



OCTA LIGHT INTERNATIONAL SJSC

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ESTRELLA SQ Series

Surface Mounted Fixed Square LED Downlights

GUARANTEE / WARRANTY

5 years extended guarantee

HIGHLIGHTS & BENEFITS

- ▶ Elegant square shape surface downlight LED luminaire
- ▶ Delivered system efficiency of 100 lm/W
- ▶ Multiple of housing sizes and luminous power combinations
- ▶ No UV light emission, no mercury
- ▶ Available in Cool, Neutral & Warm White Color Temperatures
- ▶ High color rendering, making colors appear more vibrant and accurate
- ▶ Modern design that complements any interior style
- ▶ Weatherproof design, perfect for interior and exterior applications
- ▶ Maintenance free, reducing operating costs and ensuring a long lifespan
- ▶ Ideal solution for general and accent interior lighting applications

FEATURES

Operating voltage	220 - 240 V AC 50/60 Hz
IP rating	IP65
IK rating	IK02
LED package used	OCTALED
Dimmable	No
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	No
Options and accessories	BK,WH,B,W

ADDITIONAL INFORMATION

Type of installation	Surface ceiling
Housing material	Aluminum
Optical system	Faceted reflector + PMMA/glass cover
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			Efficiency *for 840	Input current	Dimensions DxH, mm
		lm CW	lm NW	lm WW			
ESTSQBSC0900058 CC	5W	500	500	450	100 lm/W	23 mA	∅90x140
ESTSQBSC0900078 CC	7W	700	700	630	100 lm/W	33 mA	∅90x140
ESTSQBSC0900098 CC	9W	900	900	810	100 lm/W	42 mA	∅90x140
ESTSQBSC1200108 CC	10W	1,000	1,000	900	100 lm/W	46 mA	∅120x140
ESTSQBSC1200128 CC	12W	1,200	1,200	1,080	100 lm/W	55 mA	∅120x140
ESTSQBSC1500128 CC	12W	1,200	1,200	1,080	100 lm/W	55 mA	∅150x150
ESTSQBSC1500158 CC	15W	1,500	1,500	1,350	100 lm/W	69 mA	∅150x150

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
6000 K	60	Cool White CW

Options and accessories

Suffix to OC	Description
BK	Black housing color
WH	White housing color
B	Black reflector
W	White reflector

LED DRIVERS

Standard LED Driver	Premium constant current LED driver
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WIRING INFORMATION

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

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.

