



OCTA LIGHT BULGARIA JSC

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GSR Series

Inground Recessed LED Uplight

GUARANTEE / WARRANTY

5 years extended guarantee

HIGHLIGHTS & BENEFITS

- ▶ Innovative recessed in-ground LED luminaire
- ▶ Delivered system efficiency of 100 lm/W
- ▶ Weatherproof design for outdoor applications
- ▶ An in-ground mounting that is recessed with provided sleeves for easy installation and protection to the luminaire against weather elements, and vandalism
- ▶ Available in RGB, RGBA, Cool, Neutral & Warm White Color Temperatures
- ▶ Available in a range of beam angles to customize the direction and spread of the light
- ▶ Long lifespan up to 70,000 hours, reduces maintenance costs and improves overall energy efficiency
- ▶ Optional tilt adjustable and rotatable
- ▶ Optional 0-10V and DALI dimming capabilities that can customize the lighting level to fit any occasion
- ▶ Come in a variety of sizes to fit design preferences
- ▶ Providing a subtle and unobtrusive lighting solution for a variety of outdoor applications
- ▶ Suitable for outdoor ambients, facades, and general lighting applications
- ▶ Perfect for exterior walkways, gardens, pathways, driveways, and entrance gates

FEATURES

Operating voltage	198 - 264 V AC 50/60 Hz (12/24 V DC Optional)
IP rating	IP65
IK rating	IK10
LED package used	OCTALED
Dimmable	Yes DALI, 0-10V or DMX (Optional)
LED lifetime	70 000 h L90B10
Color rendering index	Ra>80
SDCM (MacAdam)	<3
Flicker	<5%
Power factor	>0.95
Emergency version	No
Options and accessories	DMX, RGB, RGBA, 12V, 24V

ADDITIONAL INFORMATION

Type of installation	Recessed
Housing material	Stainless steel
Optical system	Lens + reflector + tempered glass cover w/ std. angle 60°
Housing color	Aluminum silver
Operating temperature	-30°C to +50°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			
GSRBSC130006Y8 CC	6W	600	600	540	100 lm/W	28 mA	Ø130x139
GSRBSC130009Y8 CC	9W	900	900	810	100 lm/W	42 mA	Ø130x139
GSRBSC160012Y8 CC	12W	1 200	1 200	1 080	100 lm/W	55 mA	Ø160x154
GSRBSC160015Y8 CC	15W	1 500	1 500	1 350	100 lm/W	69 mA	Ø160x154
GSRBSC200016Y8 CC	16W	1 600	1 600	1 440	100 lm/W	74 mA	Ø200x175
GSRBSC200020Y8 CC	20W	2 000	2 000	1 800	100 lm/W	92 mA	Ø200x175
GSRBSC260018Y8 CC	18W	1 800	1 800	1 620	100 lm/W	83 mA	Ø260x196
GSRBSC260024Y8 CC	24W	2 400	2 400	2 160	100 lm/W	110 mA	Ø260x196

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
4500 K	45	Neutral White NW
5700 K	57	Cool White CW
6500 K	65	Cool White CW

Optics:

Code Y	Beam angle
030	Beam angle 30°
045	Beam angle 45°
060	Beam angle 60°
090	Beam angle 90°

Options and accessories

Suffix to OC	Description
DMX	DMX control
RGB	RGB (CC code = 88)
RGBA	RGB Amber (CC code = 86)
12V	Input power 12V DC
24V	Input power 24V DC

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 Bulgaria 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 Bulgaria 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.

