



Tiger LED MegaFloods

30W 60W 120W 180W 300W

Latest modular design - powerful yet compact.

Outstanding performance - **now 120 lm/W**

Bracket & lens options for most applications.



120W fitting



Standard pole/wall bracket revolves 360 degrees



30W modules of 18 LEDs

Superior performance & reliability

- 120 lumens per watt output
- Highest quality Cree XPG2 LEDs and Philips Xitanium driver
- Proven reliability in Australian conditions
- 50,000+ hour service life. 5 years warranty.

First class design and build quality

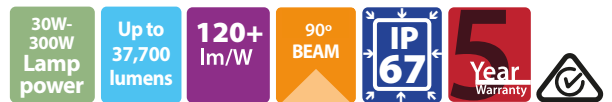
- Compact modular design - simple, low cost manufacture
- Sturdy polyester-coated aluminium chassis and steel brackets
- Stainless steel fascia on modules (304 grade)
- Individual polycarbonate lenses over chips - no glass.

Specified to suit almost any application

- 90 degree beam spread as standard specification
- Bright, white 5000K light
- Rated IP67
- Operating temperatures from -50 to +60°C.
- Range of brackets & lenses available on special orders.

Applications

- Indoor & outdoor flood, security and task lighting including heavy industry, mining, coolrooms, storage areas, loading bays, yards, perimeters and carparks
- Architectural illumination, museums.



MegaFlood 30W
Lumens 3,920
HID Equiv approx 70-100W



60W
7,460
150-200W



120W
14,920
400W



180W
22,260
700W



300W
37,700
To 1000W



Tiger LED MegaFloods

30W 60W 90W 120W 300W

Versatile bracket options

SURFACE MOUNTED (C)

Tucks close under ceiling or rafters



WALL MOUNTED (W)

Mounts light almost flush against walls



WITH SPIGOT ADAPTOR (S)

For use on poles with area light lenses



RECESSED CANOPY LIGHT (F)

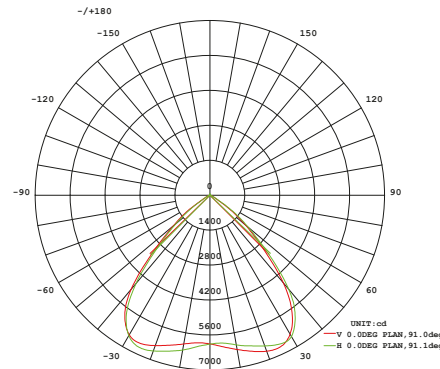
Recesses into canopy/ceiling
120W and 160W available.
See separate data sheet.



Photometrics

Standard lens type:
Code T5M.

IES Classification
Type V Medium.



Other lenses available as special order items:

Type I Medium	10 degrees round
Type II Medium	25 degrees round
Type III Medium	40 degrees round
Type III Long	60 degrees round
Type IV Short	90 degrees round (standard)
Diffused	120 degrees round

NB: Please allow 6-8 weeks for shipping of special order items

30W 90° beam angle

Lux	Beam Diameter	Height
298 lux (centre)	4m	2m
75	8	4
33	12	6
19	16	8
12	20	10
8	24	12
6	28	14
5	32	16
4	36	18
3	40	20

60W 90° beam angle

Lux	Beam Diameter	Height
582 lux (centre)	4m	2m
145	8	4
65	12	6
36	16	8
23	20	10
16	24	12
12	28	14
9	32	16
7	36	18
6	40	20

120W 90° beam angle

Lux	Beam Diameter	Height
1190 lux (centre)	4m	2m
298	8	4
132	12	6
75	16	8
48	20	10
33	24	12
24	28	14
19	32	16
15	36	18
12	40	20

180W 90° beam angle

Lux	Beam Diameter	Height
1780 lux (centre)	4m	2m
446	8	4
198	12	6
112	16	8
71	20	10
50	24	12
36	28	14
30	32	16
22	36	18
18	40	20

300W 90° beam angle

Lux	Beam Diameter	Height
2990 lux (centre)	4m	2m
748	8	4
332	12	6
187	16	8
120	20	10
83	24	12
61	28	14
47	32	16
37	36	18
30	40	20

Specifications	30W	60W	120W	180W	300W
Power consumption: System/LED	33W / 27W	61W / 54W	123W / 115W	183W / 169W	304W / 288W
Comparable metal halide	70-100W	150-200W	250 - 400W	700+W	1000W
Input voltage & frequency	AC 120-277V / 50-60Hz	AC 120-277V / 50-60Hz	AC 120-277V / 50-60Hz	AC 120-277V / 50-60Hz	AC 120-277V / 50-60Hz
Input current	530mA	530mA	530mA	530mA	530mA
Power factor (PF)	≥ 0.95	≥ 0.95	≥ 0.95	≥ 0.95	≥ 0.95
LED chips	Cree XPG2 x 18	Cree XPG2 x 36	Cree XPG2 x 72	Cree XPG2 x 108	Cree XPG2 x 180
LED driver	Philips Xitanium	Philips Xitanium	Philips Xitanium	Philips Xitanium	Philips Xitanium
Luminous Flux / efficiency	3,920 lm / 120 lm/W	7,460 lm / 120 lm/W	14,920 lm / 120 lm/W	22,260 lm / 120 lm/W	37,700 lm / 120 lm/W
Colour rendering index (CRI)	Ra >70	Ra >70	Ra >70	Ra >70	Ra >70
Colour temperature	5,000K	5,000K	5,000K	5,000K	5,000K
Light distribution	IESNA Type V Medium	IESNA Type V Medium	IESNA Type V Medium	IESNA Type V Medium	IESNA Type V Medium
Beam angle	90	90	90	90	90
Working ambient temperature	-50 ~ +60°C	-50 ~ +60°C	-50 ~ +60°C	-50 ~ +60°C	-50 ~ +60°C
Warranty	5 years	5 years	5 years	5 years	5 years
IP rating	IP67	IP67	IP67	IP67	IP67
Service life	≥ 50,000 hours	≥ 50,000 hours	≥ 50,000 hours	≥ 50,000 hours	≥ 50,000 hours
Composition - lenses	Polycarbonate	Polycarbonate	Polycarbonate	Polycarbonate	Polycarbonate
- Housing/heatsink	Aluminium	Aluminium	Aluminium	Aluminium	Aluminium
- Protective coating on housing	Polyester (100µm min)	Polyester (100µm min)	Polyester (100µm min)	Polyester (100µm min)	Polyester (100µm min)
- Fascia covering modules	Stainless Steel (304)	Stainless Steel (304)	Stainless Steel (304)	Stainless Steel (304)	Stainless Steel (304)
Net weight (with Flood bracket)	4.8kg	4.8kg	7.3kg	10.4kg	14.1kg
Dimensions exc bracket (LxWxD)	270 x 330 x 110mm	270 x 330 x 110mm	330 x 330 x 110mm	510 x 330 x 110mm	750 x 330 x 110mm
Product order code	FA030	FA060	FA120	FA180	FA300

Add suffix for non-standard bracket type: Flood - UR bracket standard - no suffix / Surface mount: C / Wall mount: W / Area Light bracket: S / Recessed Canopy Light: F