



OCTA LIGHT INTERNATIONAL S.J.S.C

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**LTL 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
- ▶ Multiple mounting options, can be mounted on spike, walls and other surfaces
- ▶ Available in a range of beam angles to customize the direction and spread of the light
- ▶ Available in RGB, RGBW, Cool, Neutral & Warm White Color Temperatures
- ▶ High ingress protection design, resistant to dust, water, and other environmental factors
- ▶ 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	100 - 240 V AC 50/60 Hz
IP rating	IP66
IK rating	IK08
LED package used	OCTALED
Dimmable	Yes DALI, 0-10V or DMX (Optional)
LED lifetime	70 000 h L90B10
Color rendering index	Ra>70, (Ra>80, Ra>90 - Optional)
SDCM (MacAdam)	<3
Flicker	<5%
Power factor	>0.95
Emergency version	No
Options and accessories	DMX,CMB,BTC,SFR,VIS,GS,EH,TNW,RGB,RGBW

**ADDITIONAL INFORMATION**

Type of installation	Surface
Housing material	Aluminum alloy
Optical system	Lens + glass cover with standard beam angle 20°x60°
Housing color	Silver
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 DxH, mm
		lm CW	lm NW	lm WW			
LTLBSC220035Y7 CC	35W	3,500	3,500	3,150	100 lm/W	161 mA	Ø220x100x330
LTLBSC420100Y7 CC	100W	10,000	10,000	9,000	100 lm/W	458 mA	Ø420x160x452
LTLBSC420150Y7 CC	150W	15,000	15,000	13,500	100 lm/W	687 mA	Ø420x100x330
LTLBSC420200Y7 CC	200W	20,000	20,000	18,000	100 lm/W	916 mA	Ø420x100x330
LTLBSC420240Y7 CC	240W	24,000	24,000	21,600	100 lm/W	1099 mA	Ø420x100x330

**COLOR TEMPERATURE SELECTION**

Correlated color temperatures CC		
2200 K	22	Warm White WW
3000 K	30	Warm White WW
4000 K	40	Neutral White NW
5000 K	50	Cool White CW

**Optics:**

Code Y	Beam angle
004	Beam angle 3.8°
008	Beam angle 8°
012	Beam angle 12°
030	Beam angle 30°
060	Beam angle 60°
075	Beam angle 75°
2060	Beam angle 20°x60°
1530	Beam angle 15°x30°

**Options and accessories**

Suffix to OC	Description
DMX	DMX control
CMB	Casambi integration
BTC	Bluetooth control
SFR	Safety rope
VIS	Visor
GS	Ground spike
EH	Embrace hoop
TNW	Tunable white (CC code = 99)
RGB	RGB (CC code = 88)
RGBW	RGB White (CC code = 87)

**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 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.

