



OCTA LIGHT BULGARIA JSC

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LPL05 Series

Recessed Mounted LED Linear Luminaires

FEATURES

Operating voltage	198 - 264 V AC 50/60 Hz
IP rating	IP20
IK rating	IK04
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,BK,WH,B,W,G,S

ADDITIONAL INFORMATION

Type of installation	Recessed
Housing material	Aluminum
Optical system	Lens+antiglare shield with 36° beam angle standard
Housing color	White or black
Operating temperature	-20°C to +45°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			
LPL05ADV0505012Y8 CC	12W	1 500	1 500	1 350	125 lm/W	55 mA	505x35x35
LPL05ADV1000024Y8 CC	24W	3 000	3 000	2 700	125 lm/W	110 mA	1000x35x35
LPL05ADV1200040Y8 CC	40W	5 000	5 000	4 500	125 lm/W	184 mA	1200x35x35

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

Optics:

Code Y	Beam angle
010	Beam angle 10°
024	Beam angle 24°
036	Beam angle 36°
048	Beam angle 48°

Options and accessories

Suffix to OC	Description
3HR	3 hours battery pack
CBS	Addr.mod.for central battery system
BK	Black housing color
WH	White housing color
B	Black reflector
W	White reflector
G	Gold reflector
S	Silver reflector

LED DRIVERS

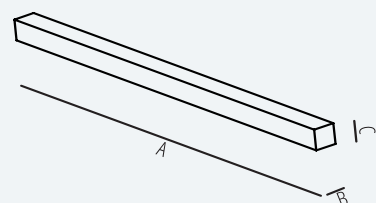
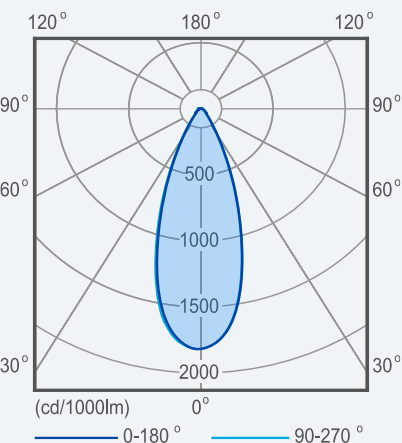
Standard LED Driver	Premium constant current LED driver
DALI driver	DAL suffix to order code
1-10V dim. LED Driver	DIM suffix to order code

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.



GUARANTEE / WARRANTY

5 years extended guarantee

HIGHLIGHTS & BENEFITS

- Energy-efficient LED linear recess-mount fixture
- Delivered system efficiency of 125 lm/W
- Optional dimming capabilities that can customize the lighting level to fit any occasion
- High-quality light output that is bright, consistent, and flicker-free
- Available in Cool, Neutral & Warm White Color Temperatures
- Uniform light distribution, ensuring that the entire area is evenly lit without any dark spots
- Classic and modern design that complements any interior style
- Long lifespan up to 70,000 hours, reducing maintenance costs and downtime
- Ideal for offices and meeting rooms
- Suitable for shopping malls, supermarkets, hospital, school illumination, stores and corridor lighting