



Tiger LED MegaFloods

40W 80W 120W 200W 320W

Latest modular design - powerful yet compact

Outstanding performance - 130+ lm/W

Bracket & lens options for most applications.

Superior performance & reliability

- 130 lumens per watt output
- Latest high performance 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.



40W modules of 18 LEDs



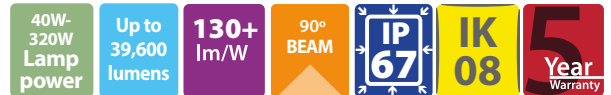
120W fitting - normal replacement for 400W HID

Standard pole/wall bracket on fittings is offset for flexibility during installation

MEGAFLOOD by tigerlight

Applications

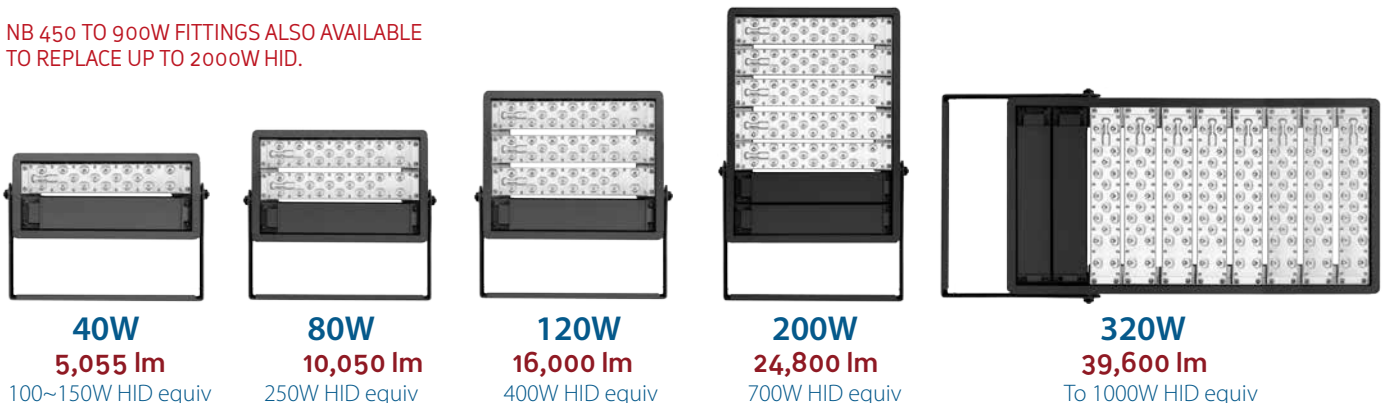
- Indoor & outdoor flood, security and task lighting including heavy industry, mining, coolrooms, storage areas, loading bays, yards, perimeters and carparks
- Architectural illumination, museums.



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

NB 450 TO 900W FITTINGS ALSO AVAILABLE TO REPLACE UP TO 2000W HID.



40W

5,055 lm

100~150W HID equiv

80W

10,050 lm

250W HID equiv

120W

16,000 lm

400W HID equiv

200W

24,800 lm

700W HID equiv

320W

39,600 lm

To 1000W HID equiv



Tiger LED MegaFloods

40W 80W 120W 200W 320W 450-900W also available

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



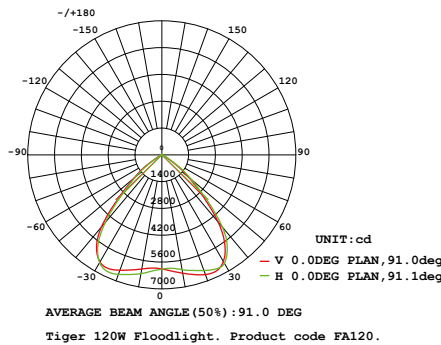
Photometrics

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



MEGA MODULAR LIGHTING SYSTEM

40W 90° beam angle

Lux	Beam Diameter	Height
408 lux (centre)	4m	2m
103	8	4
45	12	6
26	16	8
17	20	10
11	24	12
8	28	14
7	32	16
6	36	18
5	40	20

80W 90° beam angle

Lux	Beam Diameter	Height
783 lux (centre)	4m	2m
195	8	4
87	12	6
49	16	8
31	20	10
22	24	12
16	28	14
12	32	16
9	36	18
8	40	20

120W 90° beam angle

Lux	Beam Diameter	Height
1338 lux (centre)	4m	2m
336	8	4
148	12	6
85	16	8
54	20	10
32	24	12
28	28	14
22	32	16
17	36	18
14	40	20

200W 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

320W 90° beam angle

Lux	Beam Diameter	Height
3300 lux (centre)	4m	2m
825	8	4
366	12	6
207	16	8
133	20	10
91	24	12
67	28	14
53	32	16
41	36	18
33	40	20

Specifications	40W	80W	120W	200W	320W
System Power Consumption	44W	77W	116W	192W	305W
Comparable metal halide	100-150W	200-250W	400W	700+W	To 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	700mA	700mA	700A	700mA	700mA
Power factor (PF)	≥ 0.95	≥ 0.95	≥ 0.95	≥ 0.95	≥ 0.95
LED chips	18 LEDs	36 LEDs	54 LEDs	90 LEDs	144 LEDs
LED driver	Philips Xitanium	Philips Xitanium	Philips Xitanium	Philips Xitanium	Philips Xitanium
Luminous Flux / efficiency	5,050 lm / 130 lm/W	10,050 lm / 130 lm/W	16,000 lm / 130 lm/W	24,800 lm / 130 lm/W	39600 lm / 130 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 (std - options avail)	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)	4.6kg	5.0kg	6.1kg	8.8kg	12.2kg
Dimensions exc bracket (LxWxD)	160 x 330 x 110mm	210 x 330 x 110mm	270 x 330 x 110mm	450 x 330 x 110mm	630 x 330 x 110mm
Product order code	FAB040	FAB080	FAB120	FAB200	FAB320
Add suffix for non-standard brackets:	Flood - UR bracket standard - no suffix / Surface mount: D / Wall mount: W / Shoebox fixed spigot: T / Shoebox hinged spigot: L				