OCTA LIGHT®
OCTA LIGHT INTERNATIONAL SJSC

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LED · RoHS COMPLIANT · MADE IN EU · CE · LM80 · 60 Months Warranty · IP 20 · IP 44 · IK 02 · 0-10 V OPTIONAL · DALI OPTIONAL · 100 lm/W · RECESSED STANDARD · 3 Hours Emergency OPTIONAL · Tilt / Rotate

ESTRELLA C Series

Recessed Mounted Fixed And Adjustable Round LED Downlights

GUARANTEE / WARRANTY

5 years extended guarantee

HIGHLIGHTS & BENEFITS

- Energy-efficient recessed mounted LED downlight fixture
- Delivered system efficiency of 100 lm/W
- Wide range of sizes to fit any room
- No UV light emission, no mercury
- Available in Cool, Neutral & Warm White Color Temperatures
- Adjustable light direction model is available, directing light where it is needed most, providing maximum illumination and minimal wasted light
- High color rendering, making colors appear more vibrant and accurate
- Anti-glare design, preventing unwanted glare and ensuring a comfortable lighting experience
- Maintenance free, reducing operating costs and ensuring a long lifespan
- Modern design that complements any interior style
- Wide beam angle is available for even illumination throughout the entire room
- Perfect for retail, residential and commercial decorative lighting applications
- Ideal solution for general and accent interior lighting applications

FEATURES

Operating voltage	220 - 240 V AC 50/60 Hz
IP rating	IP20, IP44 (Optional)
IK rating	IK02
LED package used	OCTALED
Dimmable	Yes DALI or 0-10V (Optional)
LED lifetime	70 000 h L90B10
Color rendering index	Ra>80, Ra>90 (Optional)
SDCM (MacAdam)	<3
Flicker	<5%
Power factor	>0.95
Emergency version	Yes 3 hours or CBS (optional)
Options and accessories	3HR,CBS,WH,BK,B,W,S,G,P44

ADDITIONAL INFORMATION

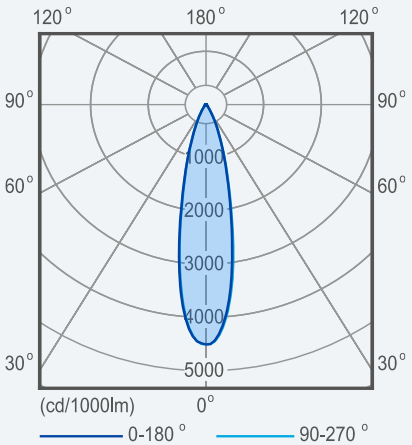
Type of installation	Recessed
Housing material	Aluminum
Optical system	COB lens + antiglare reflector
Housing color	White or black
Operating temperature	-20°C to +45°C
Relative humidity	<90%
Electric class	I

PRODUCT SELECTION

Product order code (OC)	Power	Lumen output lm CW	lm NW	lm WW	Efficiency *for 840	Input current	Dimensions DxH, mm
ESTCBSC090009Y8 CC	9W	900	900	810	100 lm/W	42 mA	Ø90x110
ESTCBSC090012Y8 CC	12W	1,200	1,200	1,080	100 lm/W	55 mA	Ø90x110
ESTCBSC110015Y8 CC	15W	1,500	1,500	1,350	100 lm/W	69 mA	Ø110x140
ESTCBSC110020Y8 CC	20W	2,000	2,000	1,800	100 lm/W	92 mA	Ø110x140
ESTCBSC134025Y8 CC	25W	2,500	2,500	2,250	100 lm/W	115 mA	Ø134x153
ESTCBSC134030Y8 CC	30W	3,000	3,000	2,700	100 lm/W	138 mA	Ø134x153
ESTCBSC140015Y8 CC	15W	1,500	1,500	1,350	100 lm/W	69 mA	Ø140x155
ESTCBSC140020Y8 CC	20W	2,000	2,000	1,800	100 lm/W	92 mA	Ø140x155
ESTCBSC160025Y8 CC	25W	2,500	2,500	2,250	100 lm/W	115 mA	Ø160x178
ESTCBSC160030Y8 CC	30W	3,000	3,000	2,700	100 lm/W	138 mA	Ø160x178
ESTCBSC190030Y8 CC	30W	3,000	3,000	2,700	100 lm/W	138 mA	Ø190x210
ESTCBSC190035Y8 CC	35W	3,500	3,500	3,150	100 lm/W	161 mA	Ø190x210

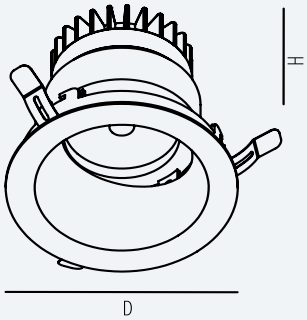
COLOR TEMPERATURE SELECTION

Correlated color temperatures CC			
2700 K	27	Warm White	WW
3000 K	30	Warm White	WW
4000 K	40	Neutral White	NW
5700 K	57	Cool White	CW
6500 K	65	Cool White	CW



Optics:

Code Y	Beam angle
015	Beam angle 15°
024	Beam angle 24°
038	Beam angle 38°
060	Beam angle 60°



Options and accessories

Suffix to OC	Description
3HR	3 hours battery pack
CBS	Addr.mod.for central battery system
WH	White housing color
BK	Black housing color
B	Black reflector
W	White reflector
S	Silver reflector
G	Gold reflector
P44	Custom IP44

LED DRIVERS

Standard LED Driver	Premium constant current LED driver
DALI driver	DAL suffix to order code
1-10V dim. LED Driver	DIM suffix to order code

WIRING INFORMATION

Cable/Flying Lead	None
Type of wiring required	Parallel to mains supply votlage

Octa Light International is a completely vertically integrated manufacturer of LED packages, LED modules, LED lamps and LED luminaires. The company was established in 2010 as the first Light Emitting Diodes (LED) manufacturer with production based entirely in the EU. Company's LED portfolio includes powerful high-brightness light emitting diodes, last generation of low-power & mid-power LEDs, wide range of COBs, and innovative AC LED modules, as well as special application LEDs. We are constantly expanding our LEDs range to bring highest performance and quality of light sources. Our business scope includes OEM and ODM supply of LED packages, LED engines, luminaires and lamps.

Octa Light International offers also complete lighting solutions accomplishing variety of lighting projects with own range of luminaires. Further to its core lighting business the company offers Contract Electronics Manufacturing /CEM/ for key industries.

The technical information has been gathered with utmost diligence. Octa Light International maintains accuracy on all measurements within ±5%. Specifications are subject to change without notice.