



OCTA LIGHT INTERNATIONAL SJSC

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GUARANTEE / WARRANTY
5 years extended guarantee

HIGHLIGHTS & BENEFITS

- ▶ Energy-efficient LED flood light
- ▶ Delivered system efficiency of 170 lm/W
- ▶ Deliver high brightness and even illumination, ideal option for outdoor lighting applications
- ▶ Multiple sizes and luminous power combinations
- ▶ Available in Cool, Neutral & Warm White Color Temperatures
- ▶ Stainless steel parts and components that pass 500-hours salt test and hence applicable harsh outdoor environment
- ▶ Dimming and wireless control available
- ▶ Built to last with a long lifespan, minimizing the need for frequent replacements
- ▶ Various mounting options, including pole-mounted, surface-mounted, and wall-mounted, giving flexibility in installation
- ▶ Powder-coated external finish, resistant to UV and oxidation
- ▶ Ideal for building facades, parks, gardens, monuments, outdoor advertising boards

PR Series
LED Floodlights

FEATURES

Operating voltage	198 - 264 V AC 50/60 Hz
IP rating	IP66
IK rating	IK08
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/tempered glass cover with standard beam angle 60°
Housing color	Black
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			
PRUHE010Y8 CC	10W	1,700	1,700	1,530	170 lm/W	46 mA	182x122x47
PRUHE020Y8 CC	20W	3,400	3,400	3,060	170 lm/W	92 mA	242x169x51
PRUHE030Y8 CC	30W	5,100	5,100	4,590	170 lm/W	138 mA	282x204x52
PRUHE050Y8 CC	50W	8,500	8,500	7,650	170 lm/W	229 mA	337x369x52
PRUHE080Y8 CC	80W	13,600	13,600	12,240	170 lm/W	367 mA	394x394x56
PRUHE100Y8 CC	100W	17,000	17,000	15,300	170 lm/W	458 mA	394x394x56
PRUHE150Y8 CC	150W	25,500	25,500	22,950	170 lm/W	687 mA	445x392x56
PRUHE200Y8 CC	200W	34,000	34,000	30,600	170 lm/W	916 mA	497x392x56
PRUHE250Y8 CC	250W	42,500	42,500	38,250	170 lm/W	1145 mA	503x545x64
PRUHE300Y8 CC	300W	51,000	51,000	45,900	170 lm/W	1373 mA	503x545x64

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
010	Beam angle 10°
025	Beam angle 25°
060	Beam angle 60°
090	Beam angle 90°
11040	Beam angle 110°x40°
150115	Beam angle 150°x115°
6520	Beam angle 65°x20°

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 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.

