



OCTA LIGHT BULGARIA JSC

www.octa-light.com
info@octa-light.com



EXTREME Flat ADVANCE Series

Street LED Luminaires

GUARANTEE / WARRANTY

5 years extended guarantee

HIGHLIGHTS & BENEFITS

- ▶ Modular LED Street lighting solution
- ▶ Delivered system efficiency of 150 lm/W
- ▶ Multiple sizes and luminous power combinations
- ▶ No upwards or UV light emission
- ▶ Available in Cool, Neutral & Warm White Color Temperatures
- ▶ Constant current regulating driver with built in 4kV Surge protection
- ▶ IP66 protected design with optimized heat sink design Inner finned heat-sink
- ▶ Robust IK10 construction, built for harsh environments and high durability
- ▶ 3 SDCM Color Binning, full ANSI C78377-2008 pallet available
- ▶ LM-80 certified Octa Light LED packages
- ▶ Easy maintenance with self-shutting contactor upon opening housing

FEATURES

Operating voltage	198 - 264 V AC 50/60 Hz
IP rating	IP66
IK rating	IK10
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	NEM,W08,W24,DPP

ADDITIONAL INFORMATION

Type of installation	Side entry or post top
Housing material	Powder coated alum. body (RAL 7035) and self-clean.surf.
Optical system	UV stabilized borosilicate tempered glass std. beam 80°x160°
Housing color	Grey (RAL7035)
Operating temperature	-30°C to +50°C
Relative humidity	<95%
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			
XTRADV040Y7 CC	40W	6 000	6 000	5 400	150 lm/W	184 mA	668x250x114
XTRADV050Y7 CC	50W	7 500	7 500	6 750	150 lm/W	229 mA	668x250x114
XTRADV060Y7 CC	60W	9 000	9 000	8 100	150 lm/W	275 mA	668x250x114
XTRADV080Y7 CC	80W	12 000	12 000	10 800	150 lm/W	367 mA	723x300x118
XTRADV100Y7 CC	100W	15 000	15 000	13 500	150 lm/W	458 mA	723x300x118
XTRADV120Y7 CC	120W	18 000	18 000	16 200	150 lm/W	550 mA	723x300x118
XTRADV150Y7 CC	150W	22 500	22 500	20 250	150 lm/W	687 mA	804x347x118
XTRADV200Y7 CC	200W	30 000	30 000	27 000	150 lm/W	916 mA	804x347x118

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
100145	Beam angle 100°x145°
135130	Beam angle 135°x130°
80160	Beam angle 80°x160°
105140	Beam angle 105°x140°

Options and accessories

Suffix to OC	Description
NEM	NEMA 7 connector
W08	Wireless 868 MHz control
W24	Wireless 2.4 GHz control
DPP	Factory dimmed to specific power

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.

