



OCTA LIGHT BULGARIA JSC

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OTL Series LED Tunnel Luminaires

FEATURES

Operating voltage	100 - 277 V AC 50/60 Hz
IP rating	IP66
IK rating	IK09
LED package used	OCTALED
Dimmable	Yes DALI or 0-10V (Optional)
LED lifetime	50 000 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	SI, BK

ADDITIONAL INFORMATION

Type of installation	Surface
Housing material	Die-cast aluminum
Optical system	Lens + glass cover with standard beam angle 140°x62°
Housing color	Silver or black
Operating temperature	-30°C to +50°C
Relative humidity	<95%
Electric class	I

GUARANTEE / WARRANTY
5 years extended guarantee

HIGHLIGHTS & BENEFITS

- ▶ Energy-efficient tunnel lighting LED luminaire
- ▶ Delivered system efficiency of 130 lm/W
- ▶ Provide adequate and uniform lighting in tunnels to ensure the safety of drivers and pedestrians
- ▶ Proper illumination reduces the risk of accidents and makes it easier for drivers to navigate through the tunnel
- ▶ Available in Cool, Neutral & Warm White Color Temperatures
- ▶ Designed to provide clear and consistent illumination throughout the tunnel, which helps drivers and pedestrians to see and identify obstacles, signs, and other road markings
- ▶ Wide range of optics and light distributions
- ▶ LM-80 certified Octa Light LED packages
- ▶ Robust IP66/IK09 protected construction
- ▶ Adjustable projecting direction
- ▶ Compact design for low weight and high wind resistance
- ▶ Ideal solution for tunnels, underpasses and other flood light applications

PRODUCT SELECTION

Product order code (OC)	Power	Lumen output			Efficiency *for 840	Input current	Dimensions AxBxC, mm
		lm CW	lm NW	lm WW			
OTLADV050Y7 CC	50W	6 500	6 500	5 850	130 lm/W	229 mA	85x320x125
OTLADV100Y7 CC	100W	13 000	13 000	11 700	130 lm/W	458 mA	170x320x125
OTLADV150Y7 CC	150W	19 500	19 500	17 550	130 lm/W	687 mA	255x320x125
OTLADV200Y7 CC	200W	26 000	26 000	23 400	130 lm/W	916 mA	340x320x125
OTLADV250Y7 CC	250W	32 500	32 500	29 250	130 lm/W	1145 mA	425x320x125
OTLADV300Y7 CC	300W	39 000	39 000	35 100	130 lm/W	1373 mA	510x320x125
OTLADV400Y7 CC	400W	52 000	52 000	46 800	130 lm/W	1831 mA	340x680x125
OTLADV500Y7 CC	500W	65 000	65 000	58 500	130 lm/W	2289 mA	425x680x125
OTLADV600Y7 CC	600W	78 000	78 000	70 200	130 lm/W	2746 mA	510x680x125

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
5700 K	57	Cool White CW
6000 K	60	Cool White CW

Optics:

Code Y	Beam angle
12648	Beam angle 126°x48°
140105	Beam angle 140°x105°
14062	Beam angle 140°x62°
115115	Beam angle 115°x115°
10770	Beam angle 107°x70°
14263	Beam angle 142°x63°
4724	Beam angle 47°x24°
149100	Beam angle 149°x100°
13771	Beam angle 137°x71°
15085	Beam angle 150°x85°

Options and accessories

Suffix to OC	Description
SI	Silver housing color
BK	Black housing color

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.

