



OCTA LIGHT INTERNATIONAL SJSC

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## RGL 31 Series

Post LED Luminaires

### GUARANTEE / WARRANTY

5 years extended guarantee

### HIGHLIGHTS & BENEFITS

- High energy efficiency park and garden LED luminaire
- Delivered system efficiency of 150 lm/W
- No upwards or UV light emission
- High-quality LEDs that deliver bright and even illumination, creating a welcoming ambiance in any outdoor space
- Available in Cool, Neutral & Warm White Color Temperatures
- Constructed with durable materials that can withstand exposure to the elements and resist corrosion
- High ingress protection design, resistant to dust, water, and other environmental factors
- Designed to withstand harsh weather conditions and physical impacts, ensuring reliability and long-lasting
- Long lifespan up to 70,000 hours, reducing maintenance costs and downtime
- Ideal solution for pathways, walkways, parks, gardens, city centers, living areas and commercial properties

### FEATURES

Operating voltage	220 - 240 V AC 50/60 Hz
IP rating	IP66
IK rating	IK10
LED package used	OCTALED
Dimmable	No
LED lifetime	70 000 h L90B10
Color rendering index	Ra>70, Ra>80 (Optional)
SDCM (MacAdam)	<3
Flicker	<5%
Power factor	>0.95
Emergency version	No
Options and accessories	NEM

### ADDITIONAL INFORMATION

Type of installation	Post top
Housing material	Die-cast aluminum
Optical system	Lens/tempered glass diffuser
Housing color	Silver grey
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			
RGL31PRE0307 CC	30W	4,500	4,500	4,050	150 lm/W	138 mA	Ø500x635
RGL31PRE0407 CC	40W	6,000	6,000	5,400	150 lm/W	184 mA	Ø500x635
RGL31PRE0607 CC	60W	9,000	9,000	8,100	150 lm/W	275 mA	Ø500x635

### COLOR TEMPERATURE SELECTION

Correlated color temperatures CC		
3000 K	30	Warm White WW
4000 K	40	Neutral White NW
5700 K	57	Cool White CW

### Options and accessories

Suffix to OC	Description
NEM	NEMA 7 connector

### 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 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.

