



Tiger LED MegaFloods

450W 600W 750W 900W [SPECIAL ORDER ITEMS]

Unprecedented LED output to 126,000 lm
Up to 140 lm/W efficiency

Modular design - powerful & compact
 Lens & bracket options to suit all applications



Pictured:
 ▲ 600W - spigot bracket
 ◀ 450W - flood bracket

Superior performance - up to 140 lm/W

140 lumens per watt efficiency for output to 126,000 lm
 Highest quality Cree XPG3 LEDs & Philips Xitanium drivers
 Proven reliability in Australian conditions
 50,000+ hour service life. 5 years warranty.



40W modules
 of 18 LEDs

First class design and build quality

Compact modular design for low cost manufacture
 Polyester-coated aluminium chassis and steel brackets
 Stainless steel fascia on modules (304 grade)
 Individual polycarbonate lenses over chips - no glass.

Specified to suit almost any application

Bright, white 5000K light
 Rated IP67 and operating temperatures from -50 to +60°C
 Range of lenses and brackets available on special orders.

**NB SOME COMBINATIONS OF LENSES AND BRACKETS ARE SPECIAL ORDER ITEMS.
 PLEASE ALLOW APPROX 7-8 WEEKS FOR DELIVERY OF SPECIAL ORDERS.**

Applications

Indoor & outdoor flood and highbay lighting in heavy industry, mining, railyards, perimeters, carparks and sporting venues.



Modular LED flood Lumen output (lm) HID equiv (approx)	450W 63,500 1000-1200W	600W 84,700 1200-1500W	750W 105,000 To 2000W	900W 126,000 2000+W
Technical parameters	450W	600W	750W	900W
Power consumption: System	460W	610W	765W	920W
Comparable metal halide	1000-1200W HID	1200-1500W HID	To 2000W HID	2000+W HID
Input voltage & frequency	AC 120-277V / 50-60Hz	AC 120-277V / 50-60Hz	AC 120-277V / 50-60Hz	AC 120-277V / 50-60Hz
Input current	700mA	700mA	700mA	700mA
Power factor (PF)	≥ 0.95	≥ 0.95	≥ 0.95	≥ 0.95
LED chips	Cree XPG3 x 216	Cree XPG3 x 288	Cree XPG3 x 360	Cree XPG3 x 432
LED driver	Philips Xitanium	Philips Xitanium	Philips Xitanium	Philips Xitanium
Luminous Flux / efficiency	63,500 lm / 138 lm/W	84,700 lm / 138 lm/W	105,000 lm / 136 lm/W	126,000 lm / 136 lm/W
Colour rendering index (CRI)	Ra >70	Ra >70	Ra >70	Ra >70
Colour temperature	5,000K	5,000K	5,000K	5,000K
Lens type/beam spread	Options available	Options available	Options available	Options available
Working ambient temperature	-50 ~ +60°C	-50 ~ +60°C	-50 ~ +60°C	-50 ~ +60°C
IP rating	IP67	IP67	IP67	IP67
Service life	≥ 50,000 hours	≥ 50,000 hours	≥ 50,000 hours	≥ 50,000 hours
Composition - lenses	Polycarbonate	Polycarbonate	Polycarbonate	Polycarbonate
- Housing/ heatsink	Aluminium	Aluminium	Aluminium	Aluminium
- Protective coating on housing	Polyester (100µm min)	Polyester (100µm min)	Polyester (100µm min)	Polyester (100µm min)
- Front fascia on modules	Stainless Steel (304)	Stainless Steel	Stainless Steel	Stainless Steel
Net weight	19.6kg	23.2kg	27.4kg	30.7kg
Dimensions (LxWxD flood/spigot)	622 x 680 x 373/123mm	742 x 680 x 373/123mm	922 x 680 x 373/123mm	1042 x 680 x 373/123mm
Order code - Flood bracket	FA450	FA600	FA750	FA900
- Spigot mount	FA450E	FA600E	FA750E	FA900E



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INCOMPARABLE LIGHT OUTPUT TO 126,000LM. INCOMPARABLE FLEXIBILITY.

Bracket options available

Flood-mount bracket



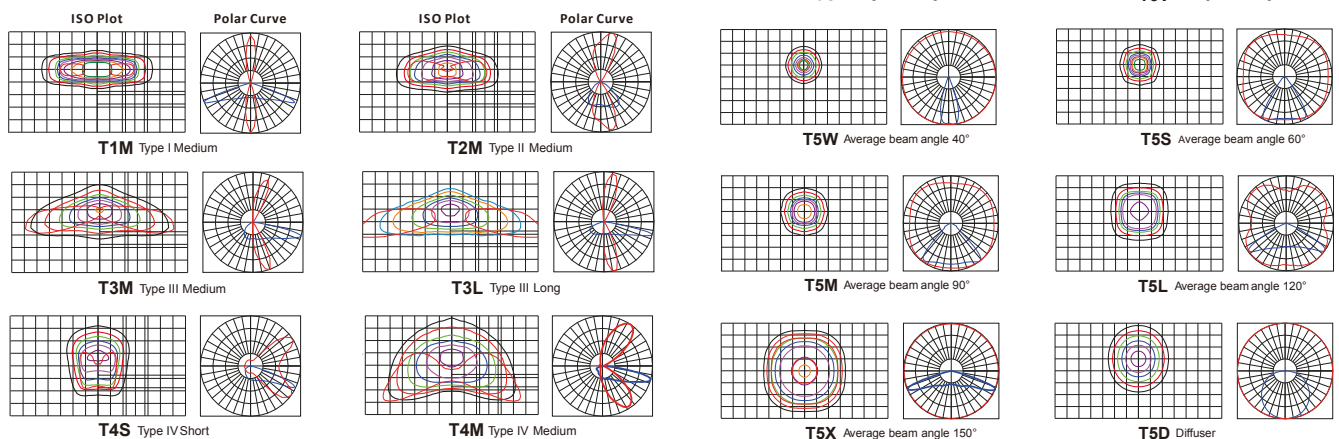
Spigot-mount bracket



Lens options available - 6 asymmetric and 8 round lens sets

14 lenses are available on special order. The options are set out below.

Please note that these fittings are assembled to order, according to the lenses and bracket specified. Less common specifications may take longer to manufacture. Please allow approx 7-8 weeks for assembly and shipping.



Certification

Compliant with the following standards:

IEC/EN 60598-1: 2008
 IEC/EN 60598-2-3/A1: 2011
 EN 62493:2010
 IEC62471: 2008
 IEC62471-2:2009
 EN 55015: 2013

EN61547:2009
 EN61000-3-2/A2:2009
 EN 61000-3-3:2013
 (EU) 1194/2012:2012-12-12
 (EC) 244/2009:2009-03-18

Ik08 rating: 1000 hours salt mist test reports are furnished upon request.

