



OCTA LIGHT INTERNATIONAL SJSC

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CRO Series

Surface Mounted Fixed Square LED Downlights

FEATURES

Operating voltage	200 - 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>90
SDCM (MacAdam)	<3
Flicker	<5%
Power factor	>0.95
Emergency version	No

ADDITIONAL INFORMATION

Type of installation	Surface ceiling
Housing material	Die-cast aluminum
Optical system	Mirror reflector with standard beam angle 24°
Housing color	White
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			
CROBSC062005Y9 CC	5 W	425	425	383	85 lm/W	23 mA	ø62x62
CROBSC081010Y9 CC	10 W	850	850	765	85 lm/W	46 mA	ø81x81
CROBSC100018Y9 CC	18 W	1,530	1,530	1,377	85 lm/W	83 mA	ø100x70
CROBSC119025Y9 CC	25 W	2,125	2,125	1,913	85 lm/W	115 mA	ø119x78

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

Optics:

Code Y	Beam angle
015	Beam angle 15°
024	Beam angle 24°

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.

GUARANTEE / WARRANTY

5 years extended guarantee

HIGHLIGHTS & BENEFITS

- ▶ Elegant square shape surface LED downlight luminaire
- ▶ Delivered system efficiency of 85 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
- ▶ Stylish designs that can enhance any indoor space and make a statement
- ▶ Maintenance free, reducing operating costs and ensuring a long lifespan
- ▶ Suitable for retail areas, corridors, staircases, office and living areas
- ▶ Ideal solution for general and accent interior lighting applications

