

FULMEN SERIES

High-Powered Floodlight enL-SF484



The SF484 is a purpose-designed LED high-powered Floodlight. It is designed to light up multiple facility types including all sporting applications, airports and other large transport hubs. Designs are compliant with Australian Standards in accordance with the activity, i.e., the type of sport being played.

It incorporates a high-efficiency driver specifically designed for this light, with DALI-2 dimming capability included as standard.

FEATURES

- IP66 & IK08 robust design
- Corrosion resistant C4 (ISO 9223)
- 200-420VAC wide input range
- DALI-2 Dimming
- Bird proof cable included in pricing for all projects

OPTIONS

- 3 power options
- Multiple lens options
- Optional glare shield for uplight control
- Driver can be mounted on the light or at the base of the pole



SPORTS
FIELDS



SPORTS
COURTS



BUILDING
PERIMETERS



LOADING
DOCKS



INDUSTRIAL
ESTATES



AIRPORTS



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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 upright control
Glare Shield 2		GS2 (A63M)	

LUMINAIRE WINDAGE (SCX)

600W	1200W	1800W
0.07m ² at 0° / 0.1m ² at 15° 0.14m ² at 30° / 0.16m ² at 45° 0.17m ² at 60° / 0.18m ² at 75°	0.09m ² at 0° / 0.18m ² at 15° 0.26m ² at 30° / 0.32m ² at 45° 0.35m ² at 60° / 0.36m ² at 75°	0.11m ² at 0° / 0.26m ² at 15° 0.39m ² at 30° / 0.49m ² at 45° 0.55m ² at 60° / 0.54m ² at 75°

COMPLIANCE

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



TECHNICAL INFORMATION

Optical

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

Electrical

Power consumption	600W - 1800W
Operating voltage & frequency	200-277VAC, 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
Controls	DALI-2 Dimming (Standard), DMX (Optional)
Warranty*	5 years

Data subject to change without notice
* Refer to warranty policy

www.enlighten.com.au | 1800 365 444



Ver 10

enLighten Australia Pty Ltd
3/12 Frederick St, St Leonards, NSW 2065

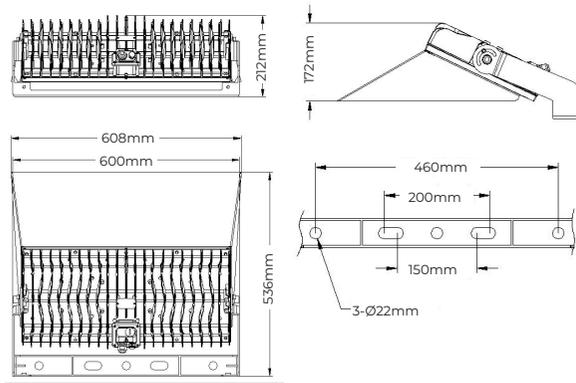
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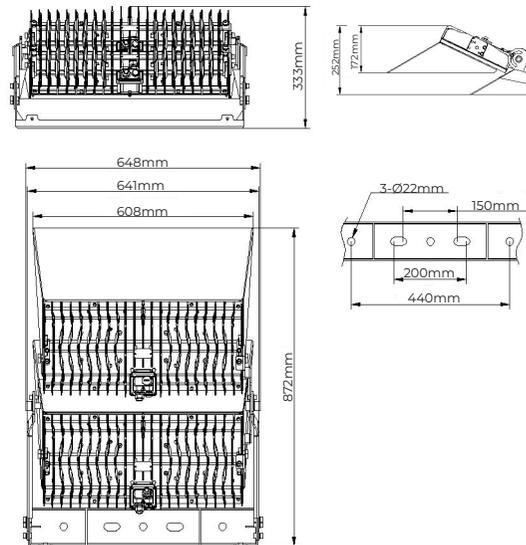


FITTING DIMENSIONS

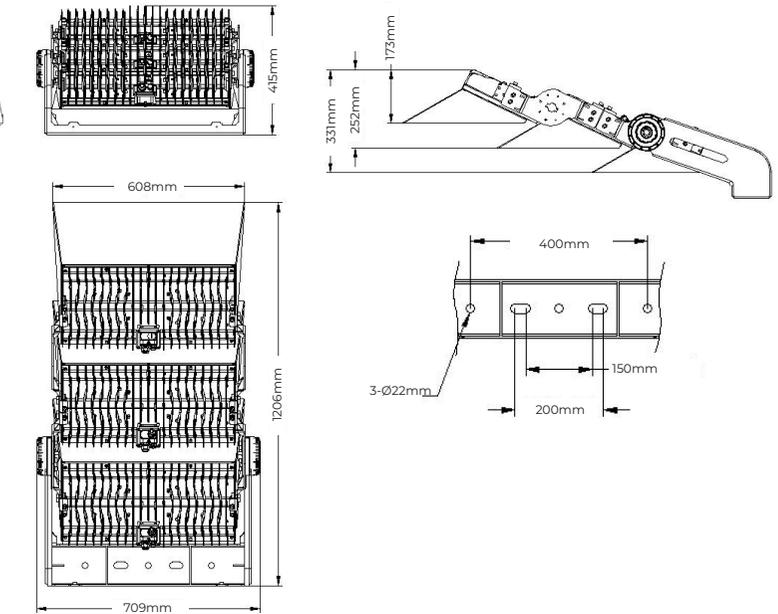
600W



1200W



1800W



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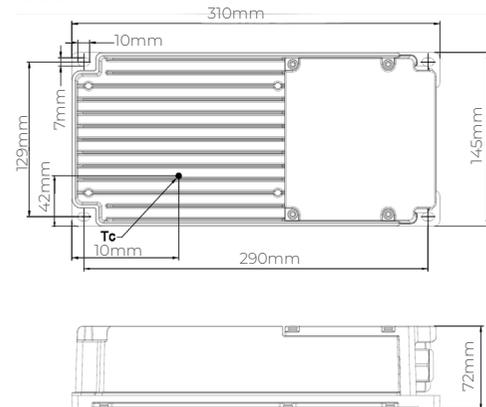
DRIVER FEATURES

- 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 metres (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

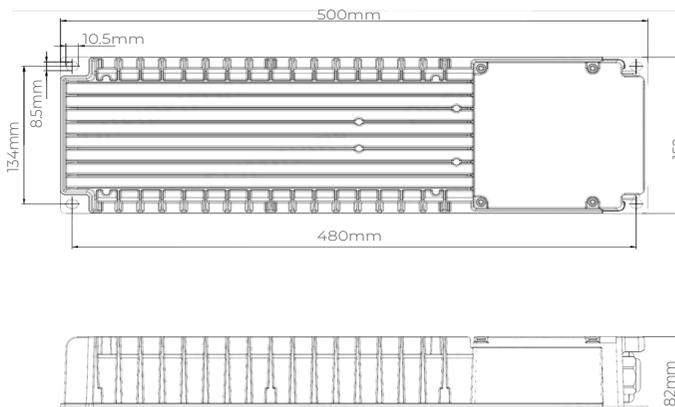


DRIVER DIMENSIONS

600W



1200W/1800W



DRIVER ACCESSORIES



Driver Clamp Bracket (Code : enl-SF-CMB)
Allows driver to be mounted to pole

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