



# Tiger LED MegaFloods - billboards & signage

120W ▪ 160W ▪ Hinged bracket

OTHER SIZES AVAILABLE ON SPECIAL ORDER

Ideal configuration for signage & advertising billboards

Outstanding performance - **now 140 lm/W**

Choice of lenses and brackets for extra flexibility.

## Superior performance & reliability

- 140 lumens per watt output
- High performance LEDs & latest Inventronics driver
- Proven reliability in Australian conditions
- 50,000+ hour service life. 5 years warranty.

## First class design and build quality

- Compact modular design
- Low cost assembly of top quality components
- Sturdy polyester-coated aluminium chassis. IK10
- Individual polycarbonate lenses over chips - no glass.

## Specified to suit application

- T3M area lenses are the standard specification with 15 options available on special order
- Bright, white 5000K light
- Rated IP67. IK10 for impact resistance
- Operating temperatures from -40 to +50°C.
- Black housing colour is standard, with grey also available.

NB Some lens types and colours and size combinations are special order items only. Please allow 7-8 weeks for delivery.



120W MegaFloods with hinged brackets for 60mm diameter spigot.

## Applications

- Heavy duty industrial-quality lighting
- Hinged fitting ideal for illuminating advertising billboards and signage on buildings.
- Carpark, street and tennis court lighting



Hinged bracket allows light beam to be adjusted up and down to maximise coverage.

The fitting remains fixed firmly in position according to the lighting plan.

60mm spigot size



Wall/pole brackets also available for installation without spigots.

**MEGA**  
MODULAR  
LIGHTING  
SYSTEM



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## BILLBOARD LIGHT 120W & 160W. Scalable up to 320W.

Hinged mounting bracket allows fitting to be turned up or down from horizontal or vertical position for precise direction of light beam.

120W and 160W fittings are standard, with T3M lenses.

Larger sizes available, with a lead time.

All L brackets fit onto a 60mm spigot.



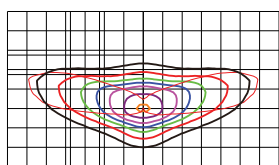
120W

160W

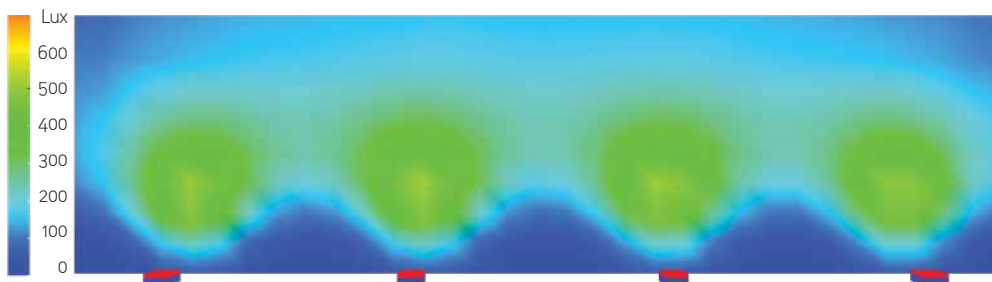
320W

## Typical photometrics with T3M lens

The example below shows 4 x 120W Billboard lights with T3M batwing style lenses, illuminating a billboard 12.7m wide and 3.4m high. Target average levels are approx 250-300 lux. Even distribution of light is equally important. T3M lenses produce a good even spread of light across the face of the billboard.



**T3M** Type III Medium lenses

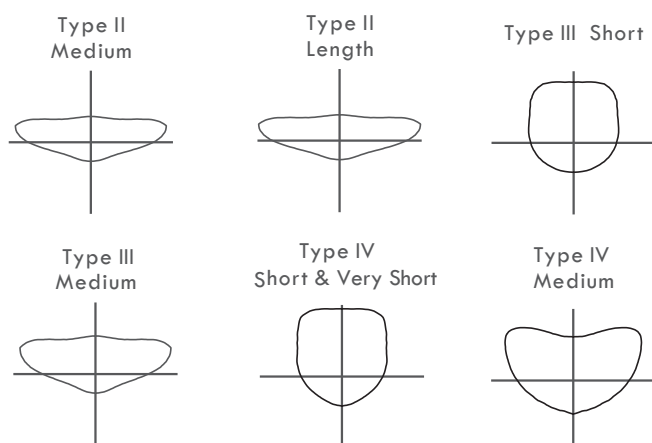


## Photometrics - Lens options available

7 different asymmetric lens options are available.

The standard configuration is T3M.

Others may require a special order. Allow 7-8 weeks.



## Technical Parameters

Specifications	120W	160W
Comparable metal halide	400W	500-600W
Luminous Flux @ 120 lm/W	17,420 lm	22,750 lm
LED drive current	700mA	
Input voltage & frequency	120-277VAC/50-6Hz	
Power factor (PF)	≥ 0.95	
LED modules / LED chips	3 modules	4 modules
LED driver	Inventronics	
Colour rendering index (CRI)	Ra >70	
Colour temperature	5,000K	
Light distribution	6 asymmetric	
Most common asymmetric lenses	Most common are T2M, T3M, T4S.	
Working ambient temperature	-40 ~ +50°C	
Warranty	5 years	
IP rating	IP67 (modules & driver compartment)	
Service life	≥ 50,000 hours	
Composition - lenses	Polycarbonate	
- Housing/ heatsink	Aluminium/steel	
- Protective coating on housing	Polyester (100µm min)	
Net weight	8kg	9.5kg
Dimensions (LxWxD) fitting	475x323x85mm	475x385x85mm
Product order code - Hinged bracket	FLC120L (120W)	FLC160L (160W)

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