



OCTA LIGHT BULGARIA JSC

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HMS Flat Series

LED Area and Sport Floodlights

GUARANTEE / WARRANTY

5 years extended guarantee

HIGHLIGHTS & BENEFITS

- ▶ Powerful LED sport field floodlight
- ▶ Delivered system efficiency of 150 lm/W
- ▶ Multiple sizes and luminous power combinations
- ▶ Unique ultra high efficient Octa Light source inside
- ▶ Available in Cool, Neutral & Warm White Color Temperatures
- ▶ IP66 Rated Current regulating driver with 6kV Surge protection (10kV optional)
- ▶ High energy saving characteristics and granting long life-time of the light source
- ▶ Multiple light distribution for different mount heights
- ▶ Flexible mounting options, easy installation, maintenance free
- ▶ Suitable for replacing a variety of conventional Mercury - Vapour, Sodium and Metal Halide lamps
- ▶ 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	IK09
LED package used	OCTALED
Dimmable	Yes DALI or 0-10V (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,VIS,LPD

ADDITIONAL INFORMATION

Type of installation	Surface or pole
Housing material	Die-cast aluminum
Optical system	Lens + glass cover with standard beam angle 12°
Housing color	Black
Operating temperature	-30°C to +50°C
Relative humidity	<95%
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			
HMSFPRE0320Y7 CC	320W	48 000	48 000	43 200	150 lm/W	1465 mA	581x536x109
HMSFPRE0480Y7 CC	480W	72 000	72 000	64 800	150 lm/W	2197 mA	581x536x109
HMSFPRE0550Y7 CC	550W	82 500	82 500	74 250	150 lm/W	2518 mA	581x536x109
HMSFPRE0640Y7 CC	640W	96 000	96 000	86 400	150 lm/W	2930 mA	656x765x138
HMSFPRE0800Y7 CC	800W	120 000	120 000	108 000	150 lm/W	3662 mA	656x765x138
HMSFPRE0960Y7 CC	960W	144 000	144 000	129 600	150 lm/W	4394 mA	656x765x138
HMSFPRE1200Y7 CC	1200W	180 000	180 000	162 000	150 lm/W	5492 mA	673x976x138
HMSFPRE1440Y7 CC	1440W	216 000	216 000	194 400	150 lm/W	6591 mA	673x976x138
HMSFPRE1650Y7 CC	1650W	247 500	247 500	222 750	150 lm/W	7552 mA	673x976x138

COLOR TEMPERATURE SELECTION

Correlated color temperatures CC		
3000 K	30 Warm White	WW
4000 K	40 Neutral White	NW
5700 K	57 Cool White	CW

Optics:

Code Y	Beam angle
012	Beam angle 12°
030	Beam angle 30°
060	Beam angle 60°
25130	Beam angle 25°x130°
60130	Beam angle 60°x130°

Options and accessories

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

LED DRIVERS

Standard LED Driver	Premium constant current LED driver
DALI driver	DALI 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.

