



OCTA LIGHT BULGARIA JSC

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## LGR 03 Series

### LED Steplight

#### GUARANTEE / WARRANTY

5 years extended guarantee

#### HIGHLIGHTS & BENEFITS

- ▶ High performance recessed in-ground LED luminaire
- ▶ Delivered system efficiency of 70 lm/W
- ▶ Weatherproof design for outdoor applications
- ▶ Provide with mounting sleeves for easy installation and protection to the luminaire against weather elements, and vandalism
- ▶ Available in Cool, Neutral & Warm White Color Temperatures
- ▶ Made with high-quality materials, built to last, providing a long lifespan and free maintenance
- ▶ Multiple sizes and luminous power combinations to fit any design
- ▶ Covered with high-quality tempered glass that increases strength, scratch resistance, and ease of cleaning
- ▶ Constructed with durable materials that can withstand exposure to the elements and resist corrosion
- ▶ Suitable for outdoor ambients, facades, and general lighting applications
- ▶ Perfect for exterior walkways, steps, gardens, pathways, driveways, and entrance gates

#### FEATURES

Operating voltage	198 - 264 V AC 50/60 Hz (12V DC optional)
IP rating	IP67
IK rating	IK08
LED package used	OCTALED
Dimmable	DMX (Optional)
LED lifetime	45 000 h L90B10
Color rendering index	Ra>80
SDCM (MacAdam)	<3
Flicker	<5%
Power factor	>0.95
Emergency version	No
Options and accessories	DMX, RGB

#### ADDITIONAL INFORMATION

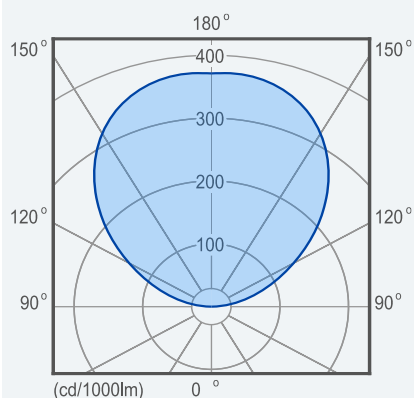
Type of installation	Ground recessed
Housing material	Stainless steel
Optical system	Lens + transparent or Frosted tempered glass cover
Housing color	Aluminum silver
Operating temperature	-30°C to +50°C
Relative humidity	<90%
Electric class	I

#### PRODUCT SELECTION

Product order code (OC)	Power	Lumen output			Efficiency * for 840	Input current	Dimensions AxBxC, mm
		lm CW	lm NW	lm WW			
LGR03BSC02300068 CC	6W	420	420	378	70 lm/W	28 mA	230x115x105

#### 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



#### LED DRIVERS

Standard LED Driver	Premium constant current LED driver
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#### 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.

