

# FULMEN SERIES

## High-Powered Floodlight enl-SF484



*“Fulmen” is derived from Latin, meaning “lightning” or “thunderbolt.” It symbolises the floodlight’s powerful and intense illumination.*

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 uplight control
- Dimming with DALI-2 and DMX



SPORTS  
FIELDS



SPORTS  
COURTS



BUILDING  
PERIMETERS



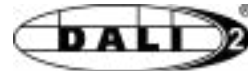
LOADING  
DOCKS



INDUSTRIAL  
ESTATES



AIRPORTS



# HIGH POWERED FLOODLIGHT enl-SF484







## 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.



[www.enlighten.com.au](http://www.enlighten.com.au) | 1800 365 444



Ver 5

## 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

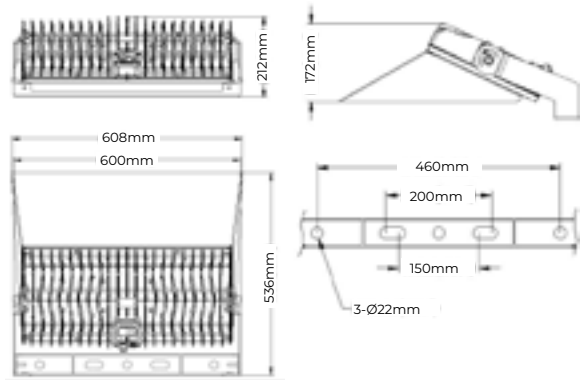
3/12 Frederick St, St Leonards, NSW 2065

# HIGH POWERED FLOODLIGHT enl-SF484

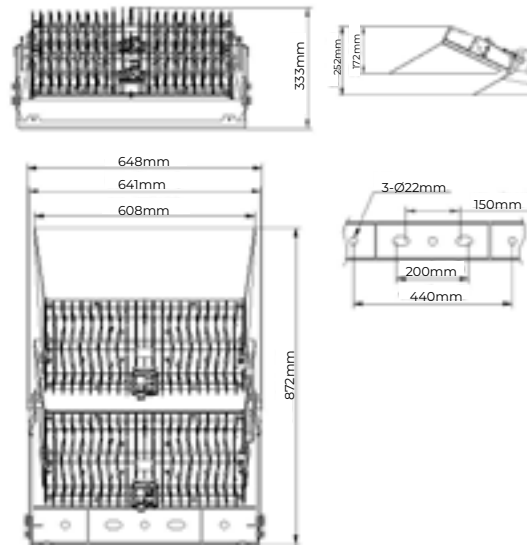


## FITTING DIMENSIONS

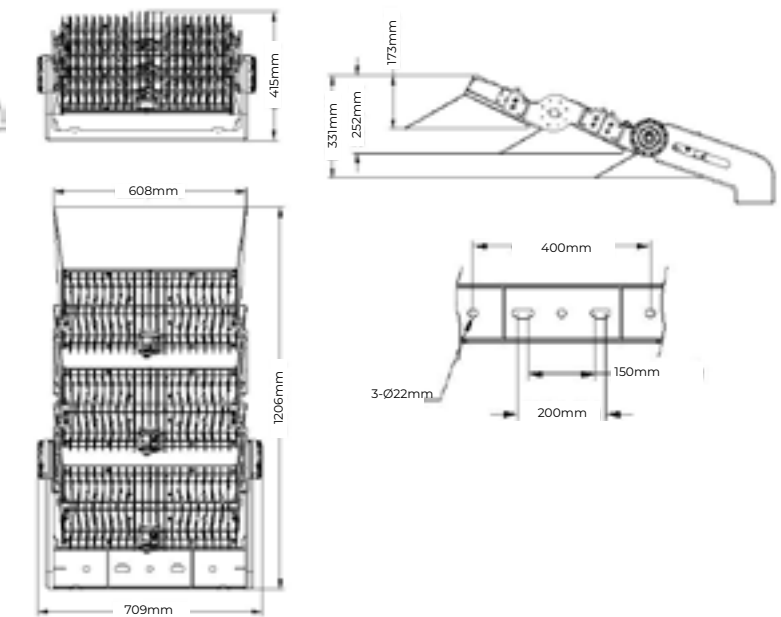
600W



1200W



1800W



## COMPLIANCE

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



[www.enlighten.com.au](http://www.enlighten.com.au) | 1800 365 444

Ver 5

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



# HIGH POWERED FLOODLIGHT enl-SF484



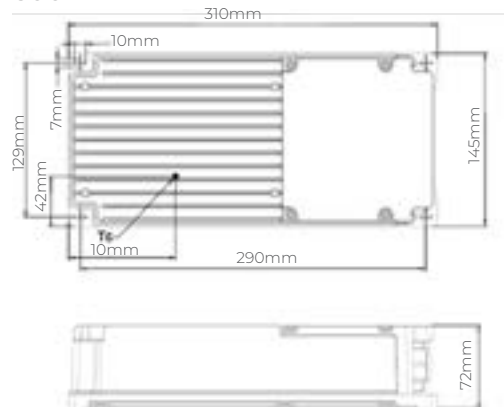
## DRIVER FEATURES

- 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

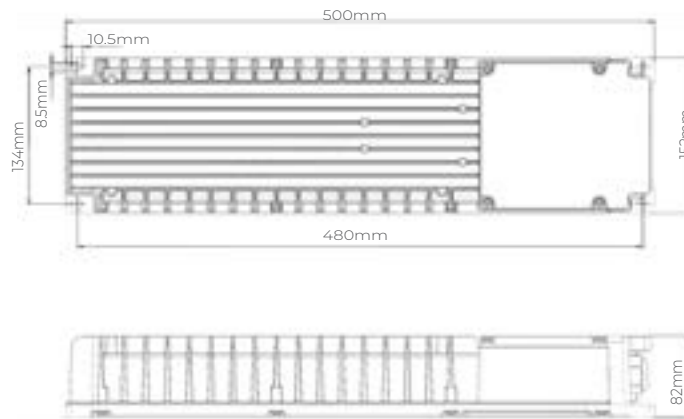


## DRIVER DIMENSIONS

600W



1200W/1800W



## COMPLIANCE

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

