



OCTA LIGHT®
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ESTRELLA R Series

Recessed Mounted 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
- ▶ Multiple of housing sizes and luminous power combinations
- ▶ No UV light emission, no mercury
- ▶ Available in Cool, Neutral & Warm White Color Temperatures
- ▶ Capability to adjust light direction, providing maximum illumination and minimal wasted light
- ▶ High CRI that giving excellent color reproduction, ideal for use in areas like living rooms, kitchens, and art studios
- ▶ 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, BK, WH, B, W, S, G, P44

ADDITIONAL INFORMATION

Type of installation	Recessed
Housing material	Aluminum
Optical system	Reflector + clear PMMA/glass cover w/ standard 36°
Housing color	White or black
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			
ESTR085005Y8 CC	5W	500	500	450	100 lm/W	23 mA	Ø85x76
ESTR090007Y8 CC	7W	700	700	630	100 lm/W	33 mA	Ø90x75
ESTR090009Y8 CC	9W	900	900	810	100 lm/W	42 mA	Ø90x75
ESTR090010Y8 CC	10W	1,000	1,000	900	100 lm/W	46 mA	Ø90x73
ESTR090012Y8 CC	12W	1,200	1,200	1,080	100 lm/W	55 mA	Ø90x73
ESTR110012Y8 CC	12W	1,200	1,200	1,080	100 lm/W	55 mA	Ø110x90
ESTR110015Y8 CC	15W	1,500	1,500	1,350	100 lm/W	69 mA	Ø110x90
ESTR110015Y8 CC	15W	1,500	1,500	1,350	100 lm/W	69 mA	Ø110x87
ESTR110018Y8 CC	18W	1,800	1,800	1,620	100 lm/W	83 mA	Ø110x87
ESTR114012Y8 CC	12W	1,200	1,200	1,080	100 lm/W	55 mA	Ø114x100
ESTR114015Y8 CC	15W	1,500	1,500	1,350	100 lm/W	69 mA	Ø114x100
ESTR135025Y8 CC	25W	2,500	2,500	2,250	100 lm/W	115 mA	Ø135x115
ESTR135030Y8 CC	30W	3,000	3,000	2,700	100 lm/W	138 mA	Ø135x115
ESTR138025Y8 CC	25W	2,500	2,500	2,250	100 lm/W	115 mA	Ø138x125
ESTR138030Y8 CC	30W	3,000	3,000	2,700	100 lm/W	138 mA	Ø138x125
ESTR140020Y8 CC	20W	2,000	2,000	1,800	100 lm/W	92 mA	Ø140x120
ESTR140025Y8 CC	25W	2,500	2,500	2,250	100 lm/W	115 mA	Ø140x120
ESTR165030Y8 CC	30W	3,000	3,000	2,700	100 lm/W	138 mA	Ø165x145
ESTR165035Y8 CC	35W	3,500	3,500	3,150	100 lm/W	161 mA	Ø165x150
ESTR165040Y8 CC	40W	4,000	4,000	3,600	100 lm/W	184 mA	Ø165x150
ESTR165035Y8 CC	35W	3,500	3,500	3,150	100 lm/W	161 mA	Ø165x143
ESTR165040Y8 CC	40W	4,000	4,000	3,600	100 lm/W	184 mA	Ø165x143
ESTR190040Y8 CC	40W	4,000	4,000	3,600	100 lm/W	184 mA	Ø190x155
ESTR190045Y8 CC	45W	4,500	4,500	4,050	100 lm/W	206 mA	Ø190x155
ESTR190040Y8 CC	40W	4,000	4,000	3,600	100 lm/W	184 mA	Ø190x175
ESTR190050Y8 CC	50W	5,000	5,000	4,500	100 lm/W	229 mA	Ø190x175

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°
036	Beam angle 36°
038	Beam angle 38°
045	Beam angle 45°
060	Beam angle 60°

Options and accessories

Suffix to OC	Description
3HR	3 hours battery pack
CBS	Addr.mod.for central battery system
BK	Black housing color
WH	White 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	DALI 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.

