

Orbon Series

Mark III LED Floodlight

The Orbon Mark III is quite simply the most advanced LED floodlight available on the market. Using the latest Luxeon chip technology from Philips the product delivers up to an exceptional 159 lumens per watt. In addition, the Orbon Mark III has been designed to withstand the harshest of environments. Each LED module uses a patented screwless design which delivers a fully immersible IP68 module built on its own extruded aluminium heatsinks. This delivers unrivalled heat dissipation, guaranteeing exceptional lumen maintenance and reliability over the life of the product.



FEATURES AND BENEFITS

- Philips Luxeon 5050 LED chips. For ultra high efficiency.
- Excellent luminaire efficacy. 159 lumens per watt.
- Unique patented screwless lens design. Delivers fully immersible IP68 rated LED modules.
- Individual module extruded aluminium heatsink. Delivers market-leading thermal management.
- Premium Inventronics Driver Solution.
- High ingress protection. Full unit is IP67 rated.
- 360 degree bracket rotation.
- Customised beam angles available. To suit any application.
- Over 90,000 hours rated lifetime.
- Lightweight sturdy construction. For easy installation.
- Five year full luminaire warranty.

SPECIFICATIONS

Model	FLD-M3-050W-57	FLD-M3-070W-57	FLD-M3-100W-57	FLD-M3-150W-57	FLD-M3-300W-57
Power consumption*	51.34W	71.37W	98.6W	147.94W	299W
Output	7,591 lm	10,648 lm	15,638 lm	23,333 lm	45,351 lm
Efficiency	148 lm/W	149 lm/W	159 lm/W	158 lm/W	152 lm/W
Dimensions (mm)	[W] 360 x [H] 200 x [L] 95	[W] 360 x [H] 200 x [L] 175	[W] 360 x [H] 200 x [L] 175	[W] 360 x [H] 260 x [L] 255	[W] 360 x [H] 360 x [L] 415
Weight	4.2kg	5.5kg	5.5kg	7.3kg	10.5kg
Sail area	0.34m ²	0.063m ²	0.063m ²	0.092m ²	0.149m ²
Colour temperature	5,700K				
CRI	>70				
Beam angle	Symmetrical 90°, Asymmetrical (T4) 141° x 33°				
IP rating	IP67				
Lifetime rating	90,000 hours				
Warranty	Five years				

* Independently tested by an accredited (NATA MRA) laboratory.

INDUSTRIES



Retail, hospitality, education and industrial.

OLD LIGHT TECHNOLOGIES

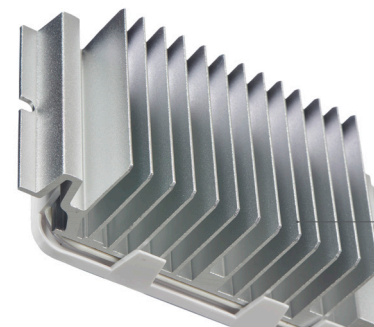


Halogen, metal halide and mercury vapour (HID) and metal halide type 2.

PRODUCT DETAIL



Ultra high efficiency Philips Luxeon 5050 LED chips and customised beam angles.



Individual module extruded aluminium heatsinks.

Fully immersible IP68 rated LED modules.

