



Tiger LED MegaBays

CEILING-MOUNTED FLOODS ▪ 320W 480W 720W 960W

Exceptional output from 44,600 to 123,000 lumens
 Designed for extremely high ceilings and/or lux levels
 2 brackets, 2 voltages, 4 CCTs & 11 lens options
 to suit all applications



960W MegaBay
 D bracket, above & left
 U bracket, below.

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
 Heavy duty polycarbonate lens plates - no glass
 Surge protection device - I_{max} 20kVA
 Rated IP67. IK10 for impact resistance.

Specified to suit almost any application

Options include 415VAC, Photocells & Dimming
 11 different optical lens options provide the flexibility
 to suit any installation.

AVAILABILITY: These fittings are available on special order only.
 Allow 7-8 weeks for delivery by seafreight.
 120W & 200W fittings are also available on special order.

MEGABAY

by tigerlight

Applications

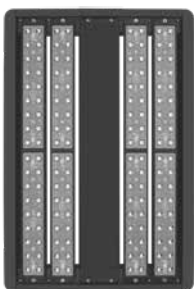
- Indoor & outdoor floodlighting where very high ceilings or exceptionally high lux requirements warrant higher power edfittings
- Ceiling mounted applications in heavy industry, mining, hangars and high engineering sheds.
- Sports and entertainment venues



320W

44,620 lm

~1000W HID equiv



8 x 40W modules, 2 drivers

480W

61,260 lm

~1500W HID equiv

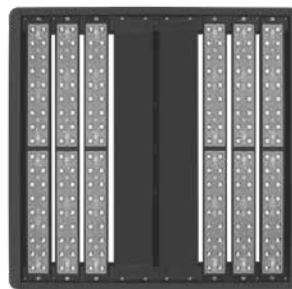


8 x 60W modules, 2 drivers

720W

91,630 lm

~2000W HID equiv

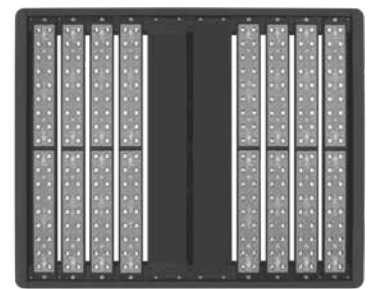


12 x 60W modules, 3 drivers

960W

122,680 lm

~3000W HID equiv



16 x 60W modules, 4 drivers

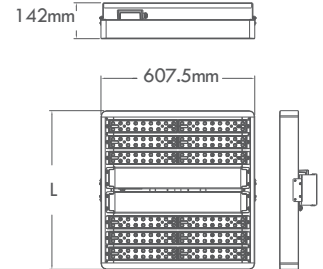


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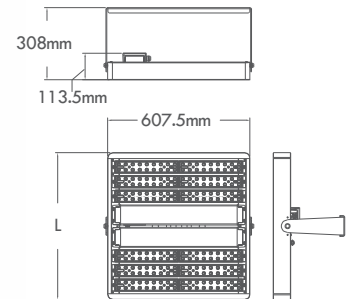
CEILING-MOUNTED FLOODS • 320W 480W 720W 960W 120 & 200W also available

TWO CEILING-MOUNTED BRACKET TYPES

D Bracket



U Bracket

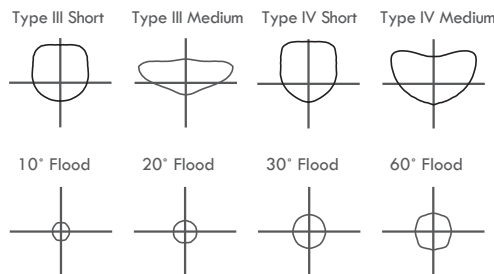


Pictured: 960W Megabay

Optical lens options

11 lens options are available.
 Square: T5M (standard), T5W.
 Round: T10D, T20D, T30D, T60D, T90D
 Asymmetric lenses are also available:
 T3S, T3M, T4S, T4M.

AVAILABILITY: These fittings are available on special order only. Allow 7-8 weeks for delivery by seafreight.



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Technical Parameters

Modular LED flood Lumen output (lm) HID equiv (approx)	320W 44,620 lm ~ 1000W	480W 61,260 lm ~1500W	720W 91,630 lm ~2000W+	960W 122,680 lm ~3000W
Input voltage	AC 120-277V / 277-480VAC	AC 100-277V or 277-480VAC	AC 100-277V or 277-480VAC	AC 100-277V or 277-480VAC
LED drive current	700mA	1050mA	1050mA	1050mA
Power factor (PF)	≥ 0.9 at full load	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	<20% at full load
LED chips	High-performance 140 lm/W	High-performance 130+lm/W	High-performance 130+ lm/W	High-performance 130+ lm/W
LED modules	8x40W modules	8x60W modules	6x2x60W modules	8x2x60W modules
LED driver	Meanwell HLG Series	Meanwell HLG Series	Meanwell HLG Series	Meanwell HLG Series
Luminous Flux	44,620 lm / 140 lm/W	61,260 lm	91,630 lm	122,680 lm
Surge protection device	Imax 20KA	Imax 20KA	Imax 20KA	Imax 20KA
Dimming option	1-10VDC, DALI	1-10VDC, DALI	1-10VDC, DALI	1-10VDC, DALI
Colour temperature / CRI	5,000K / Ra >70	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	IESNA Types III, IV, V options
Light spill control	Options available	Options available	Options available	Options available
Working ambient temperature	-40 ~ +50°C	-40 ~ +50°C	-40 ~ +50°C	-40 ~ +50°C
Service life	IP67	IP67	IP67	IP67
IP rating	≥ 50,000 hours	≥ 50,000 hours	≥ 50,000 hours	≥ 50,000 hours
Composition - lenses/lens plate	Heavy duty polycarbonate	Heavy duty polycarbonate	Heavy duty polycarbonate	Heavy duty 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 - light fitting	12.3kg	12.3kg	17.6kg	22.0kg
Dimensions of flood (LxWxD)	407x608x142mm	407x608x142mm	628x608x142mm	753x608x142mm
Order code D-bracket - 277 / 415VAC	FLC320D-XXX / FLC320H-XXX	FLD480D-XXX / FLD480HD-XXX	FLD720D-XXX / FLD720HD-XXX	FLD960D-XXX / FLD960HD-XXX
U-bracket - 277 / 415VAC	FLC320U-XXX / FLC320HU-XXX	FLD480U-XXX / FLD480HU-XXX	FLD720U-XXX / FLD720HL-XXX	FLD960U-XXX / FLD960HU-XXX

(XXX denotes lens options)