



OCTA LIGHT BULGARIA JSC

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PRS Series Canopy LED Luminaires

GUARANTEE / WARRANTY

5 years extended guarantee

HIGHLIGHTS & BENEFITS

- ▶ Cost-efficient canopy LED luminaire
- ▶ Delivered system efficiency of 150 lm/W
- ▶ High output luminaire, providing ample illumination for large spaces
- ▶ Microwave and PIR sensors are available as optional, which activate the light when motion is detected, providing added security and convenience
- ▶ Available in Cool, Neutral & Warm White Color Temperatures
- ▶ Multiple functions of installations, including recessed mounted, surface mounted with adapter plate and G 3/4 conduit mounted
- ▶ Aluminum die-cast heat sink light weight design
- ▶ Optional 0-10V and DALI dimming capabilities that can customize the lighting level to fit any occasion
- ▶ Ideal solution for gas station, underground parking lot, warehouse, industrial facilities, and toll stations

FEATURES

Operating voltage	220 - 240 V AC 50/60 Hz
IP rating	IP65
IK rating	IK08
LED package used	OCTALED
Dimmable	Yes DALI or 0-10V (Optional)
LED lifetime	100 000 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	MWS, PIR, SAP, RAM

ADDITIONAL INFORMATION

Type of installation	Surface ceiling or rod adapter
Housing material	Die-cast aluminum heat sink
Optical system	Lens + tempered glass diffuser w/ standard beam angle 120°
Housing color	White RAL9016
Operating temperature	-30°C to +50°C
Relative humidity	<80%
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			
PRSPRE075Y7 CC	75W	11 250	11 250	10 125	150 lm/W	344 mA	370x369x65
PRSPRE100Y7 CC	100W	15 000	15 000	13 500	150 lm/W	458 mA	370x369x65
PRSPRE120Y7 CC	120W	18 000	18 000	16 200	150 lm/W	550 mA	370x369x65

COLOR TEMPERATURE SELECTION

Correlated color temperatures CC		
3000 K	30	Warm White WW
4000 K	40	Neutral White NW
5000 K	50	Cool White CW

Optics:

Code Y	Beam angle
090	Beam angle 90°
120	Beam angle 120°

Options and accessories

Suffix to OC	Description
MWS	Microwave sensor
PIR	PIR sensor
SAP	Surface adapter plate
RAM	Rod adapter mounting

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.

