

HIGH POWERED FLOODLIGHT enl-SF484



The SF484 is an purpose designed high powered LED Floodlight. It is designed to light up multiple facility types including all sporting applications, airports and other large transport hubs.

FEATURES

- IP66 & IK08 robust design
- Corrosion resistant C4 (ISO 9223)
- 200-420VAC wide input range

OPTIONS

- 3 power options
- Multiple lens options
- CRI 90 for televised sports
- Optional Glare Shield for upright control
- Dimming with DALI and DMX



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PRODUCT RANGE

Model #	Rated Power (W)	Luminous Flux (lm)	Dimensions (mm)	Weight (kg)	
				Lamp Body	Driver Box
enl-SF484-600-xyy-z	600	78000	608 x 536 x 212	8.8	5
enl-SF484-1200-xyy-z	1200	156000	872 x 648 x 333	21	8
enl-SF484-1800-xyy-z	1800	234000	1206 x 709 x 415	36.7	6

x stands for CRI. Use 7 for Ra>70, 8 for Ra>80 or 9 for Ra>90
 yy stands for CCT. Use 30 for 3000K, 40 for 4000K, 57 for 5700K.
 z stands for Optics. Use A70N, A63M or A75W
 If Glare Shield is required, place -GS1 or -GS2 at the end of Model # depending on Optics

ACCESSORIES

Name	Item	Part Number	Description
Aiming Device		enl-SF-AD	Accurate adjustment of luminaire projected position.
Glare Shield 1		GS1 (A70N,A75W)	Maintains uplight control
Glare Shield 2		GS2 (A63M)	
Cable Protective Sleeve		enl-SF-CP	Protects wiring from birds

COMPLIANCE

The enl-SF484 meets all relevant standards and regulatory requirements.



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TECHNICAL INFORMATION

Optical

Light source	OSRAM LED
CRI	Ra>70, (Ra>80 and Ra>90 Optional)
CCT	5700K (3000K, 4000K Optional)
Luminaire efficacy	Up to 130lm/W

Electrical

Power consumption	600W - 1800W
Operating voltage & frequency	600W / 1200W : 200-277VAC, 50/60 Hz 1800W : 200-420VAC, 50/60 Hz
Power factor	> 0.9
Driver	Inventronics
Flicker	< 1%
Surge protection	20 KV (line-earth)

Environmental

IP rating	IP66
IK rating	IK08
Ambient temperature range	-30°C to +50°C
Material Composition (body)	Aluminium alloy
Material Composition (bracket)	SPCC
Material Composition (diffuser)	PC Lens
Fixture Colour	Black (RAL9017)
Corrosion Category	C4 (ISO 9223:2012)

LED Lifespan

>100,000hrs @L80

Warranty*

5 years

Data subject to change without notice
 * Refer to warranty policy

enLighten Australia Pty Ltd

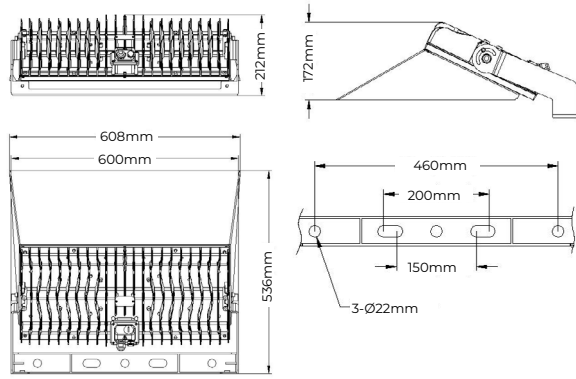
3/12 Frederick St, St Leonards, NSW 2065

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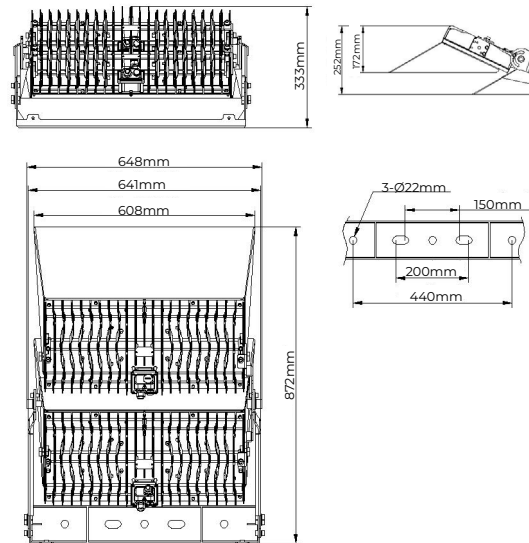


FITTING DIMENSIONS

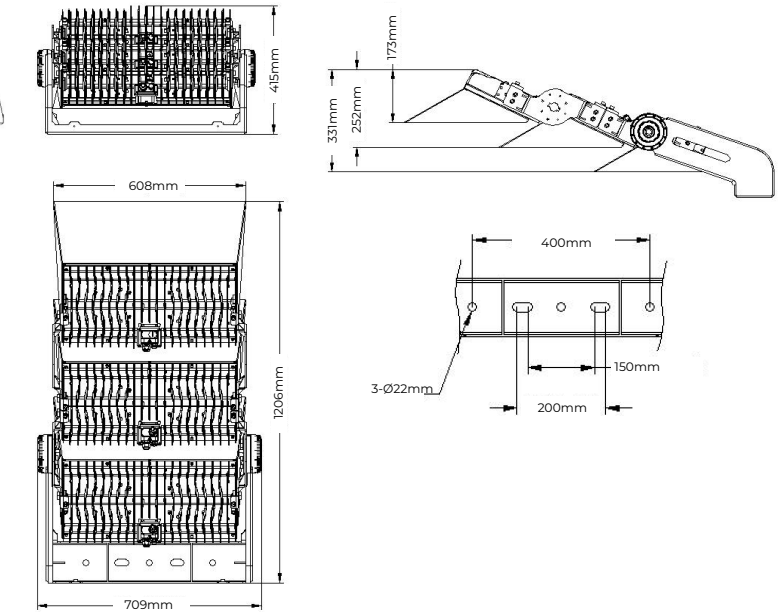
600W



1200W



1800W



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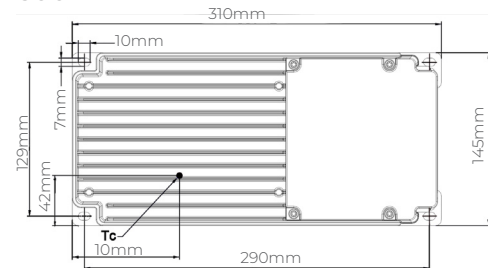
DRIVER FEATURES

- IP65
- IK08
- -40°C - +80°C
- Non-Isolated Class I Inventronics Driver
- No Afterglow
- Dim-to-Off with Standby Power $\leq 0.5W$ @ 230Vac
- Dimming Range: 0.1%-100%
- Max Remote Distance Up to 50 Meters (Dimming and Output)
- Ultra High Efficiency (Up to 97%)
- Full Power at Wide Output Current Range (Constant Power)
- DALI-2 and D4i Certified & DMX-RDM & 3-Timer- Modes Dimmable
- DALI-2/DMX-RDM Controls up to 44 fps
- Integrated Power Metering with High Accuracy up to $\pm 1\%$
- Low Inrush Current
- Input Surge Protection: DM 10kV, CM 10kV
- Input Over Voltage Protection, Input Under Voltage Protection, Over Voltage Protection, Short Circuit Protection, Over Temperature Protection, Over Power Protection

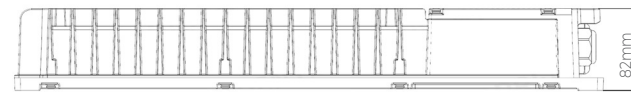
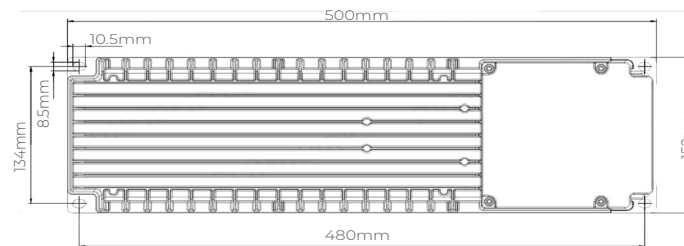


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600W



1200W/1800W



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