



OCTA LIGHT BULGARIA JSC

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FTR Series Street LED Luminaires

FEATURES

Operating voltage	220 - 240 V AC 50/60 Hz
IP rating	IP66
IK rating	IK10
LED package used	OCTALED
Dimmable	No
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	PHC,MWS,PIR

ADDITIONAL INFORMATION

Type of installation	Side entry
Housing material	Aluminum alloy
Optical system	Lens with standard beam angle 55°x155°
Housing color	Black RAL9017
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			
FTRPRE030Y7 CC	30W	4 500	4 500	4 050	150 lm/W	138 mA	523x146x82
FTRPRE040Y7 CC	40W	6 000	6 000	5 400	150 lm/W	184 mA	523x146x82
FTRPRE055Y7 CC	55W	8 250	8 250	7 425	150 lm/W	252 mA	523x146x82
FTRPRE075Y7 CC	75W	11 250	11 250	10 125	150 lm/W	344 mA	629x174x82
FTRPRE100Y7 CC	100W	15 000	15 000	13 500	150 lm/W	458 mA	629x174x82
FTRPRE120Y7 CC	120W	18 000	18 000	16 200	150 lm/W	550 mA	629x174x82
FTRPRE150Y7 CC	150W	22 500	22 500	20 250	150 lm/W	687 mA	724x194x82
FTRPRE180Y7 CC	180W	27 000	27 000	24 300	150 lm/W	824 mA	724x194x82

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
40148	Beam angle 40°x148°
55145	Beam angle 55°x145°
67145	Beam angle 67°x145°

Options and accessories

Suffix to OC	Description
PHC	Photocell
MWS	Microwave sensor
PIR	PIR sensor

LED DRIVERS

Standard LED Driver	Premium constant current LED driver
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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.

