



OCTA LIGHT BULGARIA JSC

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## FTR Series

Street LED Luminaires

### GUARANTEE / WARRANTY

5 years extended guarantee

### HIGHLIGHTS & BENEFITS

- › Modular LED Street lighting solution
- › Delivered system efficiency of 140 lm/W
- › Multiple sizes and luminous power combinations
- › No upwards or UV light emission
- › Available in Cool, Neutral & Warm White Color Temperatures
- › Enhance safety on the streets by providing optimal lighting conditions, reducing the risk of accidents and crime
- › Low maintenance costs due to the long lifespan and high-quality materials, reducing the need for frequent replacements and repairs
- › IP66 protected design, built with high-quality materials that are resistant to damage and wear
- › High color rendering index (CRI) for excellent color reproduction to use in areas like commercial and residential streets
- › Designed to withstand even the toughest weather conditions, ensuring they remain reliable and long-lasting

### 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			
FTRPRE025Y7 CC	25W	3 500	3 500	3 150	140 lm/W	115 mA	287x145x56

### 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.

