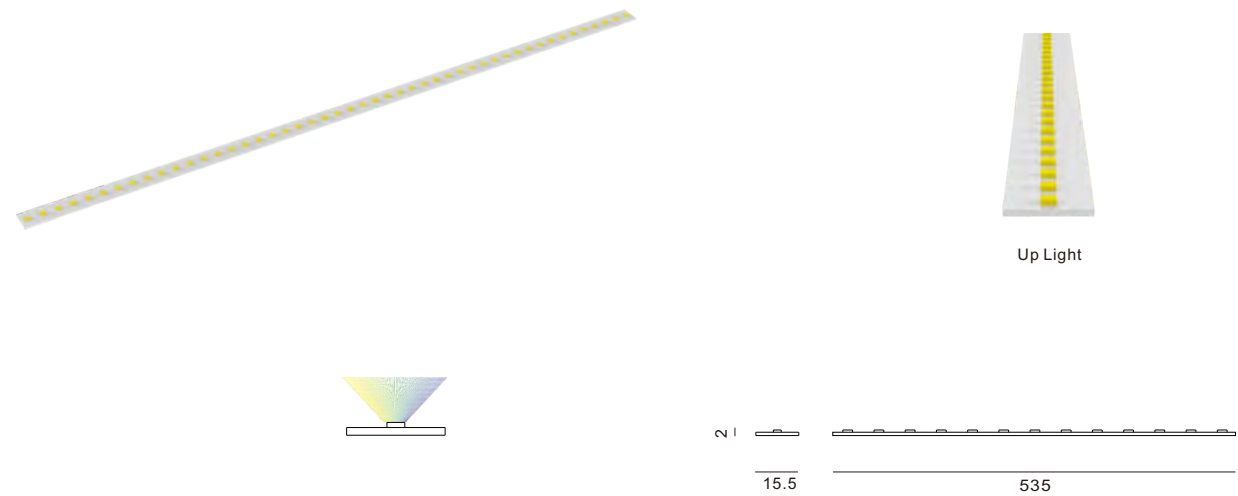
15W 1100lm-1200lm



Order Information

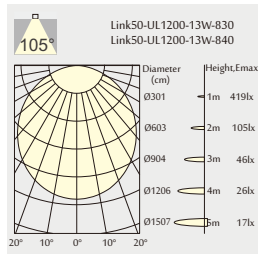
Link50-AL300-15W 1100 Lm MODELS							
CREE							
Code	LED output	Module output	CD	LED Power	System Power	CRI	CCT
Link50-AL300-15W-830-15	1500 lm	1100 lm	12012 cd	13 W	15 W	83	3000K
Link50-AL300-15W-840-15	1600 lm	1200 lm	13149 cd	13 W	15 W	83	4000K
Link50-AL300-15W-830-30	1500 lm	1100 lm	3970 cd	13 W	15 W	83	3000K
Link50-AL300-15W-840-30	1600 lm	1200 lm	4307 cd	13 W	15 W	83	4000K
Link50-AL300-15W-830-35×15	1500 lm	1100 lm	4938 cd	13 W	15 W	83	3000K
Link50-AL300-15W-840-35×15	1600 lm	1200 lm	5352 cd	13 W	15 W	83	4000K

Up Light Module



Light distribution for 3000K

13W 1600lm-1700lm



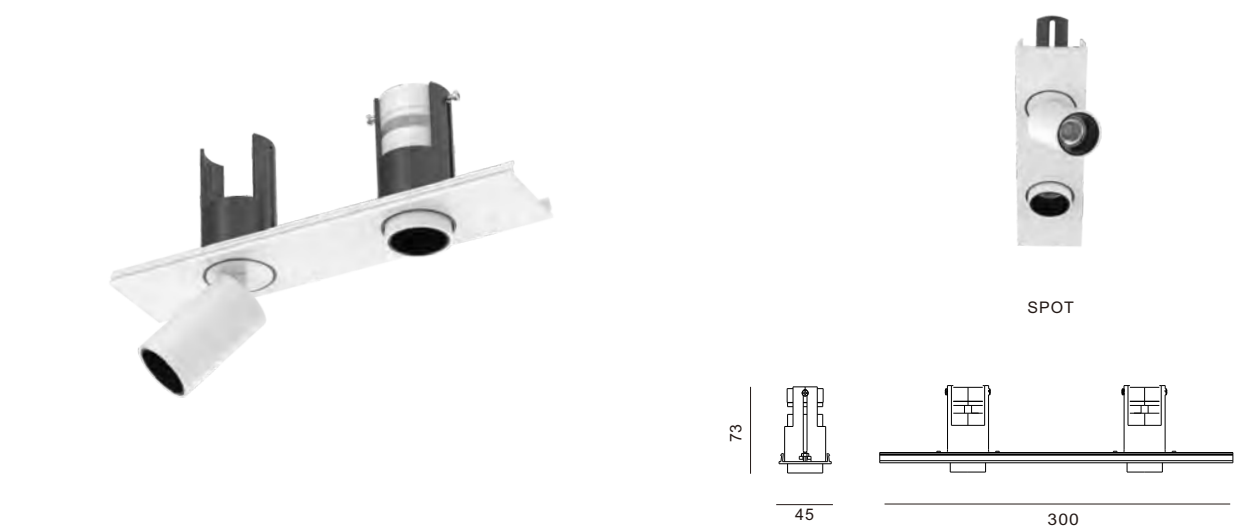
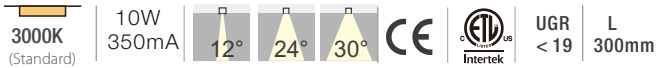
Order Information

Link50-UL1200-13W 1100 Lm MODELS							
SAMSUNG							
Code	LED output	Module output	LED Power	System Power	CRI	CCT	BEAM
Link50-UL1200-13W-830	1800 lm	1600 lm	11 W	13 W	83	3000K	110°
Link50-UL1200-13W-840	1900 lm	1700 lm	11 W	13 W	83	4000K	110°

Order Information

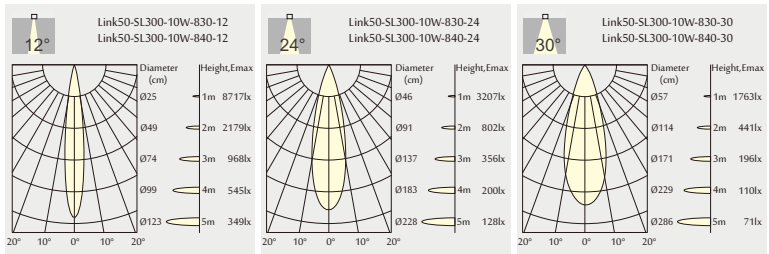
Link50-UL1800-18W 1700 Lm MODELS							
Code	LED output	Module output	LED Power	System Power	CRI	CCT	BEAM
Link50-UL1800-18W-830	2500 lm	2200 lm	16 W	18 W	83	3000K	110°
Link50-UL1800-18W-840	2700 lm	2400 lm	16 W	18 W	83	4000K	110°

Spot Light Module



Module distribution for 3000K

10W 700lm-750lm



Order Information

Link50-SL300-10W 700 Lm MODELS							
CREE							
Code	LED output	Module output	CD	LED Power	System Power	CRI	CCT
Link50-SL300-10W-830-12	950 lm	700 lm	8721 cd	8 W	10 W	83	3000K
Link50-SL300-10W-840-12	1000 lm	750 lm	8894 cd	8 W	10 W	83	4000K
Link50-SL300-10W-830-24	950 lm	700 lm	3207 cd	8 W	10 W	83	3000K
Link50-SL300-10W-840-24	1000 lm	750 lm	3312 cd	8 W	10 W	83	4000K
Link50-SL300-10W-830-30	950 lm	700 lm	1764 cd	8 W	10 W	83	3000K
Link50-SL300-10W-840-30	1000 lm	750 lm	1859 cd	8 W	10 W	83	4000K

Corner Light Module

3000K
(Standard)

8W
500mA

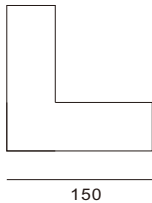
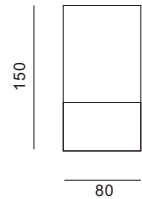
CE

ETL
Intertek

L
150mm

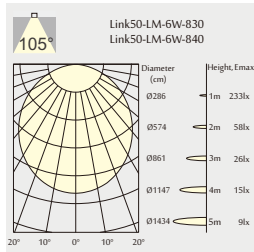


Corner Light Module



Module distribution for 3000K

6W 750 lm-800 lm



Order Information

Link50-LM-6W 650 Lm MODELS

Code	LED output	Module output	LED Power	System Power	CRI	CCT	BEAM	LED BRAND
Link50-CL-6W-830	1000 lm	750 lm	6 W	8 W	83	3000K	105°	SAMSUNG
Link50-CL-6W-840	1050 lm	800 lm	6 W	8 W	83	4000K	105°	SAMSUNG

Accessory for Linear System

Opal Cover
PMMA
300mm/600mm/customized length



Flexible Opal Cover
PC material
10M or 20M per roll



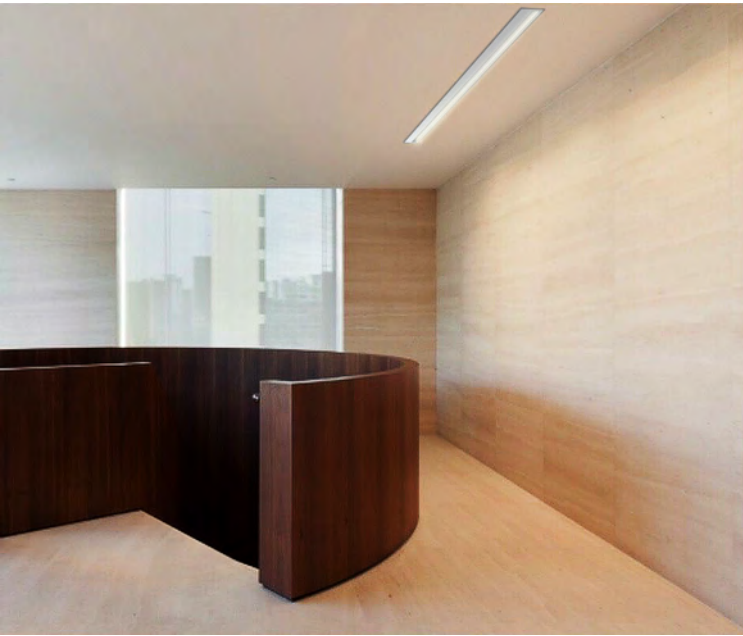
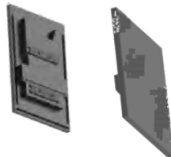
Blind Cover
Aluminium
Black/ White/ Silver
300mm/600mm/customized length

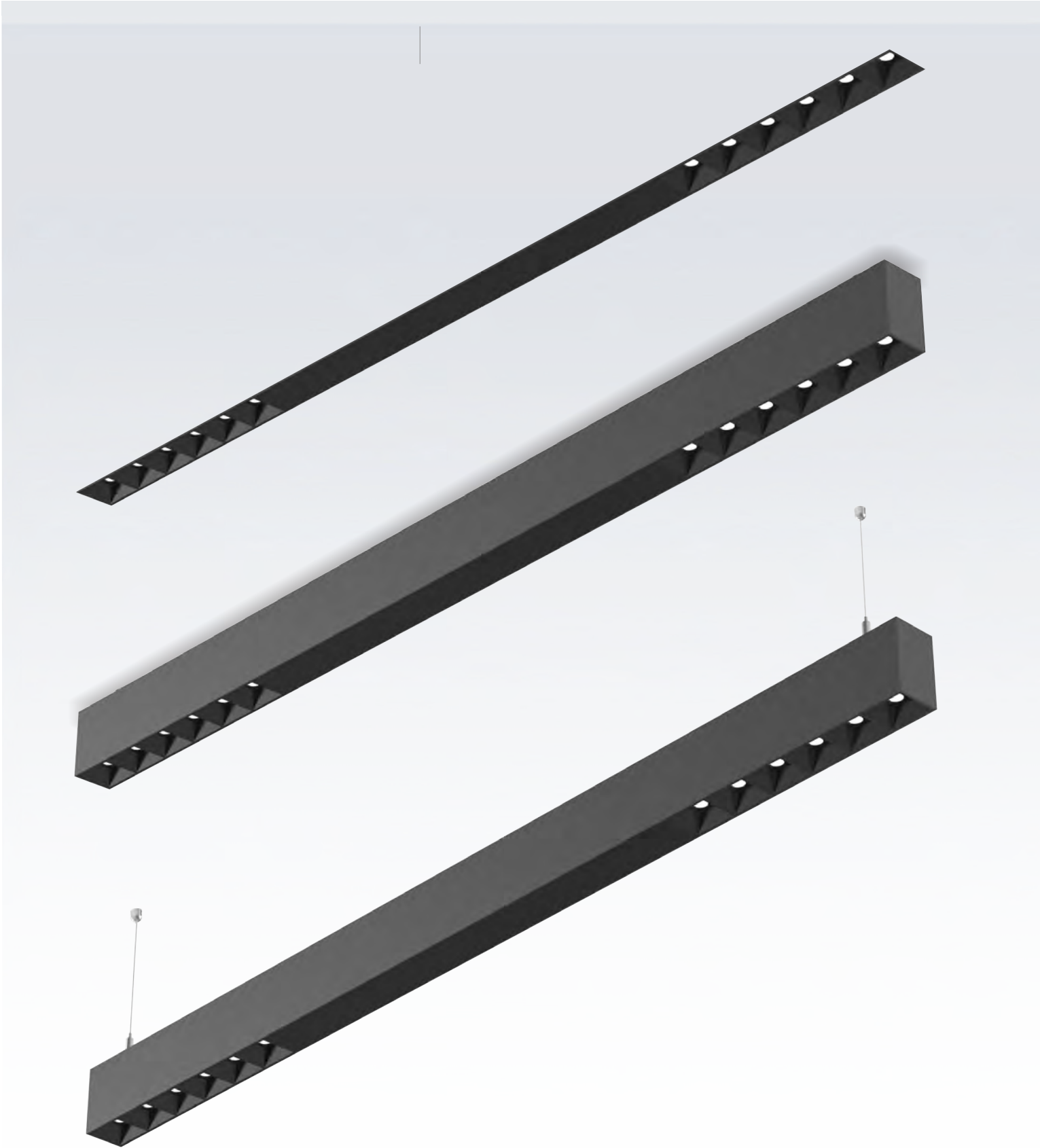


Profile Channel 5080



Magnetic End Cap





Order options

COLOUR TEMPERATURE

2700K
3000K
4000K

COLOR RENDERING INDEX

CRI 80
CRI 90

ILLUMINATION TYPE



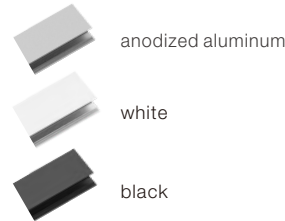
LENS



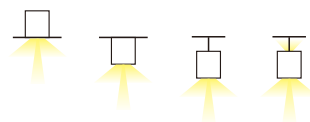
PROFILE LENGTH

1200MM
1800MM

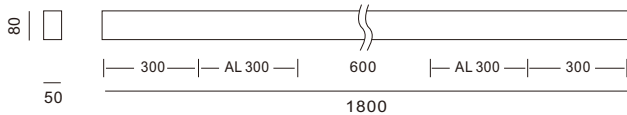
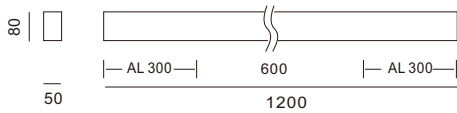
PROFILE COLOUR



INSTALLATION TYPE



Accent Light Fixture

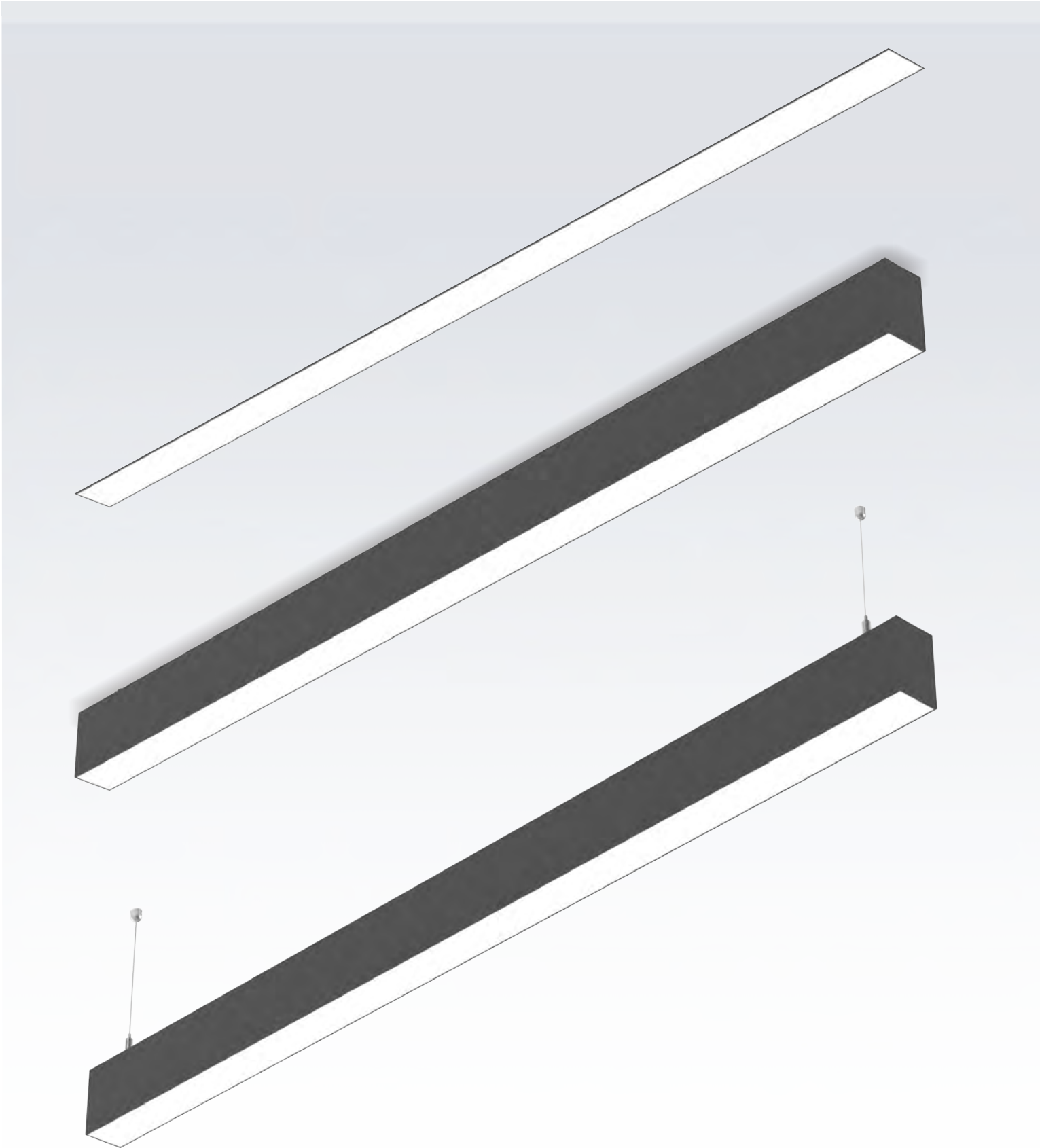


Light distribution

1200MM / 1800MM

Order Information

Link50-AL600-30W 2200 Lm MODELS (CREE LED)									
Code	LED output	Module output	CD	LED Power	System Power	CRI	CCT	BEAM	
Link50-2*AL300-30W-830-15	3000 lm	2200 lm	24024 cd	26 W	30 W	83	3000K	15°	
Link50-2*AL300-30W-840-15	3200 lm	2400 lm	26298 cd	26 W	30 W	83	4000K	15°	
Link50-2*AL300-30W-830-30	3000 lm	2200 lm	7940 cd	26 W	30 W	83	3000K	30°	
Link50-2*AL300-30W-840-30	3200 lm	2400 lm	8614 cd	26 W	30 W	83	4000K	30°	
Link50-2*AL300-30W-830-35x15	3000 lm	2200 lm	9876 cd	26 W	30 W	83	3000K	35°x15°	
Link50-2*AL300-30W-840-35x15	3200 lm	2400 lm	10704 cd	26 W	30 W	83	4000K	35°x15°	



Order options

SYSYTEM POWER

26W
36W

COLOUR TEMPERATURE

2700K
3000K
4000K

COLOR RENDERING INDEX

CRI 80
CRI 90

ILLUMINATION TYPE



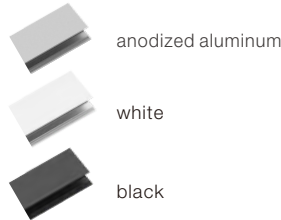
DIFFUSER



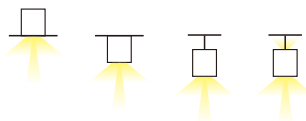
PROFILE LENGTH

1200MM
1800MM

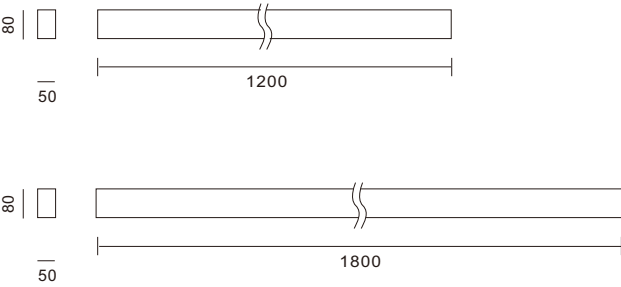
PROFILE COLOUR



INSTALLATION TYPE



General Light Fixture



Light distribution

1200MM

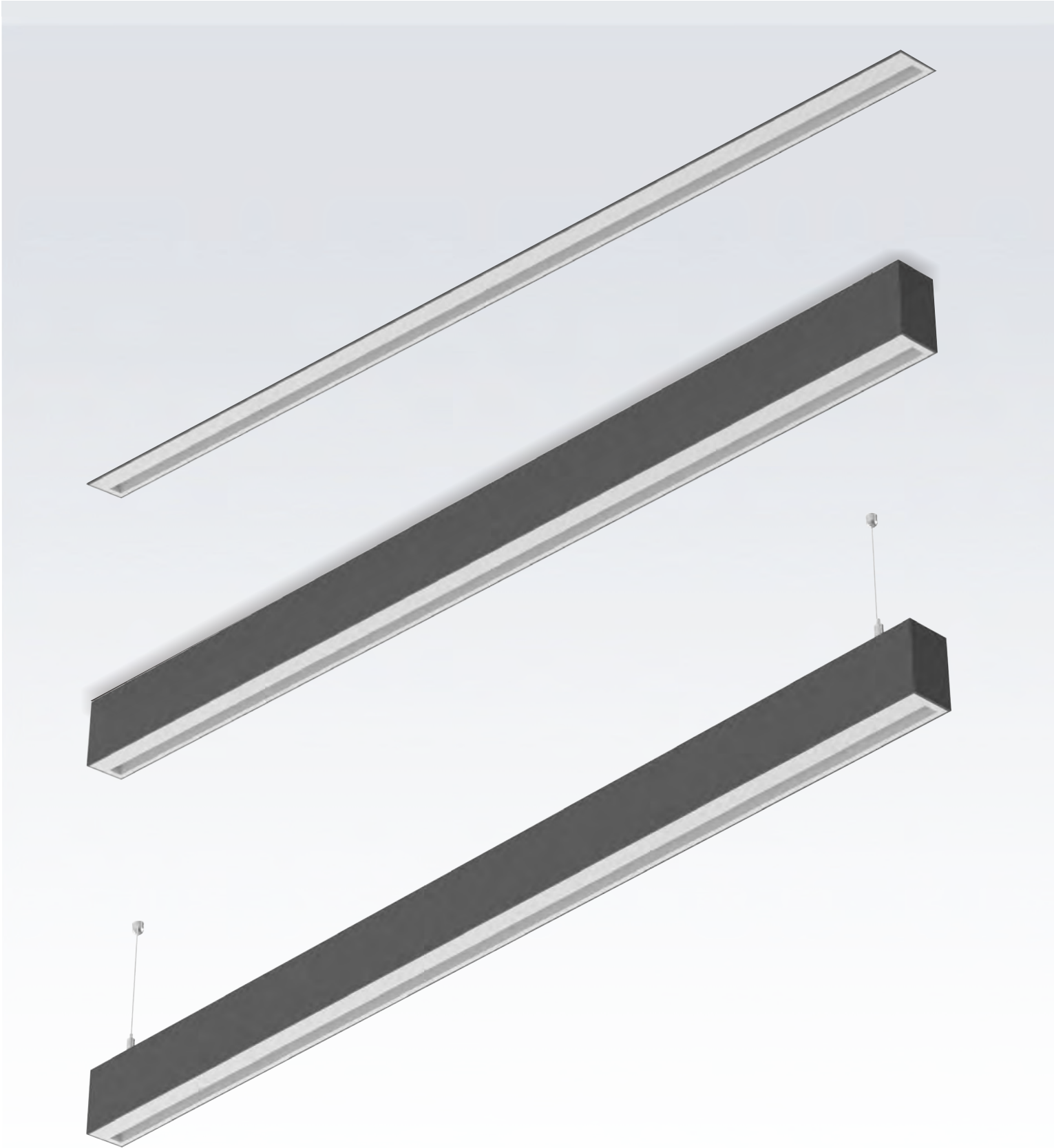
Order Information

Link50-GL1200-26W 2400 Lm MODELS (SAMSUNG LED)							
Code	LED output	Module output	LED Power	System Power	CRI	CCT	BEAM
Link50-GL1200-26W-830	3600 lm	2700 lm	22 W	26 W	83	3000K	105°
Link50-GL1200-26W-840	3800 lm	2900 lm	22 W	26 W	83	4000K	105°

1800MM

Order Information

Link50-GL1800-36W 3300 Lm MODELS (SAMSUNG LED)							
Code	LED output	Module output	LED Power	System Power	CRI	CCT	BEAM
Link50-GL1800-36W-830	4900 lm	3700 lm	32 W	36 W	83	3000K	105°
Link50-GL1800-36W-840	5100 lm	3900 lm	32 W	36 W	83	4000K	105°



Order options

SYSYTEM POWER

26W
36W

COLOUR TEMPERATURE

2700K
3000K
4000K

COLOR RENDERING INDEX

CRI 80
CRI 90

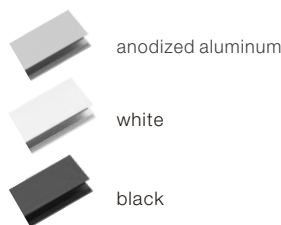
ILLUMINATION TYPE



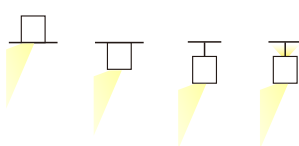
PROFILE LENGTH

1200MM
1800MM

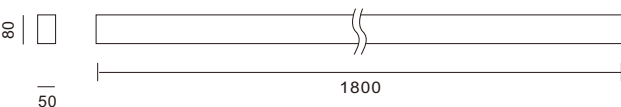
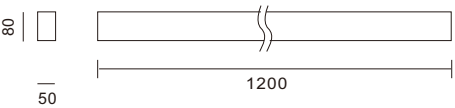
PROFILE COLOUR



INSTALLATION TYPE



Wall Washer Fixture



Light distribution

1200MM

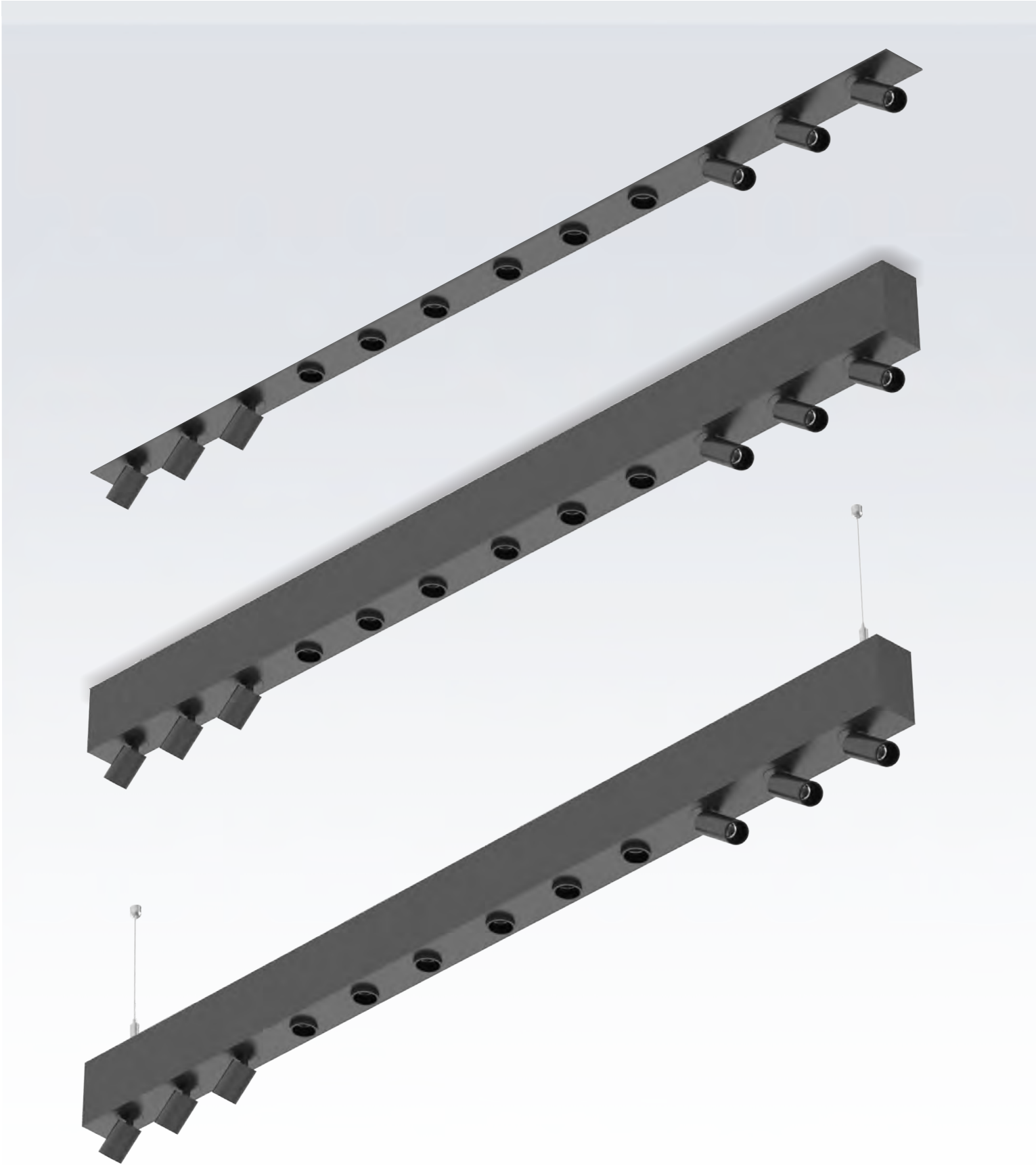
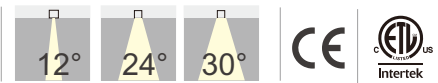
Order Information

Link50-WW1200-26W 1800 Lm MODELS (SAMSUNG LED)						
Code	LED output	Module output	LED Power	System Power	CRI	CCT
Link50-WW1200-26W-830	3600 lm	2000 lm	22 W	26 W	83	3000K
Link50-WW1200-26W-840	3800 lm	2200 lm	22 W	26 W	83	4000K

1800MM

Order Information

Link50-WW1800-36W 2500 Lm MODELS (SAMSUNG LED)						
Code	LED output	Module output	LED Power	System Power	CRI	CCT
Link50-WW1800-36W-830	4900 lm	2700 lm	32 W	36 W	83	3000K
Link50-WW1800-36W-840	5100 lm	2900 lm	32 W	36 W	83	4000K



Order options

COLOUR TEMPERATURE

2700K
3000K
4000K

COLOR RENDERING INDEX

CRI 80
CRI 90

ILLUMINATION TYPE



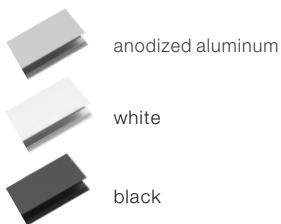
LENS



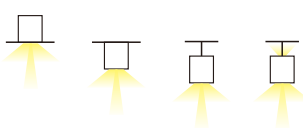
PROFILE LENGTH

1200MM
1800MM

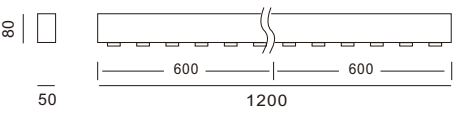
PROFILE COLOUR



INSTALLATION TYPE



Spot Light



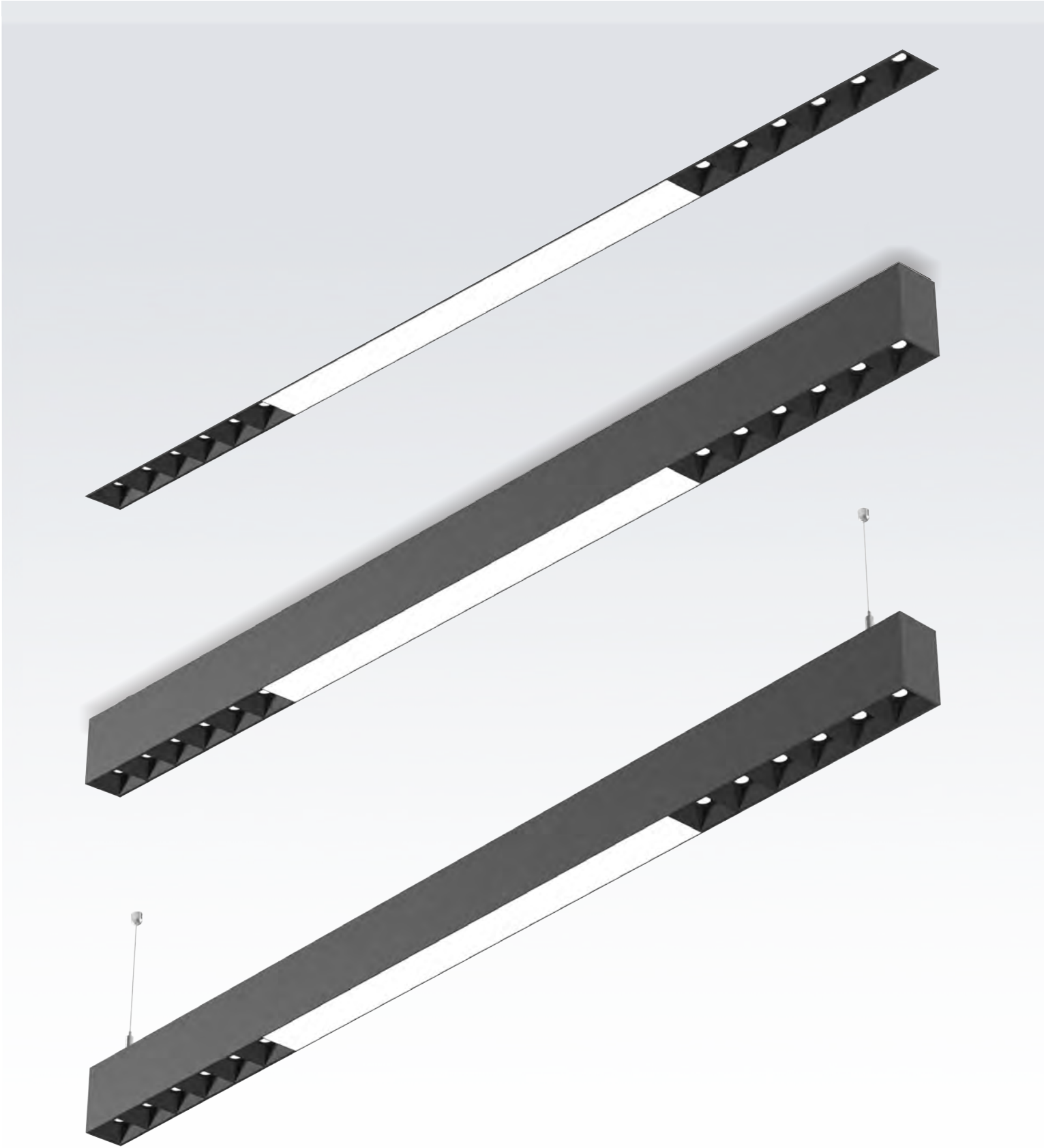
Code

Light distribution

1200MM

Order Information

Link50-SL1200-60W 4200 Lm MODELS	(CREE LED)						
	LED output	Module output	LED Power	System Power	CRI	CCT	BEAM
Link50-SL1200-60W-830-12	5700 lm	4200 lm	48 W	54 W	83	3000K	12°
Link50-SL1200-60W-840-12	5900 lm	4400 lm	48 W	54 W	83	4000K	12°
Link50-SL1200-60W-830-24	5700 lm	4200 lm	48 W	54 W	83	3000K	24°
Link50-SL1200-60W-840-24	5900 lm	4400 lm	48 W	54 W	83	4000K	24°
Link50-SL1200-60W-830-30	5700 lm	4200 lm	48 W	54 W	83	3000K	30°
Link50-SL1200-60W-840-30	5900 lm	4400 lm	48 W	54 W	83	4000K	30°



Order options

COLOUR TEMPERATURE

2700K
3000K
4000K

COLOR RENDERING INDEX

CRI 80
CRI 90

ILLUMINATION TYPE



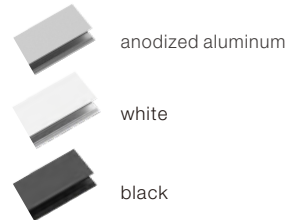
LENS



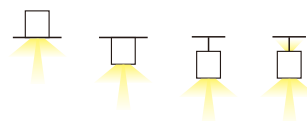
PROFILE LENGTH

1200MM
1800MM

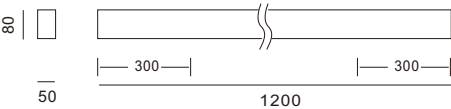
PROFILE COLOUR



INSTALLATION TYPE



Combination of Accent Light and General Light

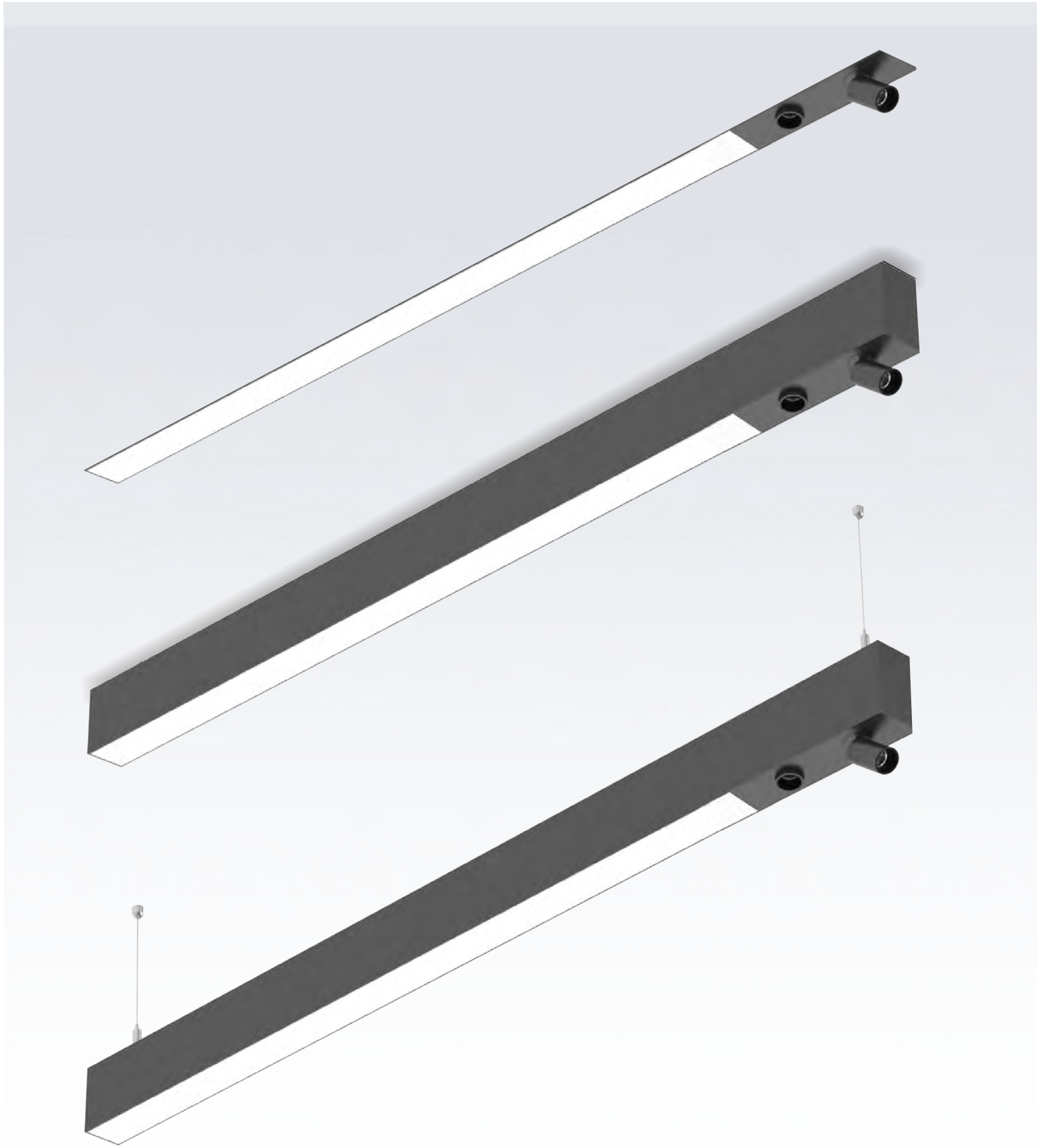
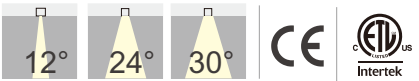


Light distribution

1200MM

Order Information

Link50-AL300x2+GL600-38W 3000 Lm MODELS (CREE+SAMSUNG LED)								
Code	LED output	Module output	LED Power	System Power	CRI	CCT	BEAM	
Link50-2*AL300+GL600-38W-830	4200 lm	3100 lm	34 W	38 W	83	3000K	15°+105°	
Link50-2*AL300+GL600-38W-840	4400 lm	3300 lm	34 W	38 W	83	4000K	15°+105°	
Link50-2*AL300+GL600-38W-830	4200 lm	3100 lm	34 W	38 W	83	3000K	30°+105°	
Link50-2*AL300+GL600-38W-840	4400 lm	3300 lm	34 W	38 W	83	4000K	30°+105°	
Link50-2*AL300+GL600-38W-830	4200 lm	3100 lm	34 W	38 W	83	3000K	35°x15°+105°	
Link50-2*AL300+GL600-38W-840	4400 lm	3300 lm	34 W	38 W	83	4000K	35°x15°+105°	



Order options

SYSYTEM POWER

30W
35W
42W
48W

COLOUR TEMPERATURE

2700K
3000K
4000K

COLOR RENDERING INDEX

CRI 80
CRI 90

ILLUMINATION TYPE



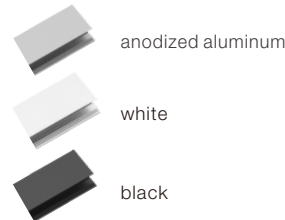
LENS



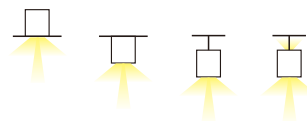
PROFILE LENGTH

1200MM
1800MM

PROFILE COLOUR

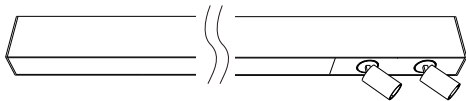


INSTALLATION TYPE

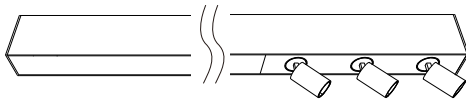


Combination of Spot Light and General Light

1200MM

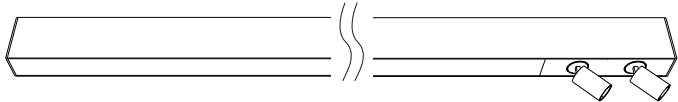


LED Power: 25W
System Power: 30W

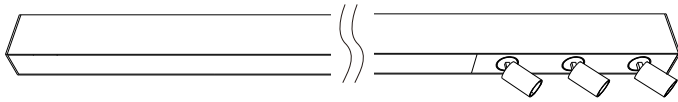


LED Power: 30W
System Power: 35W

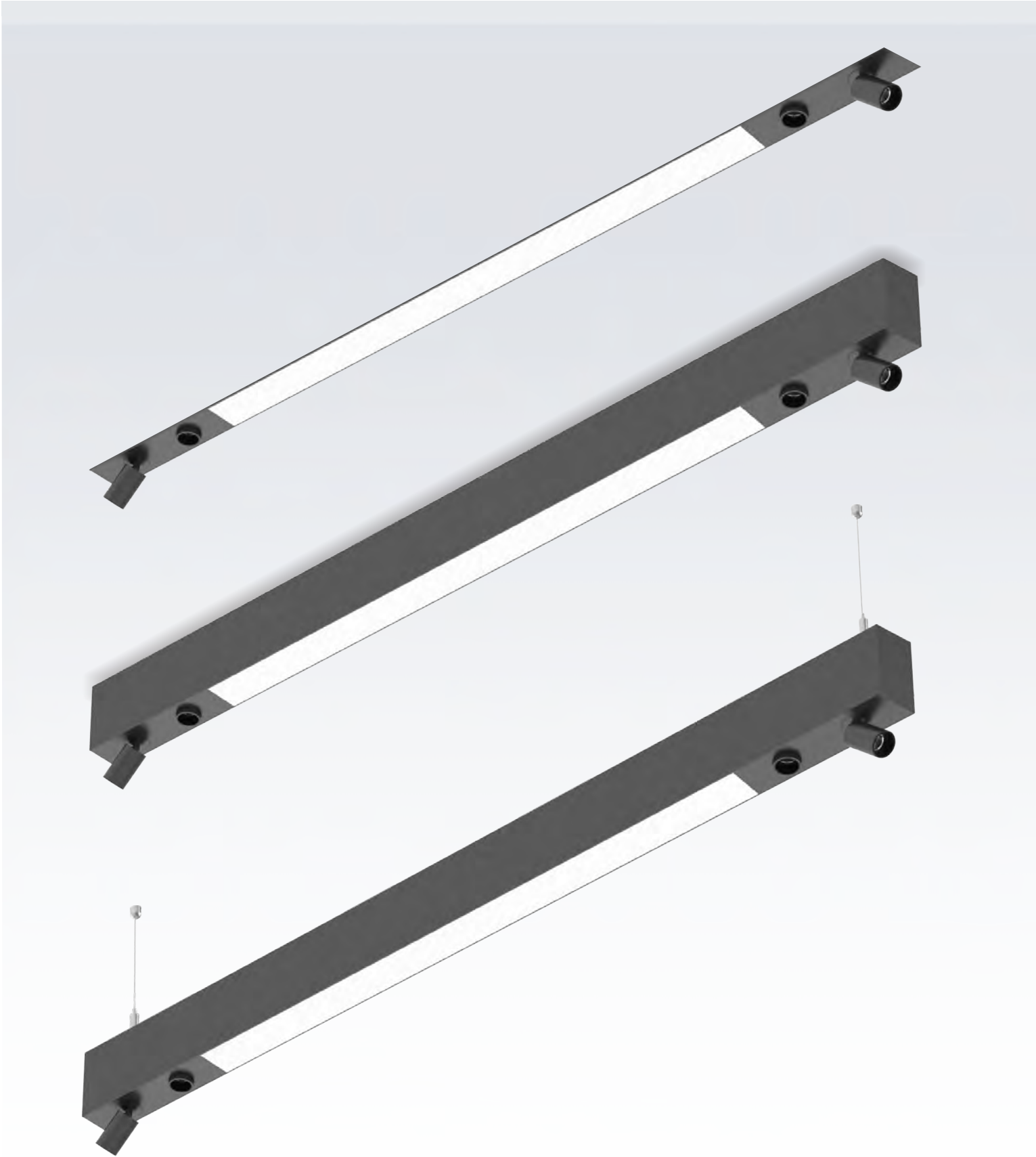
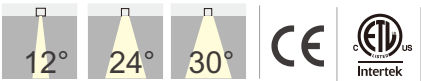
1800MM



LED Power: 36W
System Power: 42W



LED Power: 41W
System Power: 48W



Order options

SYSYTEM POWER

38W
43W
50W
56W

COLOUR TEMPERATURE

2700K
3000K
4000K

COLOR RENDERING INDEX

CRI 80
CRI 90

ILLUMINATION TYPE



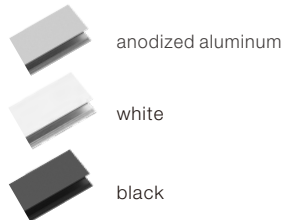
LENS



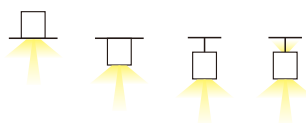
PROFILE LENGTH

1200MM
1800MM

PROFILE COLOUR

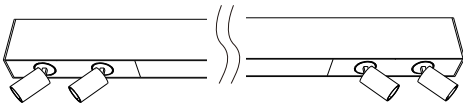


INSTALLATION TYPE

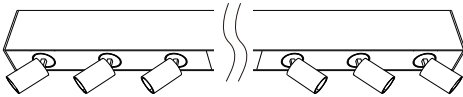


Combination of Spot Light and General Light

1200MM

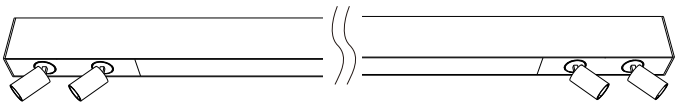


LED Power: 33W
System Power: 38W

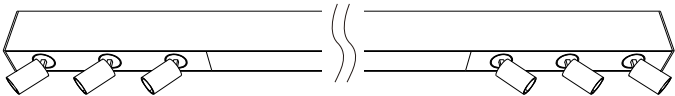


LED Power: 37W
System Power: 43W

1800MM



LED Power: 44W
System Power: 50W



LED Power: 48W
System Power: 56W



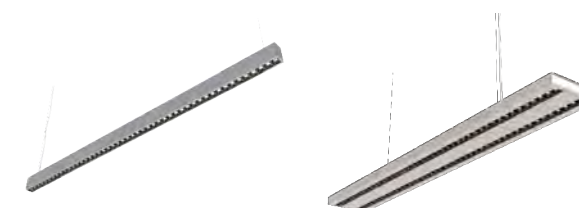
LINK50 Display Case





OFFICE LIGHTING

OFFICE LIGHTING



LINARY35
▶ page 364

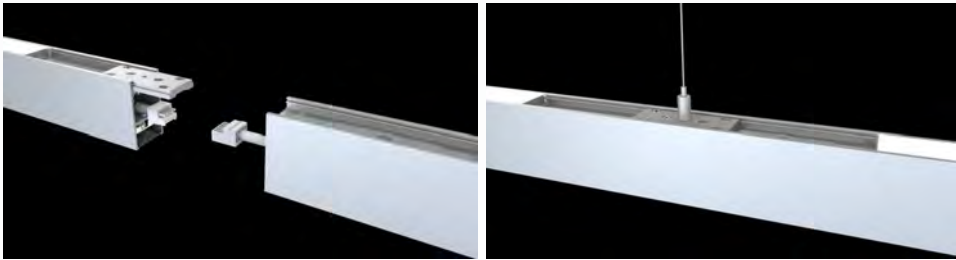
LINARY160
▶ page 366



LOLA-R
▶ page 368



LOLA-S
▶ page 370



Order options

COLOUR TEMPERATURE

3000K
4000K

COLOR RENDERING INDEX

CRI 80
CRI 90

ILLUMINATION TYPE

direct indirect

LENS

50°

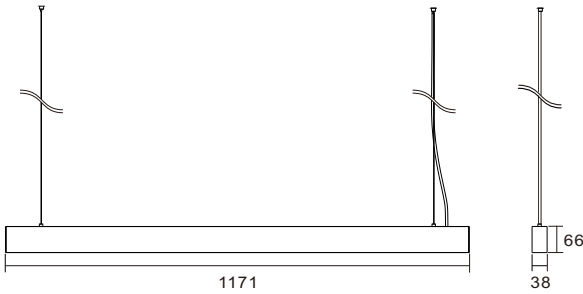
PROFILE COLOUR

silver
white
black

INSTALLATION TYPE

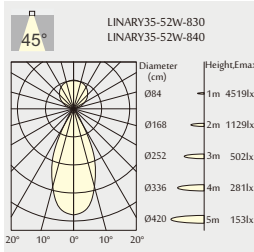


LINARY35



Light distribution

52W 5800 lm-6100 lm



Order Information

LINARY35-52W 5800 Lm MODELS

Code	LED output	Module output	System Power	CRI	CCT	BEAM	LED BRAND
LINARY35-52W-830	6800 lm	5800 lm	52 W	83	3000K	45°	SamSung
LINARY35-52W-840	7200 lm	6100 lm	52 W	83	4000K	45°	SamSung



Order options

COLOUR TEMPERATURE

3000K
4000K

COLOR RENDERING INDEX

CRI 80
CRI 90

ILLUMINATION TYPE

direct indirect

LENS

50°

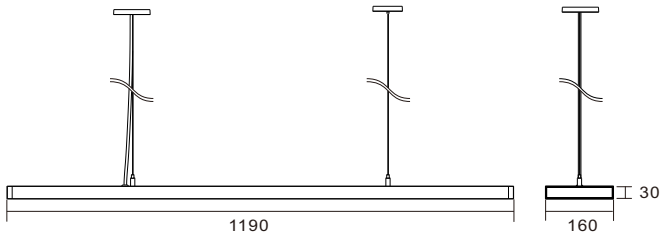
PROFILE COLOUR

silver
white
black

INSTALLATION TYPE

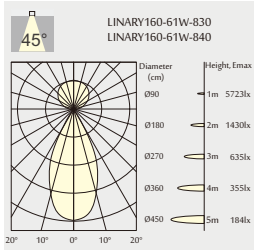


LINARY160



Light distribution

61W 7500 lm-7900 lm



Order Information

LINARY16061 W 7500 Lm MODELS

Code	LED output	Module output	System Power	CRI	CCT	BEAM	LED BRAND
LINARY160-61W-830	8800 lm	7500 lm	61 W	83	3000K	45°	SamSung
LINARY160-61W-840	9200 lm	7900 lm	61 W	83	4000K	45°	SamSung



Order options

COLOUR TEMPERATURE

3000K
4000K

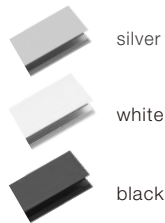
COLOR RENDERING INDEX

CRI 80
CRI 90

ILLUMINATION TYPE



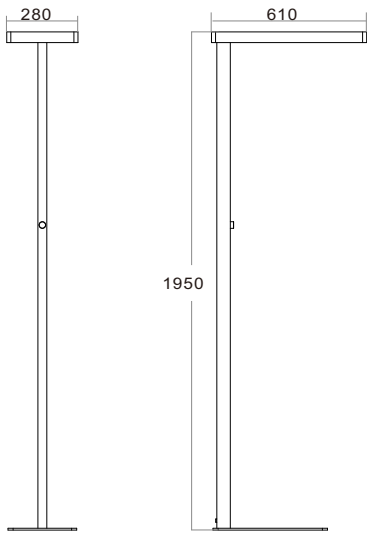
PROFILE COLOUR



INSTALLATION TYPE

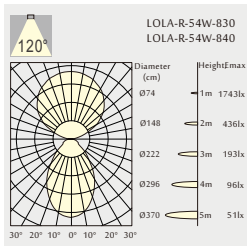


LOLA-R



Light distribution

54W 6800 lm-7200 lm



Order Information

NLBH06055-54W 6800 Lm MODELS

Code	LED output	Module output	System Power	CRI	CCT	BEAM	LED BRAND
LOLA-R-54W-830	8300 lm	6800 lm	54 W	83	3000K	120°	SamSung
LOLA-R-54W-840	8700 lm	7200 lm	54 W	83	4000K	120°	SamSung



Order options

COLOUR TEMPERATURE

3000K
4000K

COLOR RENDERING INDEX

CRI 80
CRI 90

ILLUMINATION TYPE

☒ direct ☐ indirect

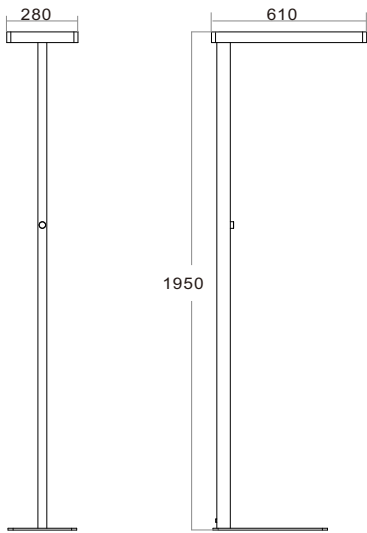
PROFILE COLOUR

☒ silver
☐ white
☐ black

INSTALLATION TYPE

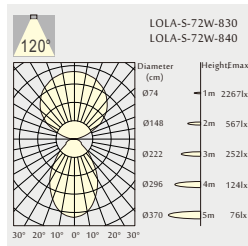


LOLA-S



Light distribution

72W 8800 lm-9200 lm



Order Information

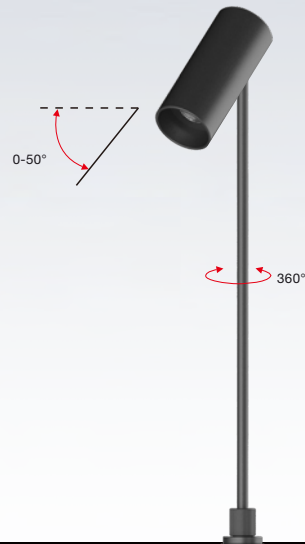
NLBH06055-54W 6800 Lm MODELS

Code	LED output	Module output	System Power	CRI	CCT	BEAM	LED BRAND
LOLA-S-72W-830	10700 lm	8800 lm	72 W	83	3000K	120°	SamSung
LOLA-S-72W-840	11100 lm	9200 lm	72 W	83	4000K	120°	SamSung



**POINT**
▶ page 378**ZOOM**
▶ page 380**POINT / ZOOM**
Display Spotlight





Quickinfo

GENERAL
spotlight
adjustable
constant current 500mA
LED
SMD LED module
2700K, 3000K, 4000K
CRI > 80, CRI>90
Bining < 3-Step MacAdam

ESTIMATED LED LIFETIME
L80 / 50.000h

OPTICAL
direct illumination
beam angle 20°, 50°

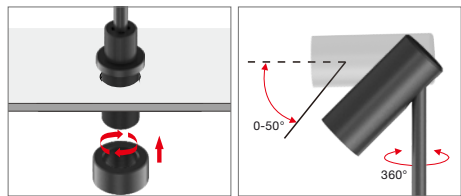
PHYSICAL
aluminium
wet painting

Function

Spotlight for display lighting.
Solitary light made of aluminum.
Black color surface treatment.
Accent lighting by highlighting the object.

Available in 2 beam angles.
Installation on display case with bottom counter nut.

Features



Bottom counter nut mounting
360° rotatable and 50° tiltable

Order options

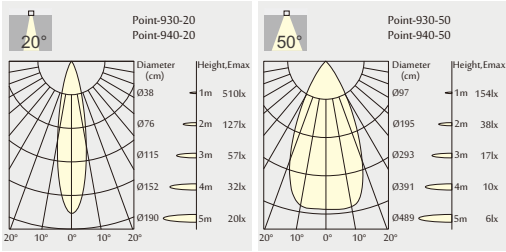
COLOUR TEMPERATURE
2700K
3000K
4000K
COLOUR RENDERING INDEX
CRI 80
CRI 90
LENS
20°
50°

POINT



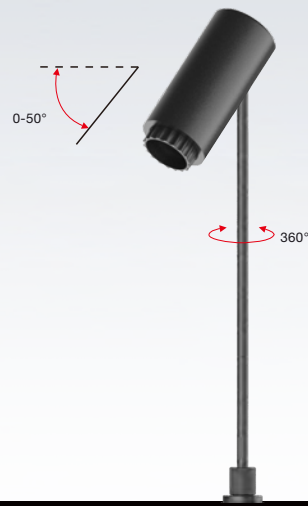
Light distribution for 3000K

1.5W 100 lm-110 lm



Order Information

Point-1.5W 100 Lm MODELS CREE								
Code	LED output	Module output	CD	LED Power	System Power	CRI	CCT	BEAM
Point-930-20	130 lm	100 lm	511 cd	1.5 W	2.5 W	90	3000K	20°
Point-940-20	140 lm	110 lm	589 cd	1.5 W	2.5 W	90	4000K	20°
Point-930-50	130 lm	100 lm	162 cd	1.5 W	2.5 W	90	3000K	50°
Point-940-50	140 lm	110 lm	197 cd	1.5 W	2.5 W	90	4000K	50°



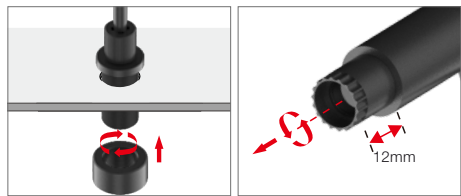
Quickinfo

GENERAL
spotlight
adjustable
constant current 350mA
LED
SMD LED module
2700K, 3000K, 4000K
CRI > 80, CRI > 90
Bining < 3-Step MacAdam
ESTIMATED LED LIFETIME
L80 / 50,000h
OPTICAL
direct illumination
beam angle 10°-35°
PHYSICAL
aluminium
wet painting

Function

Flexible light beams for window displays. Solitary spotlight made of aluminum. Black color surface treatment 360° rotatable and 50° tiltable.	Modified dimensions of the illuminated area through twist & zoom system. Installation on display case with bottom counter nut.
--	---

Features



Bottom counter nut mounting
By turning the optic of zoom through the ring

Order options

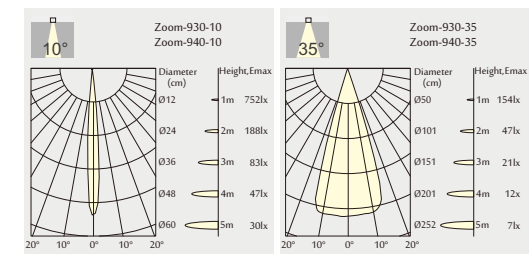
COLOUR TEMPERATURE
2700K
3000K
4000K
COLOUR RENDERING INDEX
CRI 80
CRI 90

ZOOM



Light distribution for 3000K

4W 50-100 lm



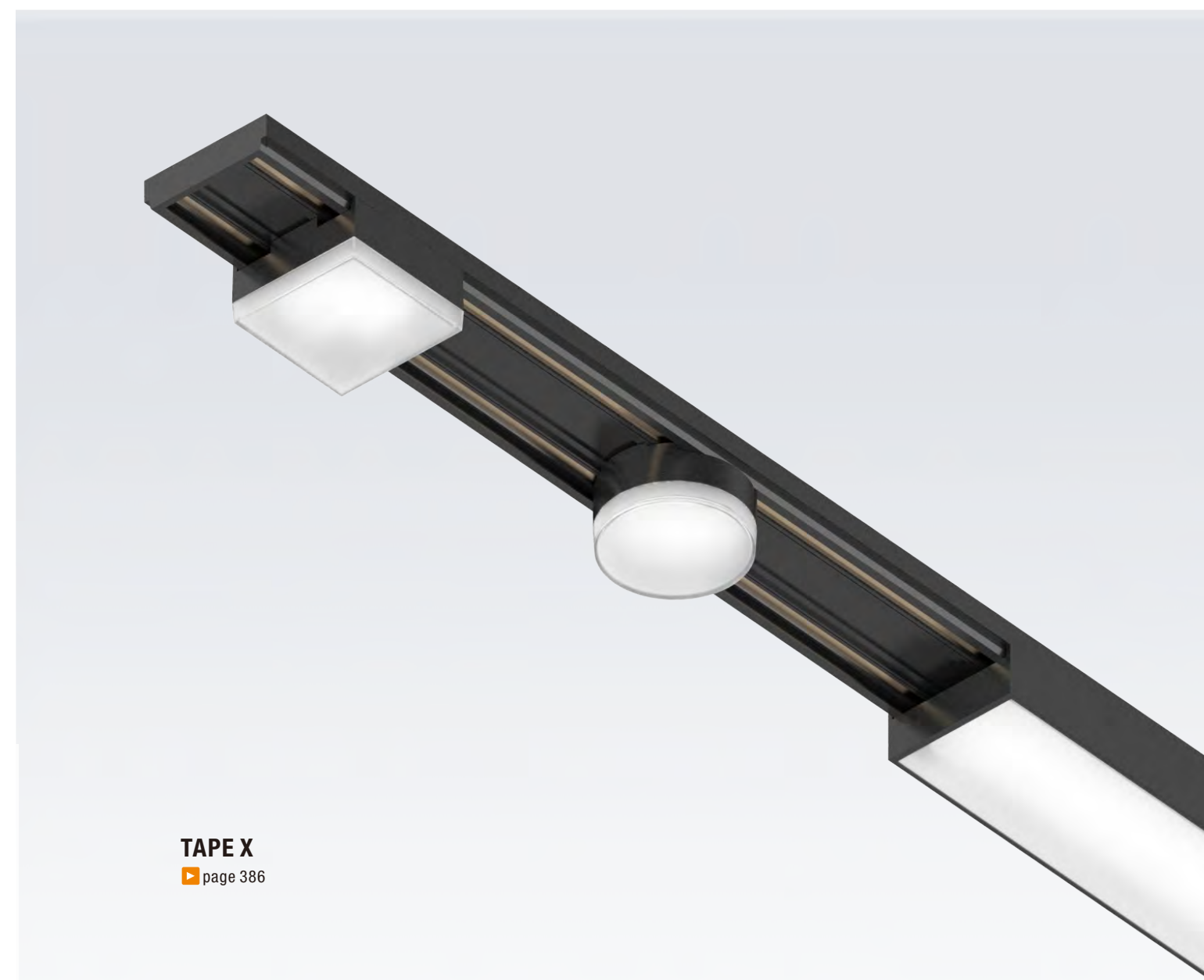
Order Information

Zoom-1.5W 50-100 Lm MODELS		(CREE LED)						
Code	LED output	Module output	CD	LED Power	System Power	CRI	CCT	BEAM
Zoom-930-8	450 lm	50-100 lm	242-1395 cd	4 W	6 W	90	3000K	10-35°
Zoom-940-8	500 lm	60-110 lm	260-1557 cd	4 W	6 W	90	4000K	10-35°

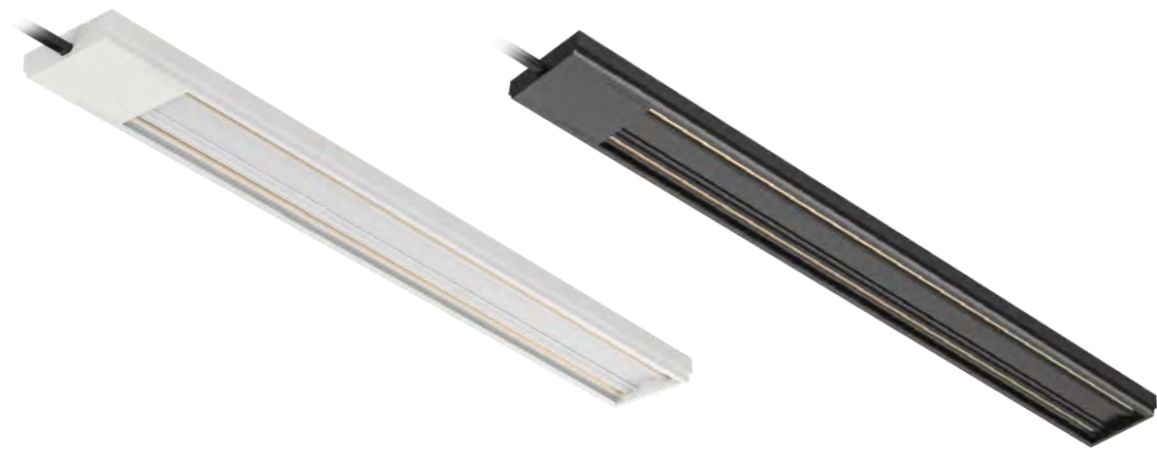


TAPE X
Linear and Modular Display Light

TAPE X
Linear and Modular Display Light



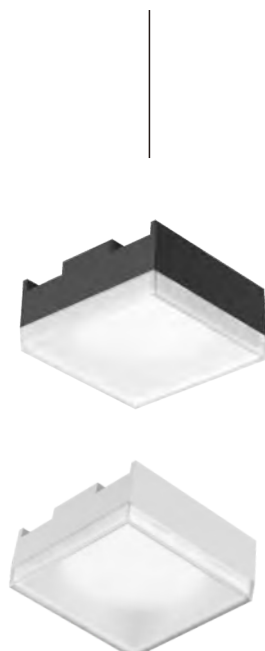
TAPE X
page 386



Track
Customized Length Are Available



Round Module



Square Module



Linear Module





Quickinfo

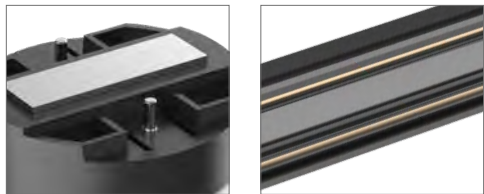
GENERAL
linear and modular
input voltage: 24VDC
LED
SMD LED module
2700K, 3000K, 4000K
CRI > 83, CRI > 90
Bining < 3-Step MacAdam
ESTIMATED LED LIFETIME
L80 / 50,000h
OPTICAL
direct illumination
beam angle 105°
PHYSICAL
aluminium
wet painting

Function

Ideal for display lighting with low-profile design.
Flexible in the length of track and also the positions of the insert modules.
Modular system features diffuse or accent lighting requirements
Different combinations of the round module, square module or linear module ensures design freedom.

The magnetic system provides convenience and reliability
Multiple installation options of 3M glue, metal spring clip or screws guarantee maximum application premises

Features



No need to distinguish between positive and negative electrodes

Order options

SYSTEM POWER
2W
10W
COLOUR TEMPERATURE
2700K
3000K
4000K
COLOUR RENDERING INDEX
CRI 80
CRI 90

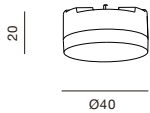
HOUSING



Round Module

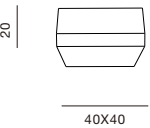
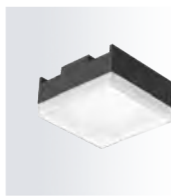
3000K
(Standard)

2W



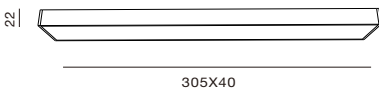
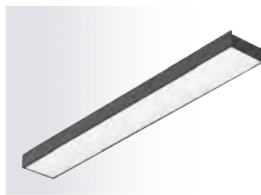
Square Module

2W



Linear Module

10W





OUTDOOR
LIGHTING

OUTDOOR
LIGHTING



EPO NANO
▶ page 394



EPO MINI
▶ page 396



EPO MINI S316
▶ page 398



EPO MAXI
▶ page 400



EPO MAXI S316
▶ page 402



EOS NANO
▶ page 406



EOS MINI
▶ page 408



EOS MINI S316
▶ page 410



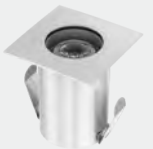
EOS MAXI
▶ page 412



EOS MAXI S316
▶ page 414



FOCAL R
▶ page 418



FOCAL S
▶ page 418



IP68 Outdoor Lighting

Patented Design
High Precision Mechanism
Optimally Thermal Management
In-ground, Underwater or Outdoor Application

Long Term Reliability

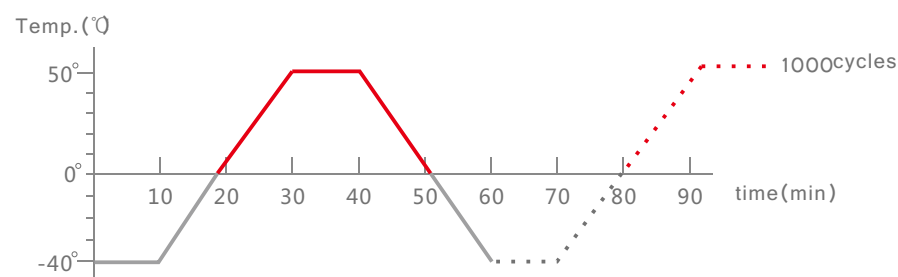
— Qualified by most rigorous test

1. Power & Temperature Cycle/**Condition**

Power: 5min on(Led operates at 500mA) , 5min off ,

Temperature: Ta = -40°C...50°C

Test time: 1000 cycles (procedure as below graph)

**2. Power On& Temperature & Humidity Test /****Condition**

Power: On (Led operates at 500mA) ;

Temperature: Ta = 55°C, 85% R.H. ; Test time: 80hrs

3. Temperature & Humidity Storage /**Condition**

Power: Off.

Temperature: Ta = 85°C, 85% R.H.

Test time: 1000hrs

4. IP Grade-Water Immersion test /IP**Condition**

Power the luminaire (led works at 500mA)

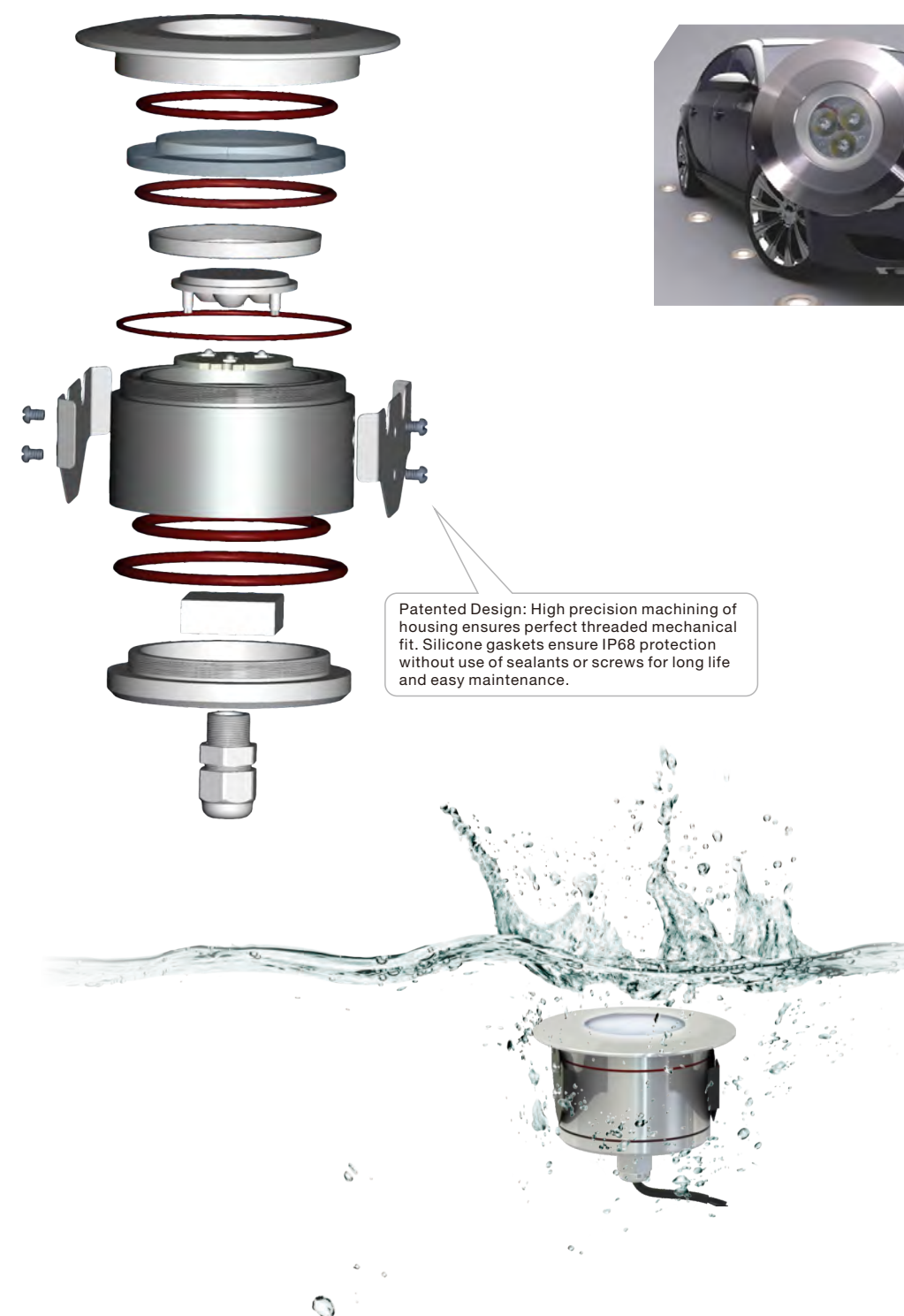
for 2 hours, then power off

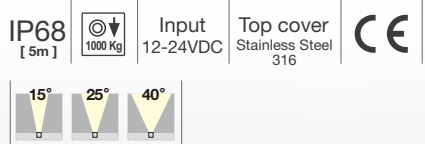
Immerse the luminaire into 1.4m deep water for 0.5 hours

5. Compression Test**Condition**

compress the luminaire with force increasing at a rate of 5,000N per minute, and remain 1 minute at 20,000N then load is released

- Patented IP68 optics design pumps out heat from LED to maintain thermal characteristics for optimal long life performance
- IP68 Stability is attained through high precision machining of housing for perfect threaded mechanical fit. IP68 protection without use of glue or sealants that are subject to change in extreme environments ensures long life and easy maintenance.
- Robust fixture construction is able to bear 1,000 KGS compression, compliant with IK10





Quickinfo

GENERAL
underground
IP 68
LED
SMD LED module
2700K, 3000K, 4000K
CRI > 80, CRI > 90
Bining < 3-Step MacAdam
ESTIMATED LED LIFETIME
L80 / 50,000h
OPTICAL
direct illumination
beam angle 15°, 25°, 40°
PHYSICAL
top cover: stainless steel 316
body: anodized aluminium

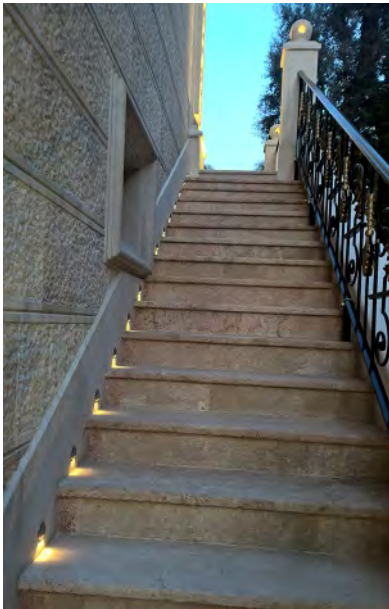
EOS Nano
page 406



Function

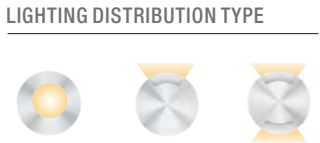
A perfect marker light for in-ground, underwater or outdoor application.
IP68 design with integral thermal management for long life.
High precision machining ensures perfect mechanical fit for long life.
8 mm Tempered glass lens support 1,000 kg “driver over” performance,
High reliability, maintenance free.

Light emission: one emission,two opposite emissions.
Very low surface temperature lens can be touched without injury
Suitable for indoor applications in bathroom, kitchens, bars when lens may be touched without injury.



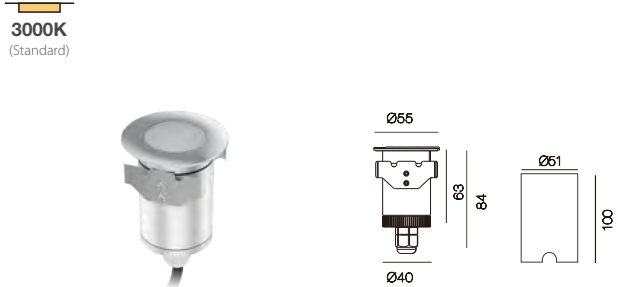
Order options

COLOUR TEMPERATURE
2700K
3000K
4000K
COLOUR RENDERING INDEX
CRI 80
CRI 90
LENS
15°Beam
25°Beam
40°Beam

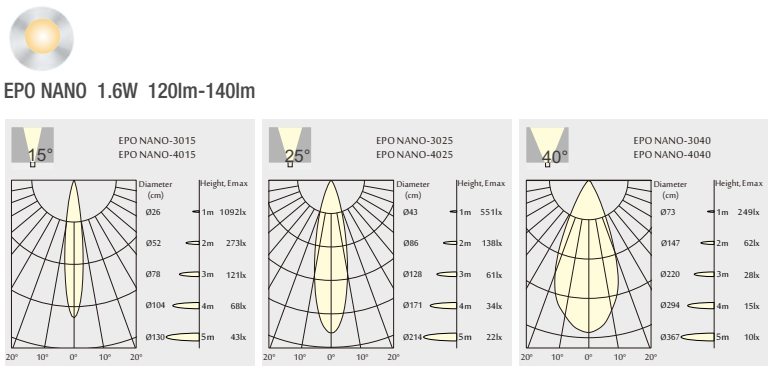


LIGHTING DISTRIBUTION TYPE

EPO NANO



Light distribution for 3000K



Order Information

EPO NANO 1 LED MODELS		(With CREE LED, DC-DC driver / Input 12-24V/DC)					
Code	Lumen output	CD	LED Power	System Power	CRI	CCT	BEAM
EPO NANO-3015	120 lm	1092 cd	1.6 W	2 W	83	3000K	15°
EPO NANO-4015	140 lm	1188 cd	1.6 W	2 W	83	4000K	15°
EPO NANO-3025	120 lm	551 cd	1.6 W	2 W	83	3000K	25°
EPO NANO-4025	140 lm	584 cd	1.6 W	2 W	83	4000K	25°
EPO NANO-3040	120 lm	249 cd	1.6 W	2 W	83	3000K	40°
EPO NANO-4040	140 lm	270 cd	1.6 W	2 W	83	4000K	40°



EPO NANO V1 1.6W 10lm-11lm

Order Information

EPO NANO V1 1 LED MODELS		(With CREE LED, DC-DC driver / Input 12-24V/DC)			
Code	Lumen output	LED Power	System Power	CRI	CCT
EPO NANO V1-30	10 lm	1.6 W	2 W	83	3000K
EPO NANO V1-40	11 lm	1.6 W	2 W	83	4000K



EPO NANO V2 1.6W 15-17lm

Order Information

EPO NANO V2 1 LED MODELS		(With CREE LED, DC-DC driver / Input 12-24V/DC)			
Code	Lumen output	LED Power	System Power	CRI	CCT
EPO NANO V2-30	15 lm	1.6 W	2 W	83	3000K
EPO NANO V2-40	17 lm	1.6 W	2 W	83	4000K

IP68
[5m]

1000 Kg

Input
12-24VDC

Top cover
Stainless Steel
316



15°

40°

60°



Order options

COLOUR TEMPERATURE

2700K
3000K
4000K

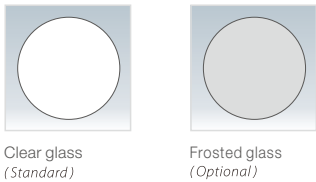
COLOUR RENDERING INDEX

CRI 80
CRI 90

LENS

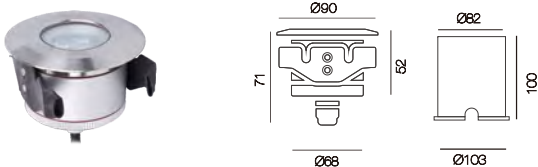


GLASS STYLE



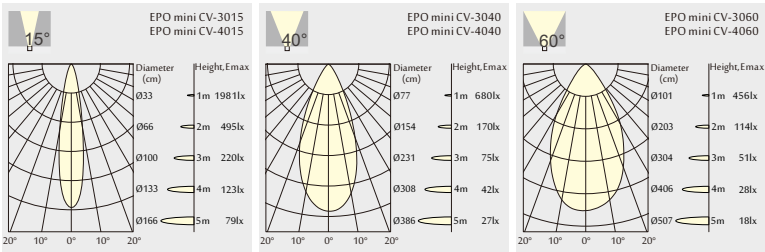
EPO MINI


3000K
(Standard)



Light distribution for 3000K

EPO MINI 4.3 W 380lm-420lm



Order Information

EPO mini 3 LED MODELS			(With CREE LED, DC-DC driver / Input 12-24V/DC)				
Code	Lumen output	CD	LED Power	System Power	CRI	CCT	BEAM
EPO mini CV-3015	380 lm	1981 cd	4.3 W	4.8 W	83	3000K	15°
EPO mini CV-4015	420 lm	2044 cd	4.3 W	4.8 W	83	4000K	15°
EPO mini CV-3040	380 lm	680 cd	4.3 W	4.8 W	83	3000K	40°
EPO mini CV-4040	420 lm	834 cd	4.3 W	4.8 W	83	4000K	40°
EPO mini CV-3060	380 lm	456 cd	4.3 W	4.8 W	83	3000K	60°
EPO mini CV-4060	420 lm	556 cd	4.3 W	4.8 W	83	4000K	60°

Quickinfo

GENERAL

underground
IP 68

LED

SMD LED module
2700K, 3000K, 4000K
CRI > 80, CRI > 90
Bining < 3-Step MacAdam

ESTIMATED LED LIFETIME

L80 / 50,000h

OPTICAL

direct illumination
beam angle 15°, 40°, 60°

PHYSICAL

top cover: stainless steel 316
body: anodized aluminium

Function

Creating striking wall effect with focus beam
IP68 design with integral thermal management for long life.
High precision machining ensures perfect mechanical fit for long life.
Stainless steel (316) front face ensures corrosion free outdoor performance in salty, damp environment.

8 mm Tempered glass lens support 1,000 kg “driver over” performance,High reliability, maintenance free
Very low surface temperature lens can be touched without injury.
Suitable for indoor applications in bathroom, kitchens,bars when lens may be touched without injury

EPO Mini S316
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EPO / EPO Mini S316
Stainless Steel 316 Version for Underwater Lighting

IP68
[5m]

1000 Kg

Input
12-24VDC

Whole fixture
Stainless Steel
316

15°

40°

60°



Quickinfo

GENERAL
underground
IP 68
LED
SMD LED module
2700K, 3000K, 4000K
CRI > 80, CRI > 90
Bining < 3-Step MacAdam

ESTIMATED LED LIFETIME

L80 / 50,000h

OPTICAL

direct illumination
beam angle 15°, 40°, 60°

PHYSICAL

top cover: stainless steel 316
body: stainless steel 316

Function

Creating striking wall effect with focus beam.
IP68 design with integral thermal management for long life.
High precision machining ensures perfect mechanical fit for long life.
The whole fixture is made of stainless steel(316), ensures corrosion free outdoor performance in salty,damp enviornment,especially suitable for underwater lighting.

8 mm Tempered glass lens support 1,000 kg "driver over" performance, High reliability, maintenance free.
Very low surface temperature lens can be touched without injury.
Suitable for indoor applications in bathroom, kitchens, bars when lens may be touched without injury.

Features

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- EOS Mini
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- EOS Mini S316
page 410



Cover: stainless steel 316
Body: stainless steel 316
Glass: tempered glass

Order options

COLOUR TEMPERATURE

2700K
3000K
4000K

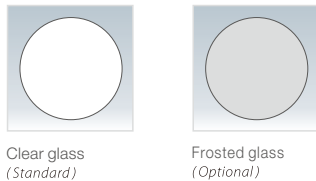
COLOUR RENDERING INDEX

CRI 80
CRI 90

LENS

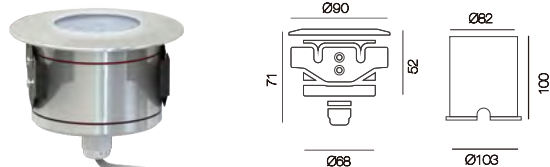


GLASS STYLE



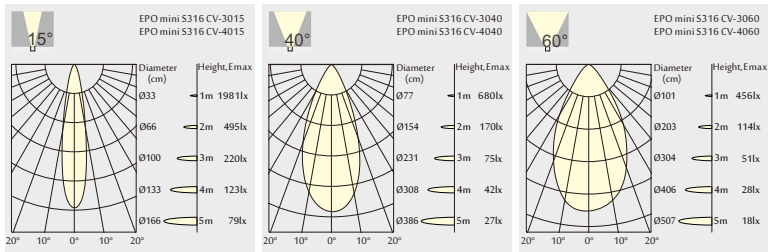
EPO MINI S316

3000K
(Standard)



Light distribution for 3000K

EPO Mini S316 4.3 W 380lm-420lm



Order Information

EPO mini S316 3 LED MODELS (With CREE LED, DC-DC driver / Input 12-24V/DC)							
Code	Lumen output	CD	LED Power	System Power	CRI	CCT	BEAM
EPO mini S316 CV-3015	380 lm	1981 cd	4.3 W	4.8 W	83	3000K	15°
EPO mini S316 CV-4015	420 lm	2044 cd	4.3 W	4.8 W	83	4000K	15°
EPO mini S316 CV-3040	380 lm	680 cd	4.3 W	4.8 W	83	3000K	40°
EPO mini S316 CV-4040	420 lm	834 cd	4.3 W	4.8 W	83	4000K	40°
EPO mini S316 CV-3060	380 lm	456 cd	4.3 W	4.8 W	83	3000K	60°
EPO mini S316 CV-4060	420 lm	556 cd	4.3 W	4.8 W	83	4000K	60°

EPO Mini CV Ground Light Series
External 12-24VDC LED driver is required
Non-Dimmable
Lumen output: 380-420lm



Efficiency: 79 lm/W
Life time: 50,000 hours (70% Lumen maintenance)
3 Years Guarantee

IP68
[5m]


1000 Kg

Input
20-24VDC

Top cover
Stainless Steel
316



20°

30°

60°



Order options

COLOUR TEMPERATURE

2700K
3000K
4000K

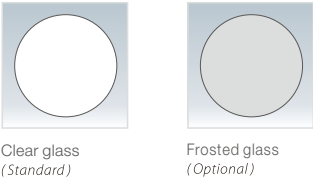
COLOUR RENDERING INDEX

CRI 80
CRI 90

LENS

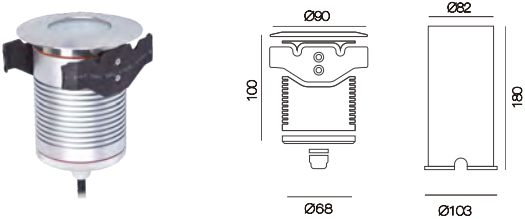


GLASS STYLE



EPO Maxi

3000K
(Standard)



Light distribution for 3000K

Quickinfo

GENERAL

underground
IP 68

LED

SMD LED module
2700K, 3000K, 4000K
CRI > 80, CRI > 90
Bining < 3-Step MacAdam

ESTIMATED LED LIFETIME

L80 / 50,000h

OPTICAL

direct illumination
beam angle 20°, 30°, 60°

PHYSICAL

top cover: stainless steel 316
body: anodized aluminium

Function

High power ground light with great accent lighting effect.
IP68 design with integral thermal management for long life.
High precision machining ensures perfect mechanical fit for long life.
Stainless steel (316) front face ensures corrosion free outdoor performance in salty, damp environment.
8 mm Tempered glass lens support 1,000 kg “driver over” performance,
High reliability, maintenance free.

Very low surface temperature lens can be touched without injury.
Suitable for indoor applications in bathroom, kitchens, bars when lens may be touched without injury.

EPO Maxi S316

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EOS Maxi

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EOS Maxi S316

page 414



IP68
[5m]

1000 Kg

Input
20-24VDC

Whole fixture
Stainless Steel
316

20°

30°

60°



Quickinfo

GENERAL
underground
IP 68

LED
SMD LED module
2700K, 3000K, 4000K
CRI > 80, CRI > 90
Bining < 3-Step MacAdam

ESTIMATED LED LIFETIME
L80 / 50,000h

OPTICAL
direct illumination
beam angle 20°, 30°, 60°

PHYSICAL
top cover: stainless steel 316
body: stainless steel 316

Function

High power ground light with great accent lighting effect.
IP68 design with integral thermal management for long life.
High precision machining ensures perfect mechanical fit for long life.
The whole fixture is made of stainless steel(316),ensures corrosion free outdoor performance in salty,damp enviornment,especially suitable for underwater lighting.

8 mm Tempered glass lens support 1,000 kg “driver over” performance, High reliability, maintenance free.
Very low surface temperature lens can be touched without injury suitable for indoor applications in bathroom, kitchens, bars when lens may be touched without injury.

Features

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EOS Maxi
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EOS Maxi S316
page 414



Cover: stainless steel 316
Body: stainless steel 316
Glass: tempered glass

Order options

COLOUR TEMPERATURE
2700K
3000K
4000K

COLOUR RENDERING INDEX
CRI 80
CRI 90

LENS

20°Beam

30°Beam

60°Beam

GLASS STYLE

Clear glass
(Standard)

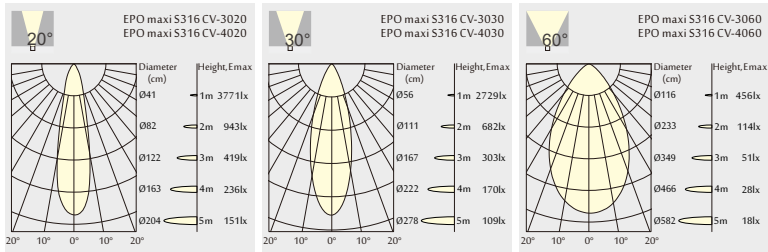
Frosted glass
(Optional)

EPO Maxi S316

3000K
(Standard)

Light distribution for 3000K

EPO Maxi S316 11W 1000lm-1100lm



Order Information

EPO maxi S316 7 LED MODELS (With CREE LED, DC-DC driver / Input 20-24V/DC)							
Code	Lumen output	CD	LED Power	System Power	CRI	CCT	BEAM
EPO maxi S316 CV-3020	1000 lm	3771 cd	11 W	11.5 W	83	3000K	20°
EPO maxi S316 CV-4020	1100 lm	3922 cd	11 W	11.5 W	83	4000K	20°
EPO maxi S316 CV-3030	1000 lm	2729 cd	11 W	11.5 W	83	3000K	30°
EPO maxi S316 CV-4030	1100 lm	2903 cd	11 W	11.5 W	83	4000K	30°
EPO maxi S316 CV-3060	1000 lm	901 cd	11 W	11.5 W	83	3000K	60°
EPO maxi S316 CV-4060	1100 lm	994 cd	11 W	11.5 W	83	4000K	60°

EPO Maxi CV Ground Light Series
External 24VDC LED driver is required
Non-Dimmable
Lumen output: 1000-1100lm



Efficiency: 87 lm/W
Life time: 50,000 hours (70% Lumen maintenance)
3 Years Guarantee



IP 68 OUTDOOR LIGHTING

Anodized aluminium housing version for landscape lighting.

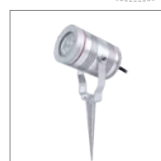
Stainless Steel 316 housing version for underwater lighting.



360° 130°



Accessory :
Stake for EOS projector



IP68
[5m]

Power
2W

Input
12-24VDC

Material
Aluminium

CE

15°

25°

40°



Aluminium COLOUR

Metal Black COLOUR

Quickinfo

GENERAL
projector
IP 68

LED
SMD LED module
2700K, 3000K, 4000K
CRI > 80, CRI > 90
Bining < 3-Step MacAdam

ESTIMATED LED LIFETIME
L80 / 50,000h

OPTICAL
direct illumination
beam angle 15°, 25°, 40°

PHYSICAL
housing: anodized aluminium

Function

Creating striking wall effect with focus beam.
P68 design with integral thermal management for long life.
High precision machining ensures perfect mechanical fit for long life.
Stainless steel (316) front face ensures corrosion free outdoor.
performance in salty damp environment.
Optional stake mounting offers easy installation and tool free repositioning.

Metal black COLOUR with triple layer coating for high resistance to corrosion:

chemical conversion coating on the aluminium surface followed by a first layer of anodising, a second layer of epoxy power and a third finishing layer of polyester powder.

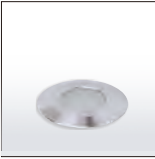
Corrosion tests in artificial atmospheres salt spray test passed at 1000hrs

Features



Body: Anodized Aluminium
Glass: tempered glass

EP0 Nano
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Order options

COLOUR TEMPERATURE
2700K
3000K
4000K

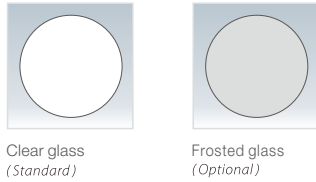
COLOUR RENDERING INDEX
CRI 80
CRI 90

LENS
15° Beam
25° Beam
40° Beam

SURFACE TREATMENT



GLASS STYLE



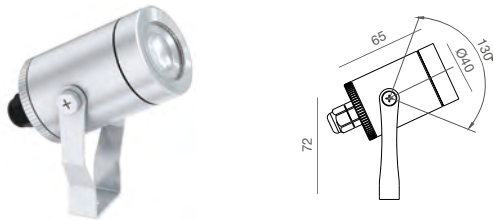
INSTALLATION STAKE



(Optional)

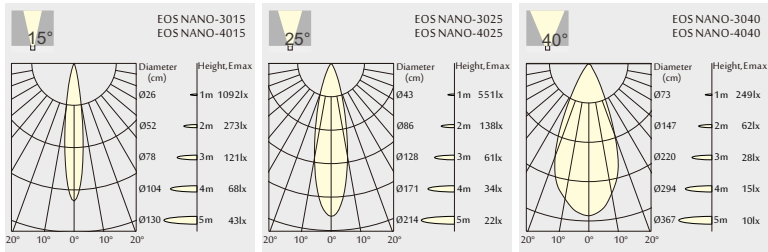
EOS Nano

3000K
(Standard)



Light distribution for 3000K

EOS NANO 2W 120m-140lm



Order Information

EOS NANO 1 LED MODELS		(With CREE LED, DC-DC driver / Input 12-24V/DC)					
Code	Lumen output	CD	LED Power	System Power	CRI	CCT	BEAM
EOS NANO-3015	120 lm	1092 cd	1.6 W	2 W	83	3000K	15°
EOS NANO-4015	140 lm	1188 cd	1.6 W	2 W	83	4000K	15°
EOS NANO-3025	120 lm	551 cd	1.6 W	2 W	83	3000K	25°
EOS NANO-4025	140 lm	584 cd	1.6 W	2 W	83	4000K	25°
EOS NANO-3040	120 lm	249 cd	1.6 W	2 W	83	3000K	40°
EOS NANO-4040	140 lm	270 cd	1.6 W	2 W	83	4000K	40°

IP68
[5m]

Power
4.8W

Input
12-24VDC

Material
Aluminium

CE

15°

40°

60°



Quickinfo

GENERAL

projector

IP 68

LED

SMD LED module

2700K, 3000K, 4000K

CRI>80, CRI>90

Bining < 3-Step MacAdam

ESTIMATED LED LIFETIME

L80 / 50,000h

OPTICAL

direct illumination

beam angle 15°, 40°, 60°

PHYSICAL

housing: anodized aluminium

Function

Creating striking wall effect with focus beam

P68 design with integral thermal management for long life.

High precision machining ensures perfect mechanical fit for long life.

Stainless steel (316) front face ensures corrosion free outdoor performance in salty damp environment.

Optional stake mounting offers easy installation and tool free repositioning.

Metal black COLOUR with triple layer coating for high resistance to corrosion:

chemical conversion coating on the aluminium surface followed by a first layer of anodising, a second layer of epoxy power and a third finishing layer of polyester powder.

Corrosion tests in artificial atmospheres salt spray test passed at 1000hrs

Features

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EPO Mini S316

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EOS Mini S316

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Order options

COLOUR TEMPERATURE

2700K

3000K

4000K

COLOUR RENDERING INDEX

CRI 80

CRI 90

LENS

15°Beam

40°Beam

60°Beam

SURFACE TREATMENT

Aluminium COLOURMetal Black COLOUR

GLASS STYLE

Clear glass (Standard)

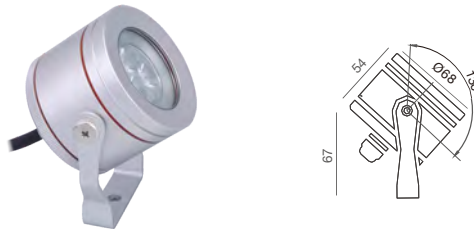
Frosted glass (Optional)

INSTALLATION STAKE

(Optional)

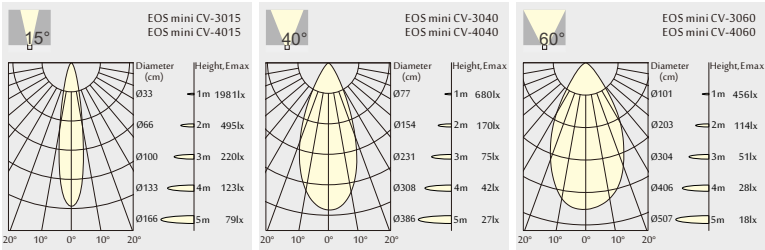
EOSMini

3000K
(Standard)



Light distribution for 3000K

EOS Mini 4.3W 380lm-420lm



Order Information

EOS mini 3 LED MODELS (With CREE LED, DC-DC driver / Input 12-24V/DC)							
Code	Lumen output	CD	LED Power	System Power	CRI	CCT	BEAM
EOS mini CV-3015	380 lm	1981 cd	4.3 W	4.8 W	83	3000K	15°
EOS mini CV-4015	420 lm	2044 cd	4.3 W	4.8 W	83	4000K	15°
EOS mini CV-3040	380 lm	680 cd	4.3 W	4.8 W	83	3000K	40°
EOS mini CV-4040	420 lm	834 cd	4.3 W	4.8 W	83	4000K	40°
EOS mini CV-3060	380 lm	456 cd	4.3 W	4.8 W	83	3000K	60°
EOS mini CV-4060	420 lm	556 cd	4.3 W	4.8 W	83	4000K	60°

IP68
[5m]

Power
4.8W

Input
12-24VDC

Material
Stainless Steel
316

CE

15°

40°

60°



Quickinfo

GENERAL

projector

IP 68

LED

SMD LED module

2700K, 3000K, 4000K

CRI > 80, CRI > 90

Bining < 3-Step MacAdam

ESTIMATED LED LIFETIME

L80 / 50,000h

OPTICAL

direct illumination

beam angle 15°, 40°, 60°

PHYSICAL

housing: stainless steel 316

Function

Creating striking wall effect with focus beam
P68 design with integral thermal management for long life.
High precision machining ensures perfect mechanical fit for long life.

The whole fixture is made of stainless steel(316),ensures corrosionfree outdoor performance in salty,damp enviornment,especially suitable for underwater lighting.
Optional stake mounting offers easy installation and tool free repositioning.

Features

EP0 Mini

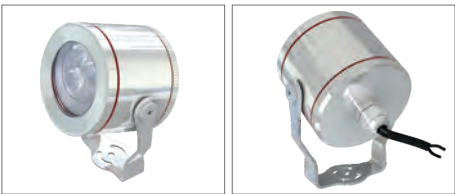
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EP0 Mini S316

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EOS Mini

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Body: Stainless steel 316

Order options

COLOUR TEMPERATURE

2700K

3000K

4000K

COLOUR RENDERING INDEX

CRI 80

CRI 90

LENS

15°Beam

40°Beam

60°Beam

GLASS STYLE

Clear glass
(Standard)

Frosted glass
(Optional)

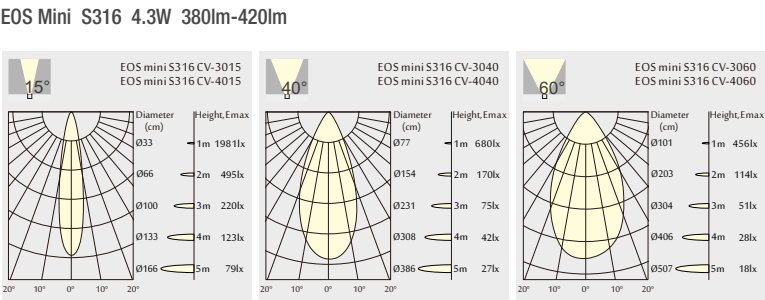
INSTALLATION STAKE

(Optional)

EOS Mini S316

3000K
(Standard)

Light distribution for 3000K



Order Information

EOS mini S316 3 LED MODELS

(With CREE LED, DC-DC driver / Input 12-24V/DC)

Code	Lumen output	CD	LED Power	System Power	CRI	CCT	BEAM
EOS mini S316 CV-3015	380 lm	1981 cd	4.3 W	4.8 W	83	3000K	15°
EOS mini S316 CV-4015	420 lm	2044 cd	4.3 W	4.8 W	83	4000K	15°
EOS mini S316 CV-3040	380 lm	680 cd	4.3 W	4.8 W	83	3000K	40°
EOS mini S316 CV-4040	420 lm	834 cd	4.3 W	4.8 W	83	4000K	40°
EOS mini S316 CV-3060	380 lm	456 cd	4.3 W	4.8 W	83	3000K	60°
EOS mini S316 CV-4060	420 lm	556 cd	4.3 W	4.8 W	83	4000K	60°

EOS Mini CV Outdoor Projector Light Series
Non-Dimmable
Lumen output: 380-420lm



Efficiency: 79 lm/W
Life time: 50,000 hours (70% Lumen maintenance)
3 Years Guarantee

IP68
[5m]

Power
11.5W

Input
20-24VDC

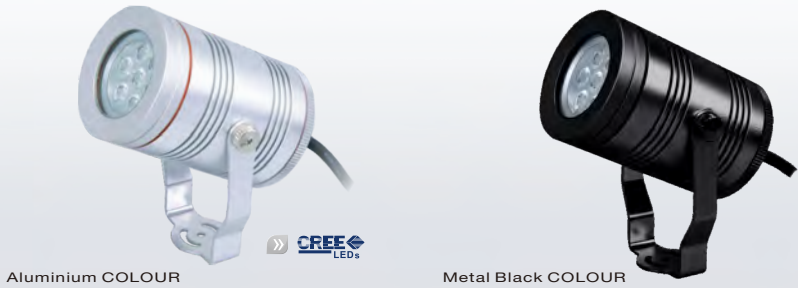
Material
Aluminium

CE

20°

30°

60°



Aluminium COLOUR

Metal Black COLOUR

Quickinfo

GENERAL

projector

IP 68

LED

SMD LED module

2700K, 3000K, 4000K

CRI > 80, CRI > 90

Bining < 3-Step MacAdam

ESTIMATED LED LIFETIME

L80 / 50,000h

OPTICAL

direct illumination

beam angle 20°, 30°, 60°

PHYSICAL

housing: anodized aluminium

Function

High power projector for architectural grade accent lighting effect. IP68 design with integral thermal management for long life. High precision machining ensures perfect mechanical fit for long life. Stainless steel (316) front face ensures corrosion free outdoor performance in salty damp environment. Optional stake mounting offers easy installation and tool free repositioning.

Metal black COLOUR with triple layer coating for high resistance to corrosion: chemical conversion coating on the aluminium surface followed by a first layer of anodising, a second layer of epoxy power and a third finishing layer of polyester powder. Corrosion tests in artificial atmospheres salt spray test passed at 1000hrs

Features

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EPO Maxi S316

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EOS Maxi S316

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Body: Anodized Aluminium
Glass: tempered glass

Order options

COLOUR TEMPERATURE

2700K

3000K

4000K

COLOUR RENDERING INDEX

CRI 80

CRI 90

LENS

20° Beam

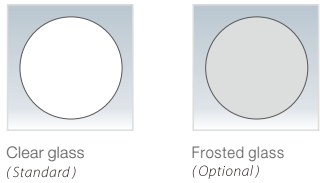
30° Beam

60° Beam

SURFACE TREATMENT



GLASS STYLE



INSTALLATION STAKE

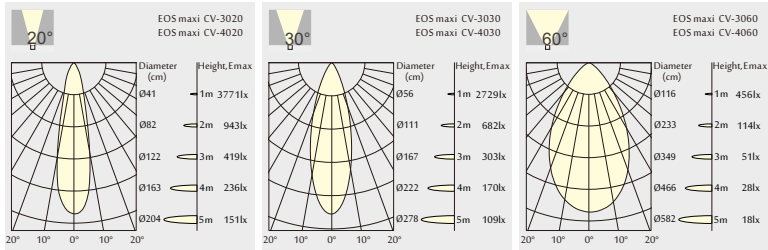


EOS Maxi



Light distribution for 3000K

EOS Maxi 11W 1000lm-1100lm



Order Information

EOS maxi 7 LED MODELS							(With CREE LED, DC-DC driver / Input 20-24V/DC)	
Code	Lumen output	CD	LED Power	System Power	CRI	CCT	BEAM	
EOS maxi CV-3020	1000 lm	3771 cd	11 W	11.5 W	83	3000K	20°	
EOS maxi CV-4020	1100 lm	3922 cd	11 W	11.5 W	83	4000K	20°	
EOS maxi CV-3030	1000 lm	2729 cd	11 W	11.5 W	83	3000K	30°	
EOS maxi CV-4030	1100 lm	2903 cd	11 W	11.5 W	83	4000K	30°	
EOS maxi CV-3060	1000 lm	901 cd	11 W	11.5 W	83	3000K	60°	
EOS maxi CV-4060	1100 lm	994 cd	11 W	11.5 W	83	4000K	60°	

IP68
[5m]

Power
11.5W

Input
20-24VDC

Material
Stainless Steel
316

CE

20°

30°

60°



Quickinfo

GENERAL
projector
IP 68

LED
SMD LED module
2700K, 3000K, 4000K
CRI > 80, CRI > 90
Bining < 3-Step MacAdam

ESTIMATED LED LIFETIME
L80 / 50,000h

OPTICAL
direct illumination
beam angle 20°, 30°, 60°

PHYSICAL
housing: stainless steel 316

Function

High power projector for architectural grade accent lighting effect. IP68 design with integral thermal management for long life. High precision machining ensures perfect mechanical fit for long life.

The whole fixture is made of stainless steel(316),ensures corrosion free outdoor performance in salty,damp enviornment, especially suitable for underwater lighting. Optional stake mounting offers easy installation and tool free repositioning.

Features

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EP0 Maxi S316
page 402

EOS Maxi
page 412



Body: Stainless steel 316
Glass: tempered glass

Order options

COLOUR TEMPERATURE

2700K
3000K
4000K

COLOUR RENDERING INDEX

CRI 80
CRI 90

LENS

20°Beam

30°Beam

60°Beam

GLASS STYLE

Clear glass
(Standard)

Frosted glass
(Optional)

INSTALLATION STAKE

(Optional)

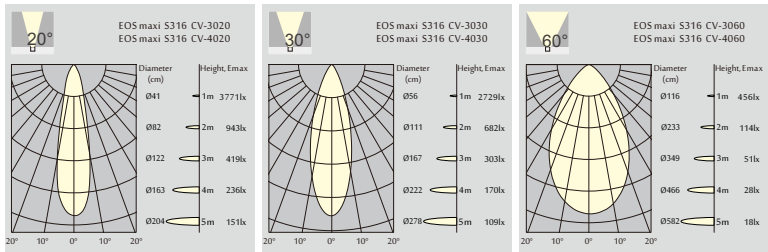
EOS Maxi S316

3000K
(Standard)



Light distribution for 3000K

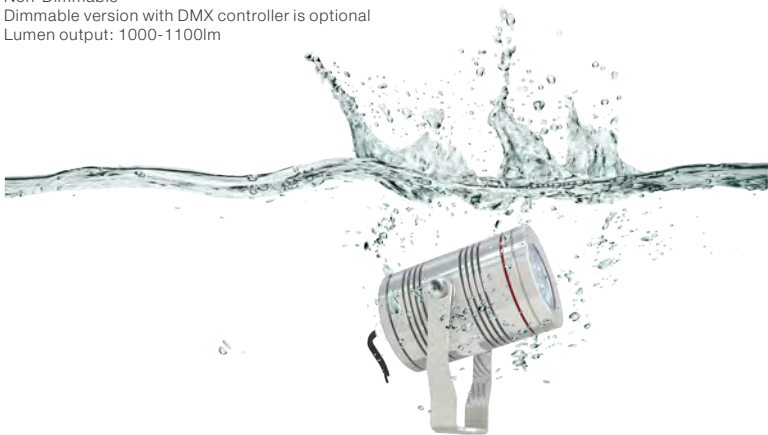
EOS Maxi S316 11 W 1000lm-1100lm



Order Information

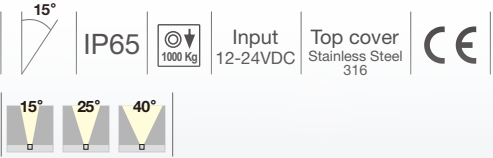
EOS maxi S316 7 LED MODELS (With CREE LED, DC-DC driver / Input 20-24V/DC)						
Code	Lumen output	CD	LED Power	System Power	CRI	CCT
EOS maxi S316 CV-3020	1000 lm	3771 cd	11 W	11.5 W	83	3000K
EOS maxi S316 CV-4020	1100 lm	3922 cd	11 W	11.5 W	83	4000K
EOS maxi S316 CV-3030	1000 lm	2729 cd	11 W	11.5 W	83	3000K
EOS maxi S316 CV-4030	1100 lm	2903 cd	11 W	11.5 W	83	4000K
EOS maxi S316 CV-3060	1000 lm	901 cd	11 W	11.5 W	83	3000K
EOS maxi S316 CV-4060	1100 lm	994 cd	11 W	11.5 W	83	4000K

EOS Maxi CV Outdoor Projector Light Series
External 24VDC LED driver is required
Non-Dimmable
Dimmable version with DMX controller is optional
Lumen output: 1000-1100lm



Efficiency: 87 lm/W
Life time: 50,000 hours (70% Lumen maintenance)
3 Years Guarantee





Quickinfo

GENERAL
underground
IP 65
adjustable
LED
SMD LED module
2700K, 3000K, 4000K
CRI > 80, CRI > 90
Bining < 3-Step MacAdam

ESTIMATED LED LIFETIME

L80 / 50,000h

OPTICAL

direct illumination
beam angle 15°, 25°, 40°

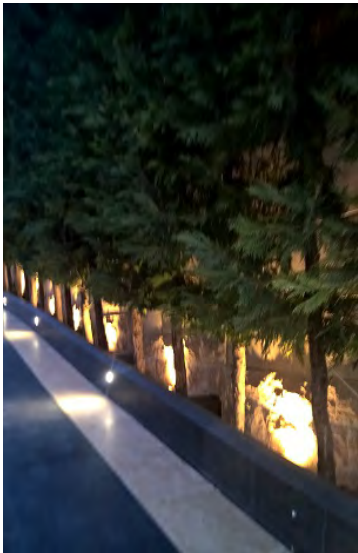
PHYSICAL

top cover: stainless steel 316
body: anodized aluminium

Function

A perfect marker light for in-ground, underwater or outdoor application.
IP65 design with integral thermal management for long life.
Round cover design containing one LED unit that can adjust to 15°, bringing wall washing and greater flexibility.
High precision machining ensures perfect mechanical fit for long life.

8 mm Tempered glass lens support 1,000 kg “driver over” performance, High reliability, maintenance free.
Very low surface temperature lens can be touched without injury
Suitable for indoor applications in bathroom, kitchens, bars when lens may be touched without injury.



Order options

SYSTEM POWER

2W

COLOUR TEMPERATURE

2700K
3000K
4000K

COLOUR RENDERING INDEX

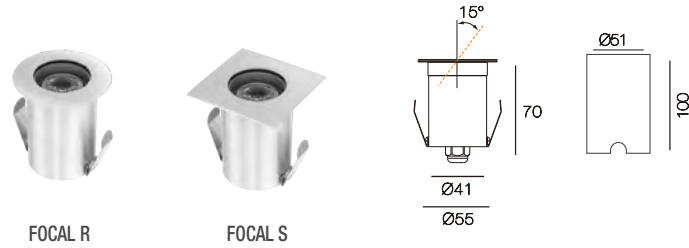
CRI 80
CRI 90

LENS



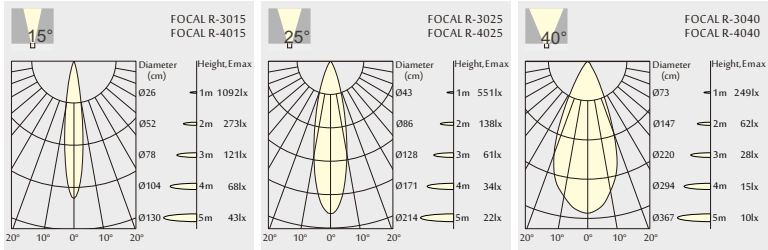
FOCAL

3000K
(Standard)



Light distribution for 3000K

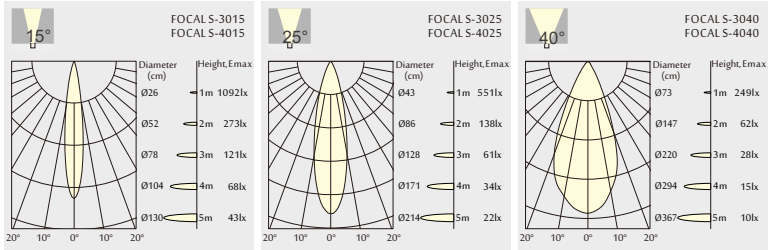
FOCAL R 1.6W



Order Information

FOCAL R 1 LED MODELS (With CREE LED, DC-DC driver / Input 12-24V/DC)							
Code	Lumen output	CD	LED Power	System Power	CRI	CCT	BEAM
FOCAL R-3015	120 lm	1092 cd	1.6 W	2 W	83	3000K	15°
FOCAL R-4015	140 lm	1188 cd	1.6 W	2 W	83	4000K	15°
FOCAL R-3025	120 lm	551 cd	1.6 W	2 W	83	3000K	25°
FOCAL R-4025	140 lm	584 cd	1.6 W	2 W	83	4000K	25°
FOCAL R-3040	120 lm	249 cd	1.6 W	2 W	83	3000K	40°
FOCAL R-4040	140 lm	270 cd	1.6 W	2 W	83	4000K	40°

FOCAL S 1.6W



Order Information

FOCAL S 1 LED MODELS (With CREE LED, DC-DC driver / Input 12-24V/DC)							
Code	Lumen output	CD	LED Power	System Power	CRI	CCT	BEAM
FOCAL S-3015	120 lm	1092 cd	1.6 W	2 W	83	3000K	15°
FOCAL S-4015	140 lm	1188 cd	1.6 W	2 W	83	4000K	15°
FOCAL S-3025	120 lm	551 cd	1.6 W	2 W	83	3000K	25°
FOCAL S-4025	140 lm	584 cd	1.6 W	2 W	83	4000K	25°
FOCAL S-3040	120 lm	249 cd	1.6 W	2 W	83	3000K	40°
FOCAL S-4040	140 lm	270 cd	1.6 W	2 W	83	4000K	40°



Outdoor Lighting Display Case





SOGO SERIES

OUTDOOR LIGHTING



SP9-CV
▶ page 424



SP12-ZOOM-CV
▶ page 426



IG3
▶ page 428



IG1.5-S316-CV
▶ page 430



IG3-CV
▶ page 432



IG1.4-CV
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IG6-ADJ-CV
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IG9-S316-CV
▶ page 438



IG2-0-S316-CV
▶ page 440



DL1-S316-CV
▶ page 442



WL8-AV
▶ page 444



WL4-AV
▶ page 446

SP9-CV
Recessed Ground Light

IP68
[5m]

Input
12-24VDC

Top cover
Stainless Steel
316

CE

15°

25°



Specification

SP9-CV 5W 350lm-400lm

General Data	
Power	5 Watts
LED type	1 PC 5W COB LED
Luminous flux	350~400 lm
CCT	2700K, 3000K, 4000K, 6000K
CRI	80+
Beam angle	25° 15°,
Dimension	42 x 77 (mm) Diameter x Height
Cut out	/
Net weight	0.29 kgs
Warranty	3 years
Certifications	RoHS CE,
Electrical Data	
Input voltage	DC 12V or DC 24V
Insulation class	Class I
Cable	1PC rubber cable 1.5M H05RN-F 3x0.75mm square
Driver	Built-in high voltage constant current driver with transformer

Order options

COLOUR TEMPERATURE

2700K
3000K
4000K

COLOUR RENDERING INDEX

CRI 80
CRI 90

REFLECTOR

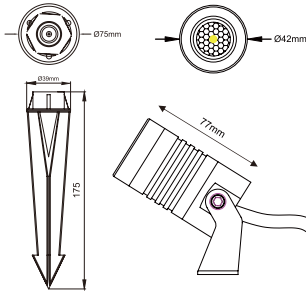


INSTALLATION STAKE



SP9-CV

3000K
(Standard)



Outdoor luminaires

SP12-ZOOM-CV
Recessed Ground Light

IP68
[5m]

Input
12-24VDC

Top cover
Stainless Steel
316

CE

10°~60°



Specification

SP12-ZOOM-CV 12W 500lm-550lm

General Data	
Power	12 Watts
LED type	1 PC 12W COB LED
Luminous flux	500~550 l m
CCT	2700K, 3000K, 4000K, 6000K
CRI	80+
Beam angle	Zoom 10° to 60° adjustable
Dimension	61 x 133 (mm) Diameter x Height
Cut out	/
Net weight	0.62 kgs
Warranty	3 years
Certifications	CE, RoHS
Electrical Data	
Input voltage	DC 12V or DC 24V
Insulation class	Class I
Cable	1PC rubber cable 1.5M H05RN-F 3x0.75mm square
Driver	Built-in high voltage constant current driver with transformer

Order options

COLOUR TEMPERATURE

2700K
3000K
4000K

COLOUR RENDERING INDEX

CRI 80
CRI 90

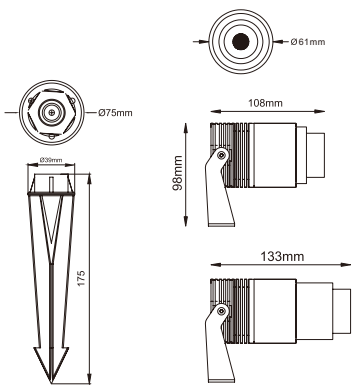
INSTALLATION STAKE



(Optional)

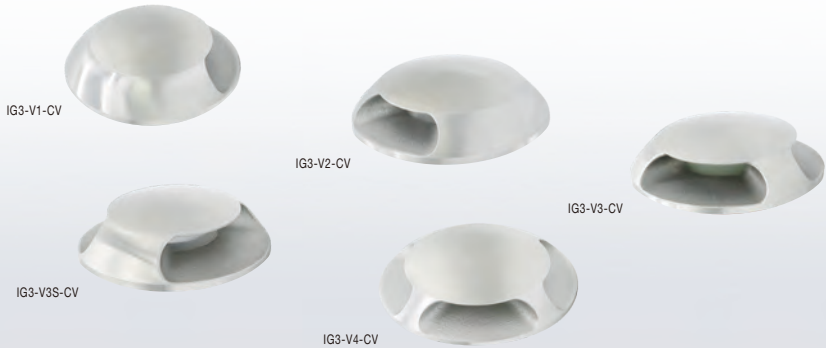
SP12-ZOOM-CV

3000K
(Standard)



Outdoor luminaires

IP67 | Input 12-24VDC | Top cover Stainless Steel 316 | 



Specification

IG3 3W 95lm-100lm

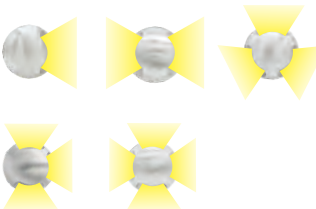
General Data	
Power	3 Watts
LED type	1 PC 3W CREE XPE LED
Luminous flux	95~100 lm
CCT	2700K, 3000K, 4000K, 6000K, R/G/Y/B
CRI	80+
Beam angle	1x100°,2x100°,3x100°,4x100°
Dimension	60x75 (mm) Diameter x Height
Cut out	40 mm
Net weight	0.37 kgs
Warranty	3 years
Certifications	RoHS CE,
Electrical Data	
Input voltage	DC12V~DC24V
Insulation class	Class III
Cable	1PC rubber cable 1.5M H05RN-F 2x0.75mm square
Driver	Low voltage constant current output,excluding the transformer

Order options

COLOUR TEMPERATURE
2700K
3000K
4000K

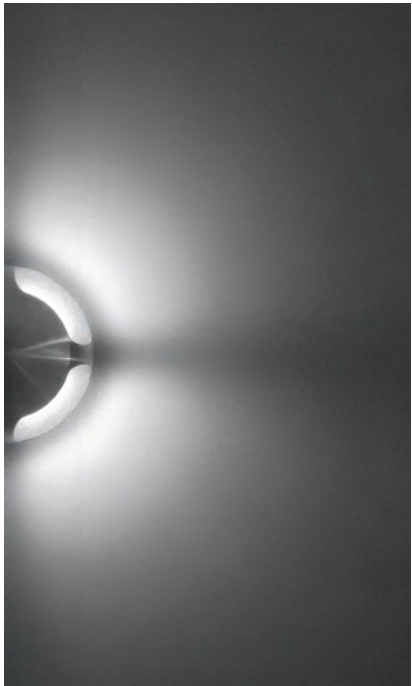
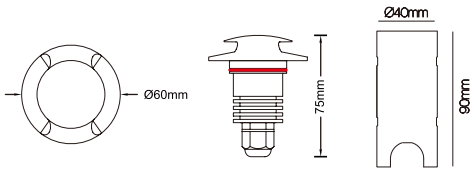
COLOUR RENDERING INDEX
CRI 80
CRI 90

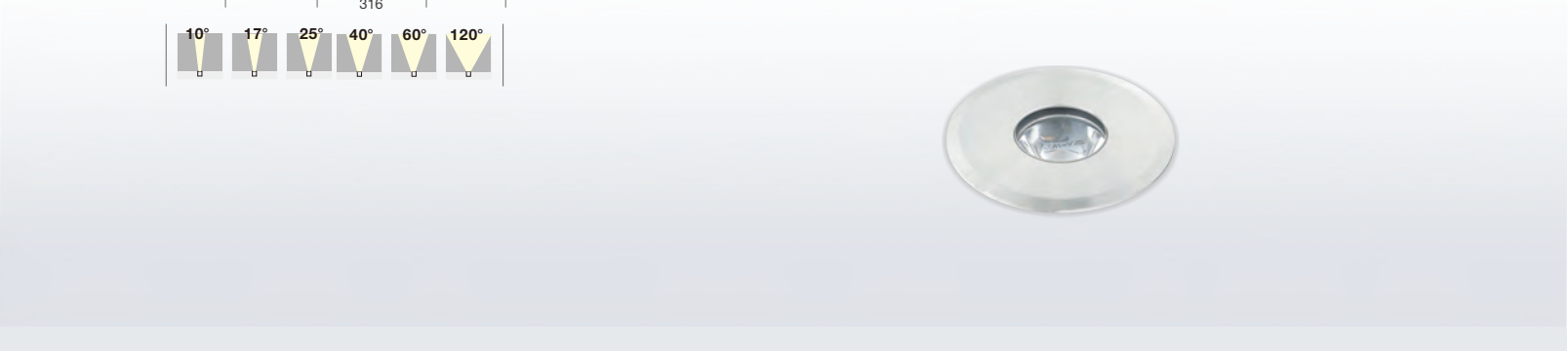
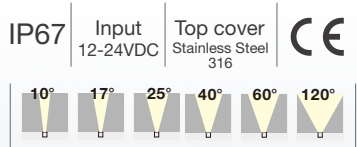
LIGHTING DISTRIBUTION TYPE



IG3

3000K
(Standard)





Specification

IG1.5-S316-CV 1.5W 90lm-95lm

General Data	
Power	1.5 Watts
LED type	1 PC CREE XPE LED
Luminous flux	90~95 lm
CCT	2700K, 3000K, 4000K, 6000K, R/G/B/A
CRI	80+
Beam angle	10°, 17°, 25°, 40°, 60°, 120° optional.
Dimension	45 x 36 (mm) Diameter x Height
Cut out	40 mm
Net weight	0.165 kgs
Warranty	3 years
Certifications	RoHS CE,
Electrical Data	
Input voltage	DC12V/DC24V
Insulation class	Class III
Cable	1PC rubber cable 1.5M H05RN-F 2x0.75mm square
Driver	Low voltage constant current output ,excluding the transformer

Order options

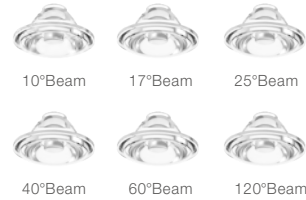
COLOUR TEMPERATURE

2700K
3000K
4000K

COLOUR RENDERING INDEX

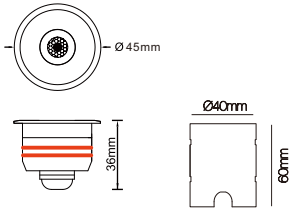
CRI 80
CRI 90

LENS



IG1.5-S316-CV

3000K
(Standard)



Outdoor luminaires

IG3-CV
Recessed Ground Light

IP67

Input
12-24VDC

Top cover
Stainless Steel
316

CE

25°

40°

60°



Specification

IG3-CV 3W 110lm-130lm

General Data	
Power	3 Watts
LED type	1 PC 3W CREE XPE LED
Luminous flux	110-130 l m
CCT	2700K, 3000K, 4000K, 6000K, R/G/Y/B
CRI	80+
Beam angle	25°,40°,60°
Dimension	Ø40x77 (mm) Diameter x length
Cut out	34 mm
Net weight	0.23kgs
Warranty	3 years
Certifications	RoHS CE,
Electrical Data	
Input voltage	DC12V~DC24V
Insulation class	Class III
Cable	1PC rubber cable 1.5M H05RN-F 2x0.75mm square
Driver	Low voltage constant current output,excluding the transformer

Order options

COLOUR TEMPERATURE

2700K
3000K
4000K

COLOUR RENDERING INDEX

CRI 80
CRI 90

LENS

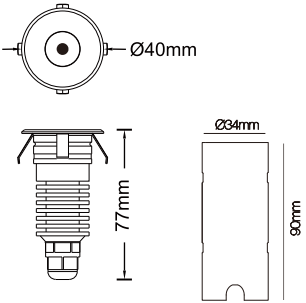
25°Beam

40°Beam

60°Beam

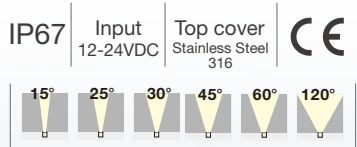
IG3-CV

3000K
(Standard)



Outdoor luminaires

IG1.4-CV
Recessed Ground Light



Specification

IG1.4-CV 1.4W 75lm-80lm

General Data	
Power	1.4 Watts
LED type	1 PC CREE XPE LED
Luminous flux	75-80 lm
CCT	2700, 3000K,4000k,6000k,R/G/Y/B
CRI	80+
Beam angle	15°, 25°, 30°, 45°, 60°, 120°
Dimension	Ø28x44 (mm) Diameter x H-Height
Cut out	25 mm
Net weight	0.072 kgs
Warranty	3 years
Certifications	RoHS CE,
Electrical Data	
Input voltage	DC12V~DC24V
Insulation class	Class III
Cable	1PC rubber cable 0.6M H05RN-F 2x0.75mm square
Driver	Low voltage constant current output,excluding the transformer

Order options

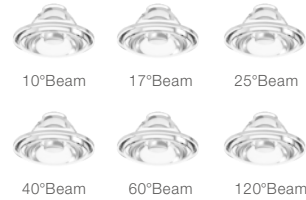
COLOUR TEMPERATURE

2700K
3000K
4000K

COLOUR RENDERING INDEX

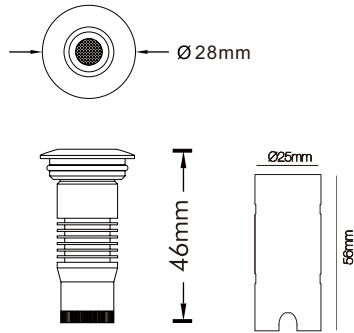
CRI 80
CRI 90

LENS



IG1.4-CV

3000K
(Standard)



Outdoor luminaires

IG6-ADJ-CV
Recessed Ground Light

IP67

Input
12-24VDC

Top cover
Stainless Steel
316

CE

20°

40°

60°



Specification

IG6-ADJ-CV 6W 480lm-540lm

General Data	
Power	6 Watts
LED type	6 PCS 1W CREE XPE LED
Luminous flux	480~540 lm
CCT	2700K, 3000K, 4000K, 6000K, R/G/Y/B
CRI	80+
Beam angle	20°, 40°, 60° (Direction adjustable with 20° at max)
Dimension	116x72 (mm) Diameter x Height
Cut out	100 mm
Net weight	1.253 kgs
Warranty	3 years
Certifications	RoHS CE,
Electrical Data	
Input voltage	DC24V
Insulation class	Class III
Cable	1PC rubber cable 1.5M H05RN-F 2x0.75mm square
Driver	Low voltage constant current output,excluding the transformer

Order options

COLOUR TEMPERATURE

2700K
3000K
4000K

COLOUR RENDERING INDEX

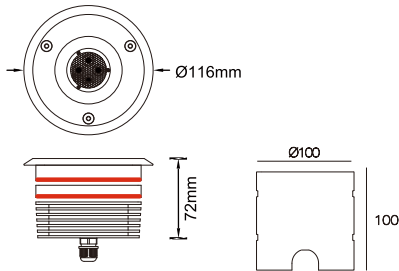
CRI 80
CRI 90

LENS



IG6-ADJ-CV

3000K
(Standard)



Outdoor luminaires

IG9-S316-CV
Recessed Ground Light

IP67

Input
12-24VDC

Top cover
Stainless Steel
316

CE

25°

40°



Specification

IG9-S316-CV 9W 300lm-330lm

General Data	
Power	9 watts
LED type	1 PC 5W COB LED (9W COB LED as options)
Luminous flux	300~330 lm
CCT	2700K, 3000K, 4000K, 6000K, Blue
CRI	80+
Beam angle	25°,40°
Dimension	84 x 48 (mm) Diameter x Height
Cut out	74 mm
Net weight	0.89 kgs
Warranty	3 years
Certifications	RoHS CE,
Electrical Data	
Input voltage	DC12V
Insulation class	Class III
Cable	1PC rubber cable 1.5M H05RN-F 2x0.75mm square
Driver	Low voltage constant current output ,excluding the transformer

Order options

COLOUR TEMPERATURE

2700K
3000K
4000K

COLOUR RENDERING INDEX

CRI 80
CRI 90

LENS

25°Beam

40°Beam

IG9-S316-CV

3000K
(Standard)

84mm

48mm

52mm

Ø74

100



Outdoor luminaires

IP67 | Input 12-24VDC | Top cover Stainless Steel 316 | 



Specification

IG2-O-S316-CV 2W 10lm-12lm

General Data	
Power	2 Watts
LED type	1 PC CREE XPE LED
Luminous flux	10~12 l m
CCT	2700K,3000K, 4000K, 6000K
CRI	80+
Beam angle	120°
Dimension	44 x 40 (mm) Diameter x Height
Cut out	40 mm
Net weight	0.23 kgs
Warranty	3 years
Certifications	CE, RoHS
Electrical Data	
Input voltage	DC12V / DC24V
Insulation class	Class III
Cable	1PC rubber cable 1.5M H05RN-F 2x0.75mm square
Driver	low voltage constant current output,excluding the transformer

Order options

COLOUR TEMPERATURE

2700K
3000K
4000K

COLOUR RENDERING INDEX

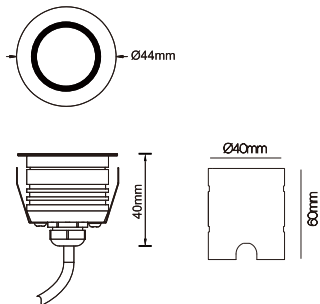
CRI 80
CRI 90

LENS



IG2-O-S316-CV


3000K
(Standard)



IP67 | Input 12-24VDC | Top cover Stainless Steel 316 | 



Specification

DL1-S316-CV 1W 95lm-100lm

General Data	
Power	1 Watt
LED type	1 PC 1W CREE XPE LED
Luminous flux	95~100 lm
CCT	2700K, 3000K, 4000K, 6000K, R/G/Y/B
CRI	80+
Beam angle	120°
Dimension	40 x 12 (mm) Diameter x Height
Cut out	38 mm
Net weight	0.08 kgs
Warranty	3 years
Certifications	RoHS CE,
Electrical Data	
Input voltage	DC 3V
Insulation class	Class III
Cable	1PC PVC cable 0.3M 2x0.34 mm square
Driver	Low voltage constant current output,excluding the transformer

Order options

COLOUR TEMPERATURE

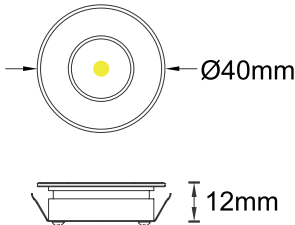
2700K
3000K
4000K

COLOUR RENDERING INDEX

CRI 80
CRI 90

DL1-S316-CV

3000K
(Standard)



Outdoor luminaires

IP67 | Input
100-256V AC | CE



Specification

WL8-AV 8W 380lm-400lm

General Data	
Power	8 Watts
LED type	30 pcs 2835 SMD LED
Luminous flux	380~400 l m
CCT	2700K,3000K, 4000K, 6000K
CRI	80+
Beam angle	Asymmetric downward 120°
Dimension	182x81x43 mm (Length x Wide x Height)
Cut out	173 x 65 x 54.5 mm
Net weight	0.450 kgs
Warranty	3 years
Certifications	RoHS CE,
Electrical Data	
Input voltage	AC100~265V
Insulation class	Class I
Cable	1 x cable 0.3 M H05RN-F 3x0.75mm square to open wires
Driver	Built-in high voltage constant current driver with transformer

Order options

COLOUR TEMPERATURE

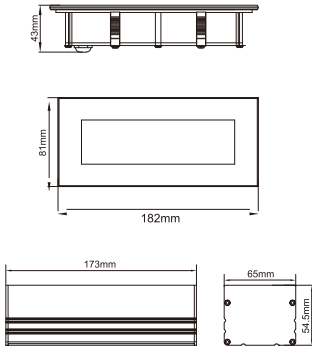
2700K
3000K
4000K

COLOUR RENDERING INDEX

CRI 80
CRI 90

WL8-AV

3000K
(Standard)



Outdoor luminaires

IP67 | Input
100-256V AC | CE



Specification

WL4-AV 1.6W 100lm-120lm

General Data	
Power	4 Watts
LED type	30 pcs 2835 SMD LED
Luminous flux	100~120 lm
CCT	2700K, 3000K, 4000K, 6000K
CRI	80+
Beam angle	120°
Dimension	105x81x40 mm (Length x Wide x Height)
Cut out	100 x 58 x 50 mm
Net weight	0.369 kgs
Warranty	
Certifications	RoHS CE,
Electrical Data	
Input voltage	AC100~240V
Insulation class	Class I
Cable	1 x cable 0.3 M H05RN-F 3x0.75mm square to open wires
Driver	Built-in high voltage constant current driver with transformer

Order options

COLOUR TEMPERATURE

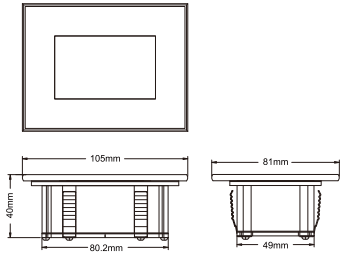
2700K
3000K
4000K

COLOUR RENDERING INDEX

CRI 80
CRI 90

WL4-AV

3000K
(Standard)







ISO9001