



**OCTA LIGHT®**  
OCTA LIGHT INTERNATIONAL SJSC  
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## FSS Series

Architectural LED Spotlights

**GUARANTEE / WARRANTY**  
5 years extended guarantee

- HIGHLIGHTS & BENEFITS**
- ▶ Energy efficient spot projector LED luminaire
  - ▶ Delivered system efficiency of 100 lm/W
  - ▶ Adjustable heads to direct light where it is needed most, providing maximum illumination
  - ▶ Multiple mounting options, can be mounted on walls and other surfaces
  - ▶ Available in RGB, RGBW, Cool, Neutral & Warm White Color Temperatures
  - ▶ Available in a range of beam angles to customize the direction and spread of the light
  - ▶ High ingress protection class, designed to be waterproof, ideal for use in wet or outdoor environments
  - ▶ Powder-coated external finish, resistant to UV and oxidation
  - ▶ Optional 0-10V and DALI dimming capabilities that can customize the lighting level to fit any occasion
  - ▶ Long lifespan up to 70,000 hours, reducing maintenance costs and downtime
  - ▶ A variety of sizes and power combinations to suit specific needs and preferences
  - ▶ Ideal solution for façades, shopping malls, parks, advertising boards and any commercial locations

FEATURES	
Operating voltage	198 - 264 V AC 50/60 Hz
IP rating	IP65
IK rating	IK05
LED package used	OCTALED
Dimmable	Yes DALI, 0-10V or DMX (Optional)
LED lifetime	70 000 h L90B10
Color rendering index	Ra>80
SDCM (MacAdam)	<3
Flicker	<5%
Power factor	>0.95
Emergency version	No
Options and accessories	DMX, RGB, RGBW

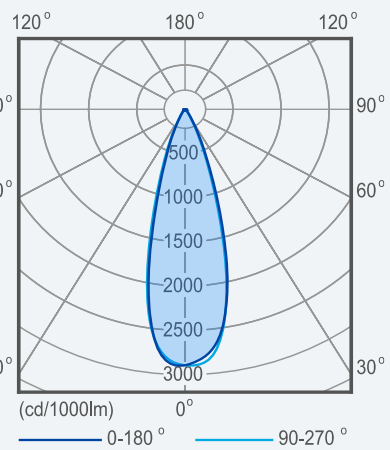
ADDITIONAL INFORMATION	
Type of installation	Surface
Housing material	Aluminum
Optical system	Lens with standard beam angle 30°
Housing color	Grey
Operating temperature	-30°C to +50°C
Relative humidity	<90%
Electric class	I

PRODUCT SELECTION								
Product order code (OC)	Power	Lumen output			Efficiency *for 840	Input current	Dimensions DxH,	
		lm CW	lm NW	lm WW			mm	mm
FSSBSC090010Y8 CC	10W	1,000	1,000	900	100 lm/W	46 mA	∅90x76	
FSSBSC090012Y8 CC	12W	1,200	1,200	1,080	100 lm/W	55 mA	∅90x76	
FSSBSC090015Y8 CC	15W	1,500	1,500	1,350	100 lm/W	69 mA	∅90x76	
FSSBSC115018Y8 CC	18W	1,800	1,800	1,620	100 lm/W	83 mA	∅115x105	
FSSBSC115024Y8 CC	24W	2,400	2,400	2,160	100 lm/W	110 mA	∅115x105	

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
015	Beam angle 15°
030	Beam angle 30°
045	Beam angle 45°
060	Beam angle 60°



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

**Options and accessories**

Suffix to OC	Description
DMX	DMX control
RGB	RGB (CC code = 88)
RGBW	RGB White (CC code = 87)

Octa Light International 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 International 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.

