



Tiger LED MegaFloods

REMOTE DRIVER OPTION • 480W • 720W • 960W

Facilitates access for future maintenance
 Reduces weight on poles and wall mounts
 Benefits for high heat and vibration areas.

HIGH PERFORMANCE COMPONENTS IN MODULAR DESIGN

- Output efficiency 130 lm/W
- Top quality Inventronics driver and LEDs
- New sleek housing design
- Unique black modules
- IP67. IK10. No glass.

BUILT TO YOUR SPECIFICATION

- 14 optical lenses
- 4 colour temperatures
- Housing colour options
- 3 bracket options (U/T/L)
- 2 voltages: 100-277VAC & 415VAC
- Dimmable 1-10VDC and DALI.



Remote driver assembly - one or two drivers

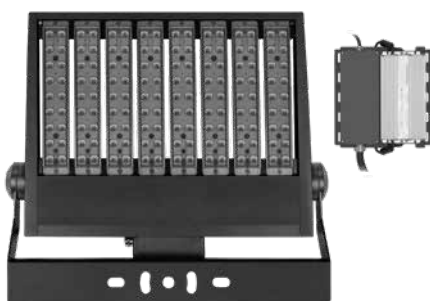
U-bracket standard flood bracket.

L-bracket adjustable pole mount

T-bracket fixed pole mount

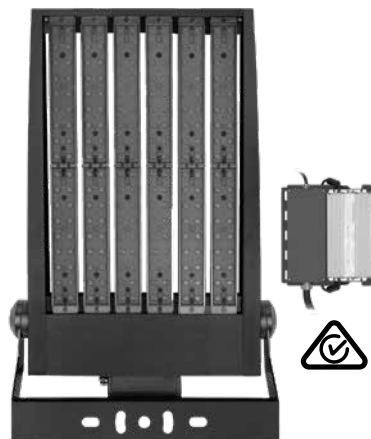
Applications

Indoor & outdoor flood and area lighting in heavy industry, mining, transport, railyards, perimeters, carparks, stadiums and other sporting venues. Mounted on walls, ceilings and poles. 415VAC option for 3-phase installations.



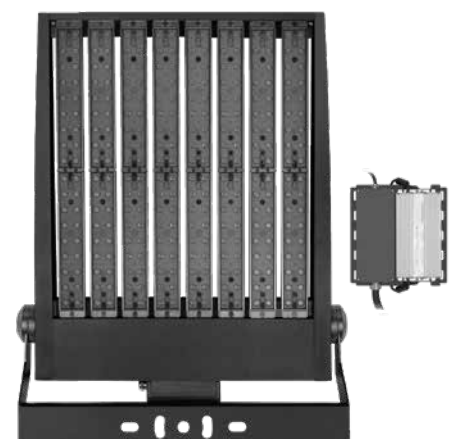
MEGA480

480W 61,260 lm
1000W+ HID equivalent



MEGA720

720W 91,630 lm
2000W HID equivalent



MEGA960

960W 122,680 lm
2000W+ HID equivalent

Dimensions

MEGAFLOOD
by tigerlight

MEGA 480

480W

Light fitting:

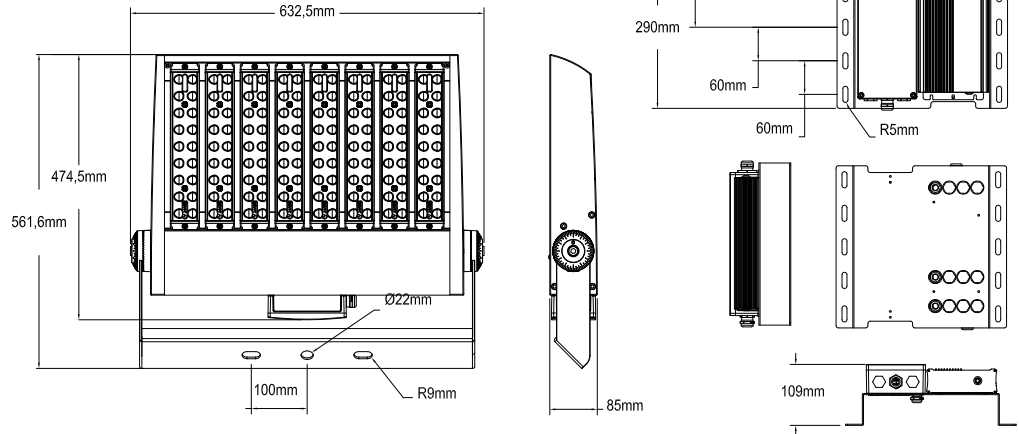
8 x 60W modules
Weight 11.0kg
Dim 475x628x85mm

Driver assembly:

Drivers 1 x 480W
Drive current 1050mA
Voltage 277 or 415VAC
Weight 5.7kg
Dim 290x305x109mm

Cabling:

Standard 3 core



MEGA 720

720W

Light fitting:

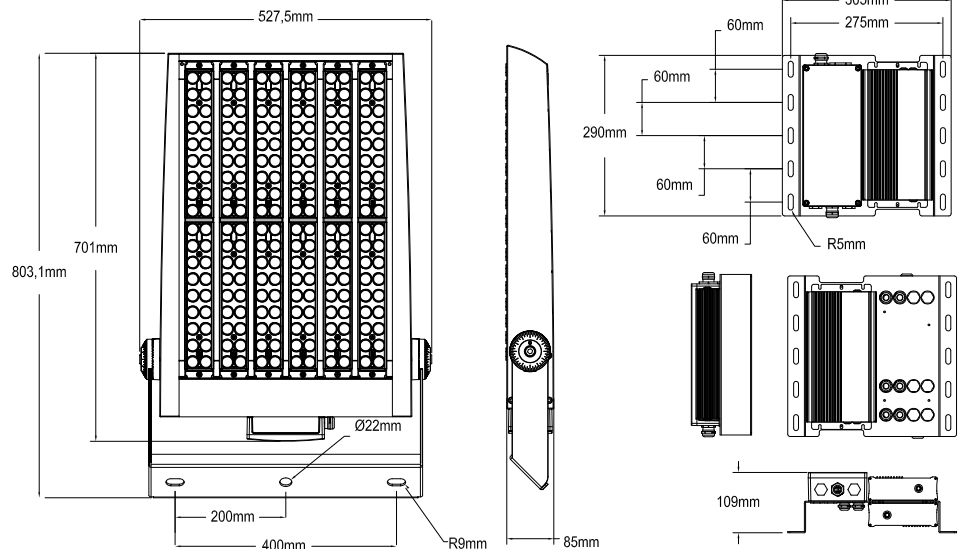
6x2x60W modules
Weight 13.1kg
Dim 795x523x85mm

Driver assembly:

Drivers 2 x 480W
Drive current 1050mA
Voltage 277 or 415VAC
Weight 8.4kg
Dim 290x305x109mm

Cabling:

5 core (FLS5CC-1M)
Available separately



MEGA 960

960W

Light fitting:

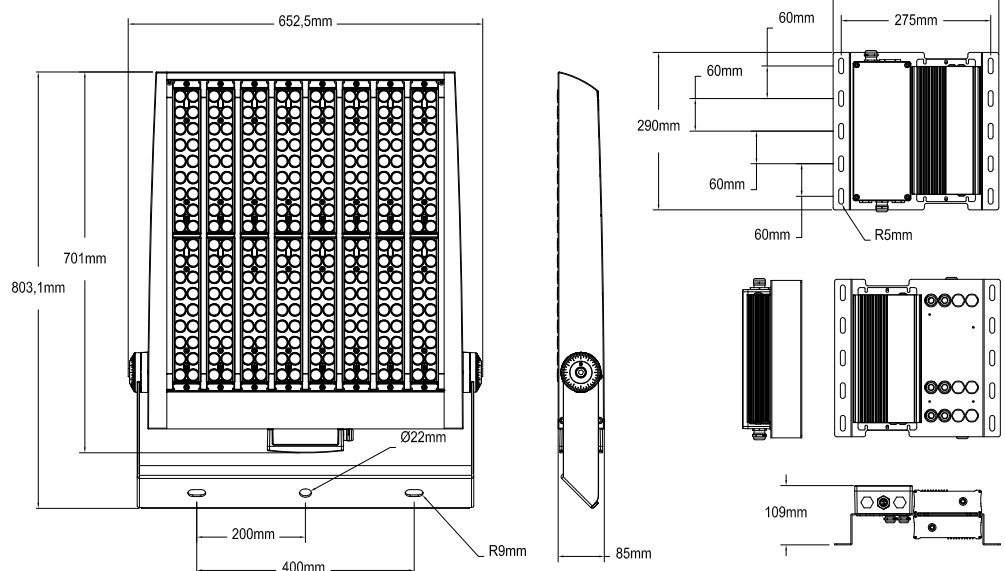
8x2x60W modules
Weight 16.1kg
Dim 795x648x85mm

Driver assembly:

Drivers 2 x 480W
Drive current 1050mA
Voltage 277 or 415VAC
Weight 8.4kg
Dim 290x305x109mm

Cabling:

5 core (FLS5CC-1M)
Available separately





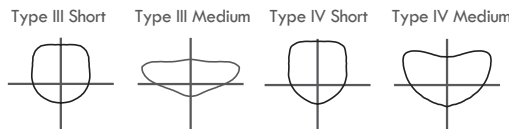
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Optical lens options to suit all applications

11 lens options are most commonly used:

Asymmetric:
T3S, T3M, T4S, T4M.













Symmetric:
Square: T5M (standard), T5W
Round: T10D, T20D, T30D, T60D, T90D
NB Standard lens is T5M square medium.



**MEGA
FLOOD**
by tigerlight

EPA*
(Sq ft - U bracket)

	0°Tilt	10°Tilt	20°Tilt	30°Tilt	45°Tilt	60°Tilt	70°Tilt	80°Tilt	90°Tilt
									
480W	0.72	0.99	1.26	1.52	1.79	2.06	2.33	2.59	2.86
720W	0.90	1.28	1.65	2.03	2.40	2.78	3.15	3.53	3.90
960W	0.96	1.46	1.96	2.46	2.97	3.47	3.97	4.47	4.97

* EPA units are square feet

DELIVERY: Please allow up to 6-8 weeks for special order items and where sufficient components may not be available locally.

Technical Parameters

MEGA480

MEGA720

MEGA960

Modular LED flood Lumen output (lm) HID equiv (approx)	480W 61,260 1000W+	720W 91,630 2000W	960W 122,680 2000W+
Input voltage	AC 100-277V or 277-480VAC	AC 100-277V or 277-480VAC	AC 100-277V or 277-480VAC
LED drive current	1050mA	1050mA	1050mA
Power factor (PF)	PF ≥ 0.9 at full load	PF ≥ 0.9 at full load	PF ≥ 0.9 at full load
Total Harmonic Distortion	<20% at full load	<20% at full load	<20% at full load
LED chips	High-performance 130+lm/W	High-performance 130+ lm/W	High-performance 130+ lm/W
LED modules	8x60W modules	6x2x60W modules	8x2x60W modules
LED driver	Inventronics, 1x 480W	Inventronics, 2x 480W	Inventronics, 2x 480W
Luminous Flux	61,260 lm	91,630 lm	122,680 lm
Surge protection device	Imax 20KA	Imax 20KA	Imax 20KA
Dimming	1-10VDC, DALI	1-10VDC, DALI	1-10VDC, DALI
Colour temperature / CRI	5,000K / Ra >70	5,000K / Ra >70	5,000K / Ra >70
Lens type/beam spread	IESNA Types III, IV, V options	IESNA Types III, IV, V options	IESNA Types III, IV, V options
Light spill control	Options available	Options available	Options available
Working ambient temperature	-40 ~ +50°C	-40 ~ +50°C	-40 ~ +50°C
IP rating	IP67	IP67	IP67
Service life	≥ 50,000 hours	≥ 50,000 hours	≥ 50,000 hours
Composition - lenses/lens plate	Heavy duty polycarbonate	Heavy duty polycarbonate	Heavy duty polycarbonate
- Housing/heatsink	Aluminium	Aluminium	Aluminium
- Protective coating on housing	Polyester (100µm min)	Polyester (100µm min)	Polyester (100µm min)
Net weight - Light fitting / Driver pack	11.0kg / 5.7kg	13.1kg / 8.4kg	16.1kg / 8.4kg
Dimensions Light Fitting / Driver (LxWxD)	475x628x85mm / 290x305x109mm	795x523x85mm / 290x305x109mm	795x648x85mm / 290x305x109mm
Order code 100-277 VAC	FLD480L-XXX-REM	FLD720-XXX-REM	FLD960-XXX-REM
415VAC	FLD480H-XXX-REM	FLD720H-XXX-REM	FLD960H-XXX-REM
5 core cable, per metre	Not required	FLS5CC-1M	FLS5CC-1M
(XXX denotes lens options)	(Specify bracket required: U-bracket is standard flood bracket. L-bracket is adjustable pole mount. T-bracket is fixed pole mount)		