



OCTA LIGHT BULGARIA JSC

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GUARANTEE / WARRANTY
5 years extended guarantee

HIGHLIGHTS & BENEFITS

- ▶ Energy efficient spot projector LED luminaire
- ▶ Delivered system efficiency of 100 lm/W
- ▶ Adjustable heads to direct light where it is needed most, providing maximum illumination
- ▶ Multiple mounting options, can be mounted on walls and other surfaces
- ▶ Available in Cool, Neutral & Warm White Color Temperatures
- ▶ Available in a range of beam angles to customize the direction and spread of the light
- ▶ High ingress protection, resistant to dust, water, and other environmental factors
- ▶ Powder-coated external finish, resistant to UV and Oxidation
- ▶ Optional 0-10V and DALI dimming capabilities that can customize the lighting level to fit any occasion
- ▶ Long lifespan up to 70,000 hours, reducing maintenance costs and downtime
- ▶ Come in a variety of sizes and power combinations to suit specific needs and preferences
- ▶ Ideal solution for façades, shopping malls, parks, advertising boards and any commercial locations

GFL Series
Architectural LED Spotlights

FEATURES

Operating voltage	198 - 264 V AC 50/60 Hz
IP rating	IP65
IK rating	IK05
LED package used	OCTALED
Dimmable	Yes DALI or 0-10V (Optional)
LED lifetime	70 000 h L90B10
Color rendering index	Ra>80
SDCM (MacAdam)	<3
Flicker	<5%
Power factor	>0.95
Emergency version	No

ADDITIONAL INFORMATION

Type of installation	Surface
Housing material	Aluminum
Optical system	Lens with standard beam angle 15°
Operating temperature	-30°C to +50°C
Relative humidity	<90%
Electric class	I

PRODUCT SELECTION

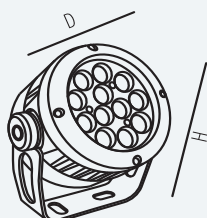
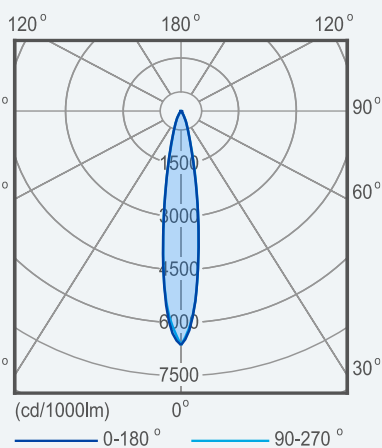
Product order code (OC)	Power	Lumen output			Efficiency *for 840	Input current	Dimensions DxH, mm
		lm CW	lm NW	lm WW			
GFLBSC1401018Y8 CC	18W	1 800	1 800	1 620	100 lm/W	83 mA	Ø140x160
GFLBSC1401024Y8 CC	24W	2 400	2 400	2 160	100 lm/W	110 mA	Ø140x160
GFLBSC1851024Y8 CC	24W	2 400	2 400	2 160	100 lm/W	110 mA	Ø185x191
GFLBSC1851036Y8 CC	36W	3 600	3 600	3 240	100 lm/W	165 mA	Ø185x191
GFLBSC2151036Y8 CC	36W	3 600	3 600	3 240	100 lm/W	165 mA	Ø215x200
GFLBSC2151050Y8 CC	50W	5 000	5 000	4 500	100 lm/W	229 mA	Ø215x200

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
015	Beam angle 15°
030	Beam angle 30°
045	Beam angle 45°
060	Beam angle 60°
120	Beam angle 120°



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 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.