



OCTA LIGHT BULGARIA JSC

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HLS Series

LED Area and Sport Floodlights

GUARANTEE / WARRANTY

5 years extended guarantee

HIGHLIGHTS & BENEFITS

- ▶ Powerful LED sport field floodlight
- ▶ Delivered system efficiency of 130 lm/W
- ▶ Multiple sizes and luminous power combinations
- ▶ High-quality illumination, athletes and spectators to see the action clearly
- ▶ Available in Cool, Neutral & Warm White Color Temperatures
- ▶ Can be precisely positioned to illuminate specific areas of the sports field, ensuring that every corner of the field is properly illuminated
- ▶ Designed to withstand harsh weather conditions and physical impacts
- ▶ Built to last, providing a long lifespan and reducing maintenance costs
- ▶ Provide uniform lighting to ensuring that the entire playing field is evenly lit without any dark spots
- ▶ Ideal for stadiums and sport centers, high activity areas - industrial and shipping zones, airports

FEATURES

Operating voltage	220 - 240 V AC 50/60 Hz
IP rating	IP66
IK rating	IK08
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	DMX,SFR,LPD,VIS

ADDITIONAL INFORMATION

Type of installation	Surface or pole
Housing material	Aluminum alloy
Optical system	Lens with standard beam angle 12°
Housing color	Black body, silver basket
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			
HLSADV0480Y7 CC	480W	62 400	62 400	56 160	130 lm/W	2197 mA	468x491x515
HLSADV0600Y7 CC	600W	78 000	78 000	70 200	130 lm/W	2746 mA	468x491x515

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
012	Beam angle 12°
030	Beam angle 30°
055	Beam angle 55°

Options and accessories

Suffix to OC	Description
DMX	DMX control
SFR	Safety rope
LPD	Laser pointing device
VIS	Visor

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.

