



# Tiger LED MegaFloods

**NEW GENERATION ■ 80W 120W 200W 320W**

New generation modular design with sleek lines and distinctive black modules

2 voltage, 3 bracket & 11 lens options for all applications

All components interchangeable for faster assembly and local delivery

## Superior performance & reliability

140+ lumens per watt output

Latest high-performance LEDs and Meanwell HLG driver

Proven reliability in Australian conditions from -40 to +50°C.

## First class design and build quality

Compact modular design allows simple scalability and low cost manufacture

Sturdy polyester-coated aluminium chassis and heavy-duty steel brackets. IK10 for impact resistance.

Individual polycarbonate lenses over chips - no glass

Surge protection device - I<sub>max</sub> 20kVA. Rated IP67.

## Specified to suit almost any application

3 bracket types and 11 different optical lens options provide the flexibility to suit any installation

Standard specification is 277VAC, T5M square optical lenses, 5000K CCT and black housing.

415VAC, Photocells & Dimming available as special orders.

**480 TO 960W FITTINGS ALSO AVAILABLE, TO REPLACE UP TO 2000W HID.**



**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
- Advertising billboards and signage on walls.



**80W**  
**11,500 lm**  
250W HID equiv



**120W**  
**17,420 lm**  
400W HID equiv



**200W**  
**29,105 lm**  
700W HID equiv



**320W**  
**44,620 lm**  
To 1000W HID equiv

# Tiger LED MegaFloods

**80W 120W 200W 320W** 480-960W also available

## WALL/POLE MOUNTED (U)

Standard floodlight configuration for walls and poles

**120W**

**320W**


## FIXED 90° SPIGOT BRACKET (T)

For use on poles in carparks, roadways and pedestrian areas



## HINGED SPIGOT BRACKET (L)

For use on poles or to illuminate building signage or advertising billboards



## Optical lens options

11 lens options are common for floodlighting.

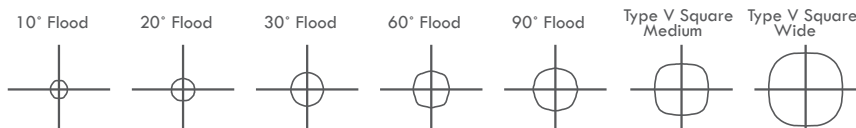
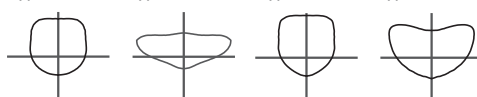
Asymmetric: T3S, T3M, T4S, T4M

Square: T5M (standard), T5W.

Round: T10D, T20D, T30D, T60D, T90D

**NB Standard lens is T5M square.**
**DELIVERY:** Please allow up to 6-8 weeks for special order items where sufficient components may not be available locally.

Type III Short Type III Medium Type IV Short Type IV Medium


**MEGA  
FLOOD**  
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Specifications	80W	120W	200W	320W
Comparable metal halide	200-250W	400W	700+W	To 1000W
Input voltage options	AC 120-277V / 277-480VAC	AC 120-277V / 277-480VAC	AC 120-277V / 277-480VAC	AC 120-277V / 277-480VAC
Input current	700mA	700A	700mA	700mA
Power factor / THD (at full load)	≥ 0.9 / <20%	≥ 0.9 / <20%	≥ 0.9 / <20%	≥ 0.9 / <20%
LED chips	36 LEDs in 2 modules	54 LEDs in 3 modules	90 LEDs in 5 modules	144 LEDs in 8 modules
LED driver	Meanwell HLG Series	Meanwell HLG Series	Meanwell HLG Series	Meanwell HLG Series
Surge protection device	Imax 20KA	Imax 20KA	Imax 20KA	Imax 20KA
Dimming	1-10VDC / DALI	1-10VDC / DALI	1-10VDC / DALI	1-10VDC / DALI
Luminous Flux / efficiency	11,500 lm / 140 lm/W	17,420 lm / 140 lm/W	29,105 lm / 140 lm/W	44,620 lm / 140 lm/W
Colour rendering index (CRI)	Ra >70	Ra >70	Ra >70	Ra >70
Colour temperature -standard	5,000K	5,000K	5,000K	5,000K
Light distribution (options avail)	IESNA Type V Medium	IESNA Type V Medium	IESNA Type V Medium	IESNA Type V Medium
Working ambient temperature	-40 ~ +50°C	-40 ~ +50°C	-40 ~ +50°C	-40 ~ +50°C
Warranty	5 years	5 years	5 years	5 years
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)
Net weight (with Flood bracket)	6.9kg	7.4kg	10.0kg	12.8kg
Dimensions exc bracket (LxWxD)	475x323x85mm	475x323x85mm	475x440x85mm	475x628x85mm
Order code U-bracket - 277 / 415VAC	FLC080-XXX / FLC080H-XXX	FLC120-XXX / FLC120H-XXX	FLC200-XXX / FLC200H-XXX	FLC320-XXX / FLC320H-XXX
L-bracket - 277 / 415VAC	FLC080L-XXX / FLC080HL-XXX	FLC120L-XXX / FLC120HL-XXX	FLC200L-XXX / FLC200HL-XXX	FLC320L-XXX / FLC320HL-XXX
T-bracket - 277 / 415VAC	FLC080T-XXX / FLC080HT-XXX	FLC120T-XXX / FLC120HT-XXX	FLC200T-XXX / FLC200HT-XXX	FLC320T-XXX / FLC320HT-XXX
(XXX denotes lens options)				
(U-bracket is standard wall/pole mount bracket. L-bracket is adjustable pole mount. T-bracket is fixed pole mount)				