



Tiger LED MegaFloods

30W 60W 120W 180W 300W

Latest modular design - powerful yet compact.

Outstanding performance - now 140 lm/W

Bracket & lens options for most applications.

Superior performance & reliability

- 140 lumens per watt output
- Highest quality Cree XPG3 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.

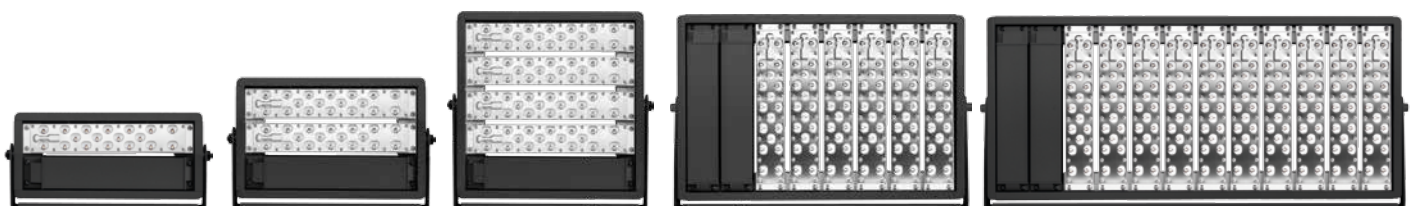
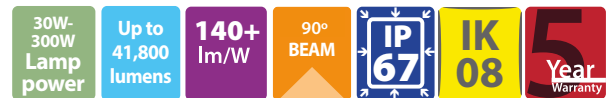
Specified to suit almost any application

- 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 car parks
- Architectural illumination, museums.



30W
4,280 lm
70~100W
approx HID equiv

60W
8,660 lm
150~200W
approx HID equiv

120W
16,540 lm
400W
approx HID equiv

180W
24,920 lm
700W
approx HID equiv

300W
41,800 lm
To 1000W
approx HID equiv





tigerlight®

Leaders in energy efficient lighting



Tiger LED MegaFloods

30W 60W 90W 120W 300W

Versatile bracket options

SURFACE MOUNTED (D)

Tucks close under the ceiling or rafters



WALL MOUNTED (W)

Mounts light almost flush against walls



SHOEBOX STYLE WITH SPIGOT ADAPTOR (T)

For use on poles with area light lenses



Other bracket & housing options

See separate data sheets

SHOEBOX STYLE WITH HINGED SPIGOT ADAPTOR (L)

For use on poles in carparks or on billboards with area lenses



TIGER SENTRY LIGHT 30W & 60W (WP)

Wall-mounted security lighting with area lenses



SURFACE MOUNTED CANOPY LIGHT (CA120S/CA160S)

Ideal for food industry 120W & 160W



RECESSED CANOPY LIGHT (CA120/160)

Recesses into canopy/ceiling 120W & 160W available



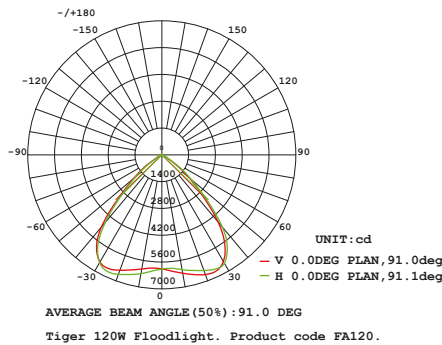
Photometrics

Standard lens: T5M. 90 degrees round.

Other lenses available on special order:

- 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
346 lux (centre)	4m	2m
87	8	4
38	12	6
22	16	8
14	20	10
9	24	12
7	28	14
6	32	16
5	36	18
4	40	20

60W 90° beam angle

Lux	Beam Diameter	Height
675 lux (centre)	4m	2m
168	8	4
75	12	6
42	16	8
27	20	10
19	24	12
14	28	14
10	32	16
8	36	18
7	40	20

120W 90° beam angle

Lux	Beam Diameter	Height
1380 lux (centre)	4m	2m
346	8	4
153	12	6
87	16	8
56	20	10
33	24	12
28	28	14
22	32	16
17	36	18
14	40	20

180W 90° beam angle

Lux	Beam Diameter	Height
2065 lux (centre)	4m	2m
517	8	4
229	12	6
130	16	8
82	20	10
58	24	12
42	28	14
35	32	16
26	36	18
21	40	20

300W 90° beam angle

Lux	Beam Diameter	Height
3468 lux (centre)	4m	2m
868	8	4
385	12	6
217	16	8
140	20	10
96	24	12
71	28	14
56	32	16
43	36	18
35	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 XPG3 x 18	Cree XPG3 x 36	Cree XPG3 x 72	Cree XPG3 x 108	Cree XPG3 x 180
LED driver	Philips Xitanium	Philips Xitanium	Philips Xitanium	Philips Xitanium	Philips Xitanium
Luminous Flux / efficiency	4,280 lm / 140 lm/W	8,660 lm / 140 lm/W	16,540 lm / 140 lm/W	24,920 lm / 140 lm/W	41,800 lm / 140 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 brackets:	Flood - UR bracket standard - no suffix / Surface mount: C / Wall mount: W / Shoebox fixed spigot: T / Shoebox hinged spigot: L				