



OCTA LIGHT BULGARIA JSC

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GUARANTEE / WARRANTY
5 years extended guarantee

HIGHLIGHTS & BENEFITS

- ▶ Flat ultra slim edge-lit LED panel
- ▶ Delivered system efficiency of 115 lm/W
- ▶ Advanced LED technology delivering high-quality lighting while using less energy than traditional lighting options
- ▶ Multiple sizes and luminous power combinations
- ▶ Available in Cool, Neutral & Warm White Color Temperatures
- ▶ No UV light emission
- ▶ Instant start without flicker or humming
- ▶ High color rendering index, providing accurate color reproduction and enhancing the appearance of the space
- ▶ Low glare design, reducing eye strain and creating a comfortable atmosphere
- ▶ Various mounting options, including ceiling recess-mounted, surface-mounted, and suspended-mounted, give flexibility in installation
- ▶ Optional 0-10V and DALI dimming capabilities that can customize the lighting level to fit any occasion
- ▶ Available with optional emergency backup battery pack, ensuring that critical areas remain illuminated during power outages
- ▶ Ideal for hotels, conference rooms, schools, universities, hospitals, offices and administrative buildings

Flat Panel GII Series

Recessed Mounted LED Luminaires

FEATURES

Operating voltage	198 - 264 V AC 50/60 Hz
IP rating	IP40, IP54 (Optional)
IK rating	IK02
LED package used	OCTALED
Dimmable	Yes DALI or 0-10V (Optional)
LED lifetime	70 000 h L90B10
Color rendering index	Ra>80, Ra>90 (Optional)
SDCM (MacAdam)	<3
Flicker	<5%
Power factor	>0.95
Emergency version	Yes 3 hours or CBS (optional)
Options and accessories	3HR, CBS, U19, HCL, CMB, SUS, GBM, SFC, P54, CRS

ADDITIONAL INFORMATION

Type of installation	Recessed, surface or suspended
Housing material	Powder-coated extruded aluminum frame and steel
Optical system	Microprismatic diffuser with UGR<22, (UGR<19 optional)
Housing color	White
Operating temperature	-20°C to +45°C
Relative humidity	<60%
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			
PLNPRE029602960188	CC 18W	2 070	2 070	1 863	115 lm/W	83 mA	296x296x12
PLNPRE030003000188	CC 18W	2 070	2 070	1 863	115 lm/W	83 mA	300x300x12
PLNPRE059605960328	CC 32W	3 680	3 680	3 312	115 lm/W	147 mA	596x596x12
PLNPRE059605960368	CC 36W	4 140	4 140	3 726	115 lm/W	165 mA	596x596x12
PLNPRE059605960408	CC 40W	4 600	4 600	4 140	115 lm/W	184 mA	596x596x12
PLNPRE059605960488	CC 48W	5 520	5 520	4 968	115 lm/W	220 mA	596x596x12
PLNPRE060006000328	CC 32W	3 680	3 680	3 312	115 lm/W	147 mA	600x600x12
PLNPRE060006000368	CC 36W	4 140	4 140	3 726	115 lm/W	165 mA	600x600x12
PLNPRE060006000408	CC 40W	4 600	4 600	4 140	115 lm/W	184 mA	600x600x12
PLNPRE060006000488	CC 48W	5 520	5 520	4 968	115 lm/W	220 mA	600x600x12
PLNPRE062206220328	CC 32W	3 680	3 680	3 312	115 lm/W	147 mA	622x622x12
PLNPRE062206220368	CC 36W	4 140	4 140	3 726	115 lm/W	165 mA	622x622x12
PLNPRE062206220408	CC 40W	4 600	4 600	4 140	115 lm/W	184 mA	622x622x12
PLNPRE062206220488	CC 48W	5 520	5 520	4 968	115 lm/W	220 mA	622x622x12
PLNPRE062506250328	CC 32W	3 680	3 680	3 312	115 lm/W	147 mA	625x625x12
PLNPRE062506250368	CC 36W	4 140	4 140	3 726	115 lm/W	165 mA	625x625x12
PLNPRE062506250408	CC 40W	4 600	4 600	4 140	115 lm/W	184 mA	625x625x12
PLNPRE062506250488	CC 48W	5 520	5 520	4 968	115 lm/W	220 mA	625x625x12
PLNPRE059602960208	CC 20W	2 300	2 300	2 070	115 lm/W	92 mA	596x296x12
PLNPRE060003000208	CC 20W	2 300	2 300	2 070	115 lm/W	92 mA	600x300x12
PLNPRE119702970268	CC 26W	2 990	2 990	2 691	115 lm/W	119 mA	1197x297x12
PLNPRE119702970368	CC 36W	4 140	4 140	3 726	115 lm/W	165 mA	1197x297x12
PLNPRE120003000268	CC 26W	2 990	2 990	2 691	115 lm/W	119 mA	1200x300x12
PLNPRE120003000368	CC 36W	4 140	4 140	3 726	115 lm/W	165 mA	1200x300x12
PLNPRE119605960368	CC 36W	4 140	4 140	3 726	115 lm/W	165 mA	1196x596x12
PLNPRE119605960708	CC 70W	8 050	8 050	7 245	115 lm/W	321 mA	1196x596x12
PLNPRE120006000368	CC 36W	4 140	4 140	3 726	115 lm/W	165 mA	1200x600x12
PLNPRE120006000708	CC 70W	8 050	8 050	7 245	115 lm/W	321 mA	1200x600x12
PLNPRE149602960508	CC 50W	5 750	5 750	5 175	115 lm/W	229 mA	1496x296x12
PLNPRE149602960708	CC 70W	8 050	8 050	7 245	115 lm/W	321 mA	1496x296x12
PLNPRE150003000508	CC 50W	5 750	5 750	5 175	115 lm/W	229 mA	1500x300x12
PLNPRE150003000708	CC 70W	8 050	8 050	7 245	115 lm/W	321 mA	1500x300x12
PLNPRE149605960808	CC 80W	9 200	9 200	8 280	115 lm/W	367 mA	1496x596x12
PLNPRE150006000808	CC 80W	9 200	9 200	8 280	115 lm/W	367 mA	1500x600x12

COLOR TEMPERATURE SELECTION

Correlated color temperatures CC		
2700 K	27	Warm White WW
3000 K	30	Warm White WW
3500 K	35	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

Options and accessories

Suffix to OC	Description
3HR	3 hours battery pack
CBS	Addr.mod.for central battery system
U19	Optional UGR<19
HCL	Human centric lighting
CMB	Casambi integration
SUS	Suspension kit
GBM	Gypsum board mounting frame
SFC	Surface mounting frame
P54	Optional IP54
CRS	Cleanroom spec. (IP65)

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.

