



OCTA LIGHT INTERNATIONAL SJSC

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ESTRELLA Q2 Series

Recessed Mounted Fixed and Adjustable Square LED Downlights

GUARANTEE / WARRANTY

5 years extended guarantee

HIGHLIGHTS & BENEFITS

- ▶ Energy-efficient recessed mounted LED downlight fixture
- ▶ Delivered system efficiency of 90 lm/W
- ▶ Wide range of sizes to fit any room
- ▶ No UV light emission, no mercury
- ▶ Available in Cool, Neutral & Warm White Color Temperatures
- ▶ 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
- ▶ Middle 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
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,HCS,SLD,DB,AB,MS,IV,LS,TG,CTC,ZWC

ADDITIONAL INFORMATION

Type of installation	Recessed
Housing material	Die-cast aluminum heatsink
Optical system	COB Lens + antiglare reflector w/ standard beam angle 25°
Housing color	Grey
Operating temperature	-20°C to +45°C
Relative humidity	<70%
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			
ESTQ2085010Y8 CC	10W	900	900	810	90 lm/W	46 mA	ø85x95
ESTQ2085012Y8 CC	12W	1,080	1,080	972	90 lm/W	55 mA	ø85x95

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

Optics:

Code Y	Beam angle
016	Beam angle 16°
025	Beam angle 25°
035	Beam angle 35°

Options and accessories

Suffix to OC	Description
3HR	3 hours battery pack
CBS	Addr.mod.for central battery system
HCS	Honeycomb shield
SLD	Soft light optical diffuser
DB	Dazzling black reflector
AB	Agate black reflector
MS	Moonlight silver reflector
IV	Ivory reflector
LS	Linen silver reflector
TG	Local tyrant gold reflector
CTC	Color temperature change
ZWC	Zigbee wireless control

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 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.

