



OCTA LIGHT BULGARIA JSC

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OFL Series

Sport Hall LED Luminaires

FEATURES

| | |
|-----------------------|-------------------------|
| Operating voltage | 100 - 277 V AC 50/60 Hz |
| IP rating | IP66 |
| IK rating | IK08 |
| LED package used | OCTALED |
| Dimmable | Yes 0-10V (Optional) |
| LED lifetime | 50 000 h L90B10 |
| Color rendering index | Ra>80 |
| SDCM (MacAdam) | <3 |
| Flicker | <5% |
| Power factor | >0.95 |
| Emergency version | No |

ADDITIONAL INFORMATION

| | |
|-----------------------|---|
| Type of installation | Surface |
| Housing material | Die-cast Aluminum |
| Optical system | Lens + glass cover with standard beam angle 90° |
| 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 | | | |
| OFLPRE1050Y8 CC | 50W | 7 000 | 7 000 | 6 300 | 140 lm/W | 229 mA | 315x90x130 |
| OFLPRE2100Y8 CC | 100W | 14 000 | 14 000 | 12 600 | 140 lm/W | 458 mA | 315x180x130 |
| OFLPRE3150Y8 CC | 150W | 21 000 | 21 000 | 18 900 | 140 lm/W | 687 mA | 315x270x130 |
| OFLPRE4200Y8 CC | 200W | 28 000 | 28 000 | 25 200 | 140 lm/W | 916 mA | 315x360x130 |
| OFLPRE5250Y8 CC | 250W | 35 000 | 35 000 | 31 500 | 140 lm/W | 1145 mA | 315x450x130 |
| OFLPRE6300Y8 CC | 300W | 42 000 | 42 000 | 37 800 | 140 lm/W | 1373 mA | 630x180x130 |
| OFLPRE8400Y8 CC | 400W | 56 000 | 56 000 | 50 400 | 140 lm/W | 1831 mA | 630x360x130 |

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 |
| 5000 K | 50 | Cool White CW |
| 5700 K | 57 | Cool White CW |

Optics:

| Code Y | Beam angle |
|--------|---------------------|
| 060 | Beam angle 60° |
| 090 | Beam angle 90° |
| 120 | Beam angle 120° |
| 60150 | Beam angle 60°x150° |

LED DRIVERS

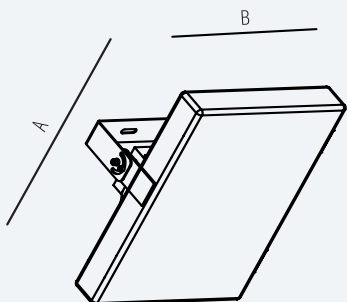
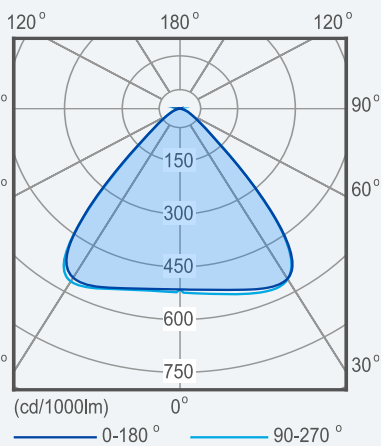
| | |
|-----------------------|-------------------------------------|
| Standard LED Driver | Premium constant current LED driver |
| DALI driver | DALI suffix to order code |
| 1-10V dim. LED Driver | DIM suffix to order code |

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.



GUARANTEE / WARRANTY

5 years extended guarantee

HIGHLIGHTS & BENEFITS

- Effective flood light LED luminaire
- Delivered system efficiency of 140 lm/W
- Superb heat dissipation and long lifespan
- High-quality light output that is bright, consistent, and flicker-free
- Available in Cool, Neutral & Warm White Color Temperatures
- Constructed with durable materials that can withstand exposure to the elements and resist corrosion
- Robust IP66/IK08 protected construction
- LM-80 certified Octa Light LED packages
- Adjustable projecting direction
- Compact design for low weight and high wind resistance
- Wide range of optics and light distributions
- Effective solution for sport court fields, tunnels, warehouses, factories, workshops, stadium and bill boards