

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

FEATURES

- IP66 & IK08 robust design
- Corrosion resistant C4 (ISO 9223)
- 200-420VAC wide input range
- DALI-2 and DMX 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
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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)	

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	200-420VAC, 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
Controls	DALI-2 Dimming DMX (Optional)
Warranty*	5 years

Data subject to change without notice

* Refer to warranty policy

www.enlighten.com.au | 1800 365 444



Ver 13

enLighten Australia Pty Ltd

3/12 Frederick St, St Leonards, NSW 2065

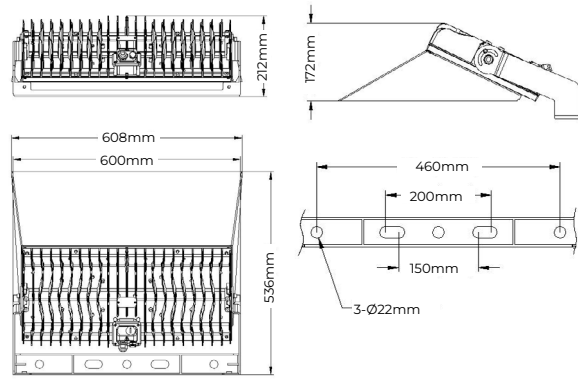
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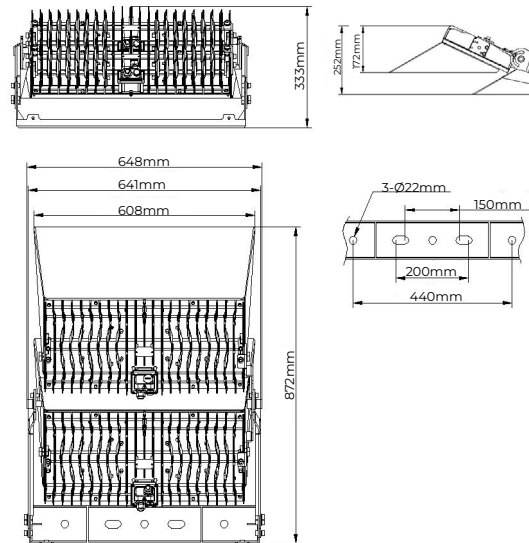


FITTING DIMENSIONS

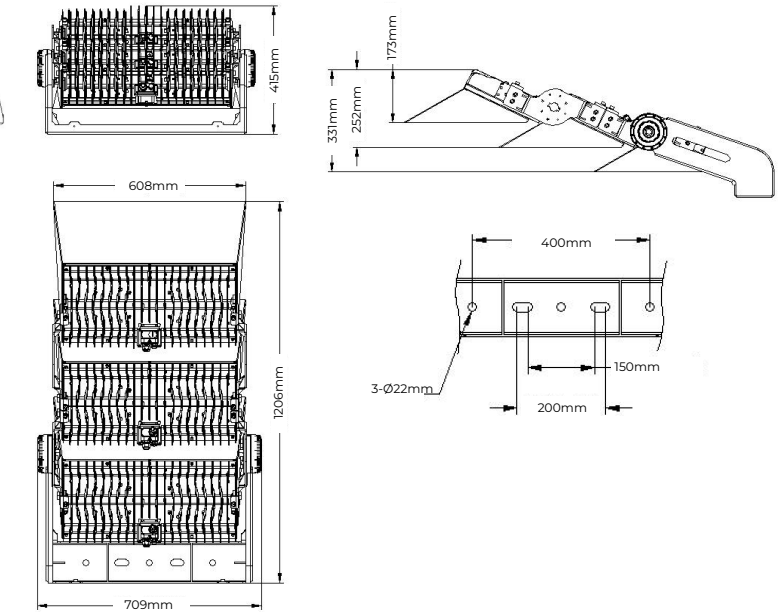
600W



1200W



1800W



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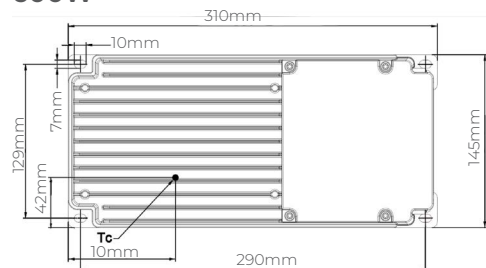
DRIVER FEATURES

- 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

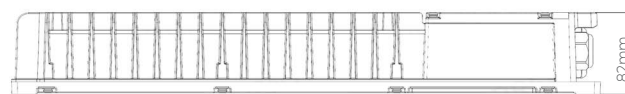
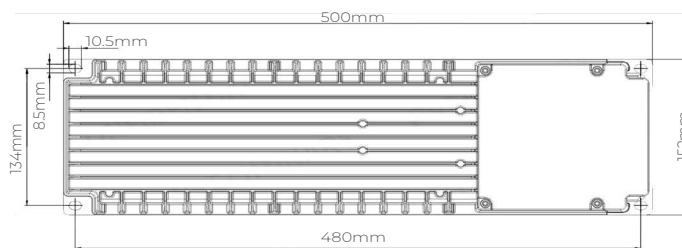


DRIVER DIMENSIONS

600W



1200W/1800W



DRIVER ACCESSORIES



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

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