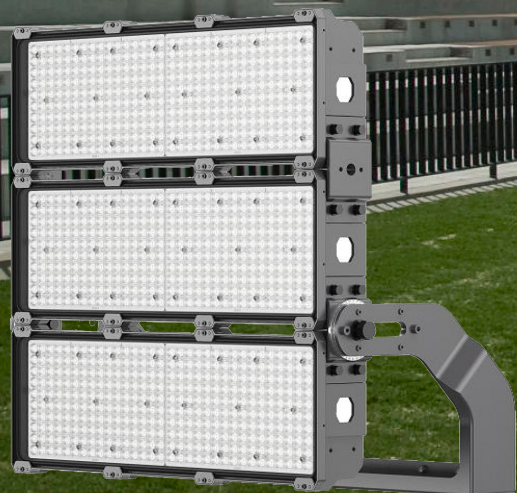




enLighten

Delivering Innovation Beyond Lighting



FULMEN SERIES

About Our Fulmen Series

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

Experience the Power of the Fulmen Series

Designed for industrial, commercial, and outdoor applications, the Fulmen Series by enLighten Australia is engineered to perform in the toughest conditions.

Versatile for Any Application

With a variety of specialised lenses, the Fulmen Series adapts to a wide range of needs from stadiums and car parks, to warehouses and public spaces.

Supported by professional lighting design

The Fulmen Series ensures optimal placement, beam angles, and uniformity to meet application-specific requirements. Whether enhancing visibility for athletes on the field or improving safety in industrial spaces, expert lighting design maximises performance and efficiency.

Unmatched Performance

The Fulmen Series delivers exceptional brightness and efficiency, ensuring clear visibility across vast areas. Using advanced LED technology, these floodlights maximise output while keeping energy use to a minimum—offering a smarter, more sustainable lighting solution.

Powered by a State of the Art Driver

Designed for these applications, the drivers are 97% efficient, capable of dimming down to 0.1%, support a wide voltage range, and are compatible with both DMX and DALI-2 control systems.

Effortless Installation & Low Maintenance

The Fulmen Series is designed for easy setup and minimal upkeep. With a streamlined installation process and durable components, these floodlights reduce maintenance time and costs.

Energy-Efficient & Cost-Effective

Choosing the Fulmen Series means lower power bills and a reduced environmental footprint. These energy-efficient floodlights help businesses cut costs while supporting sustainability goals.

Built to Last

Constructed from premium materials, the Fulmen Series is designed to handle extreme weather, heavy use, and challenging environments. Whether for outdoor sports, industrial sites, or large-scale infrastructure, these floodlights provide long-term reliability.

FULMEN SERIES

High-Powered Floodlight enl-SF257



The SF257 is a purpose-designed LED high-powered floodlight capable of lighting up large spaces, including sports applications from recreational to professional level. Very high level of corrosion resistance, flexibility with lens types and shielding making it a perfect light for applications close to the coast. It incorporates a high-efficiency driver specifically designed for this light, with DALI-2 and DMX dimming capability included as standard.

FEATURES

- Efficacy up to 145 lm/W
- Full cut-off asymmetric optics
- IP66 & IK08 robust design
- Corrosion resistant to C5 - with 1500 hours salt spray test
- Up to 50m cable length between driver and fitting
- 200-420VAC wide input range
- DALI-2 & DMX Dimming
- Bird proof cable included in pricing for all projects

OPTIONS

- Multiple power options from 600W to 1800W
- Driver can be mounted on the light or at the base of the pole



SPORTS
FIELDS



SPORTS
COURTS



BUILDING
PERIMETERS



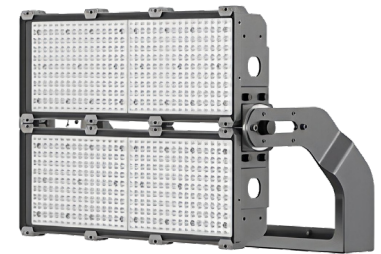
LARGE
CARPARKS



INDUSTRIAL
ESTATES



AIRPORTS



PRODUCT RANGE

Model #	Rated Power (W)	Luminous Flux (lm)	Dimensions (mm)	Weight (kg)	
				Lamp Body	Driver Box
enl-SF257-600-xyy-zz	600	86000	655x266x257	11.5	5.0
enl-SF257-750-xyy-zz	750	103000			
enl-SF257-1200-xyy-zz	1200	172000	663x462x347	23.6	6.0
enl-SF257-1500-xyy-zz	1500	206000			
enl-SF257-1800-xyy-zz	1800	260000	663x685x347	31.9	

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.

zz stands for Beam Angle. Use A56W for wide or A56M for medium asymmetric beams.

LUMINAIRE WINDAGE (SCX)

600W/750W	1200W/1500W	1800W
0.04m ² at 0° / 0.07m ² at 15° 0.1m ² at 30° / 0.12m ² at 45° 0.14m ² at 60°	0.04m ² at 0° / 0.11m ² at 15° 0.18m ² at 30° / 0.24m ² at 45° 0.28m ² at 60°	0.04m ² at 0° / 0.15m ² at 15° 0.26m ² at 30° / 0.35m ² at 45° 0.42m ² at 60°

TECHNICAL INFORMATION

Optical	
Light source	OSRAM LED
CRI	Ra>70, Ra>80, Ra>90
CCT	3000K, 4000K, 5700K
Luminaire efficacy	Up to 145lm/W
Electrical	
Power consumption	600W - 1800W
Operating voltage & frequency	200-420VAC, 50/60 Hz
Driver & voltage range	Inventronics, 176-500Vdc
Power factor	> 0.97
Flicker	< 1%
Environmental	
IP rating	IP66
IK rating	IK08
Ambient temperature range	600W, 1200W, 1800W : -30°C to +50°C 750W, 1500W : -30°C to +40°C
Material Composition (body)	Aluminium alloy
Material Composition (bracket)	SPCC
Material Composition (diffuser)	PC Lens + Tempered glass
Corrosion Category	C5 (ISO 9223:2012) 1500 hours salt spray test
LED Lifespan	>100,000hrs @L80
Controls	DALI-2 & DMX Dimming
Warranty*	5 years

Data subject to change without notice

* Refer to warranty policy

FULMEN SERIES

High-Powered Floodlight enI-SF257

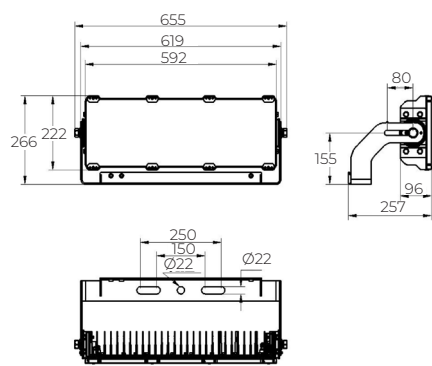


ACCESSORIES

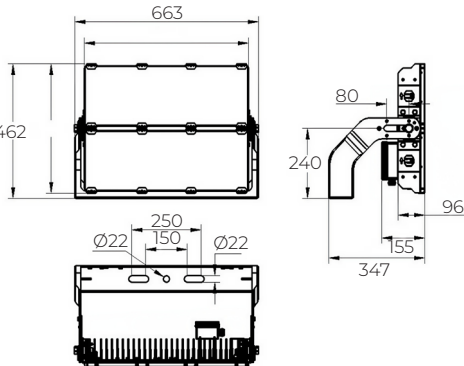
Name	Item	Part Number	Description
Aiming Device		enI-SF-AD	Helps position and adjust the fitting to ensure accurate illumination
Visor		enI-SF257-VI	Helps control and manage light spillage

FITTING DIMENSIONS (mm)

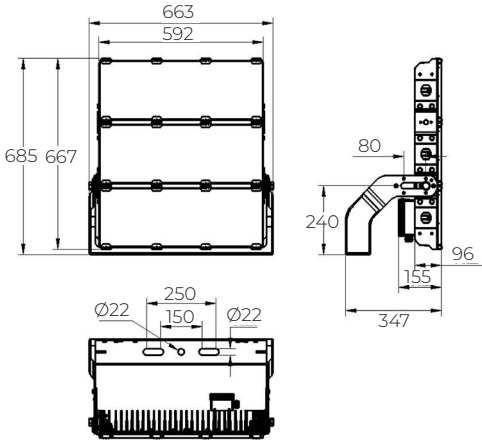
600W/750W



1200W/1500W



1800W



COMPLIANCE

The enI-SF257 meets all relevant standards and regulatory requirements.



FULMEN SERIES

High-Powered Floodlight enl-SF484



The SF484 is a purposed-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
COURTS



BUILDING
PERIMETERS



LARGE
CARPARKS



INDUSTRIAL
ESTATES



AIRPORTS



FULMEN SERIES

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

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°

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

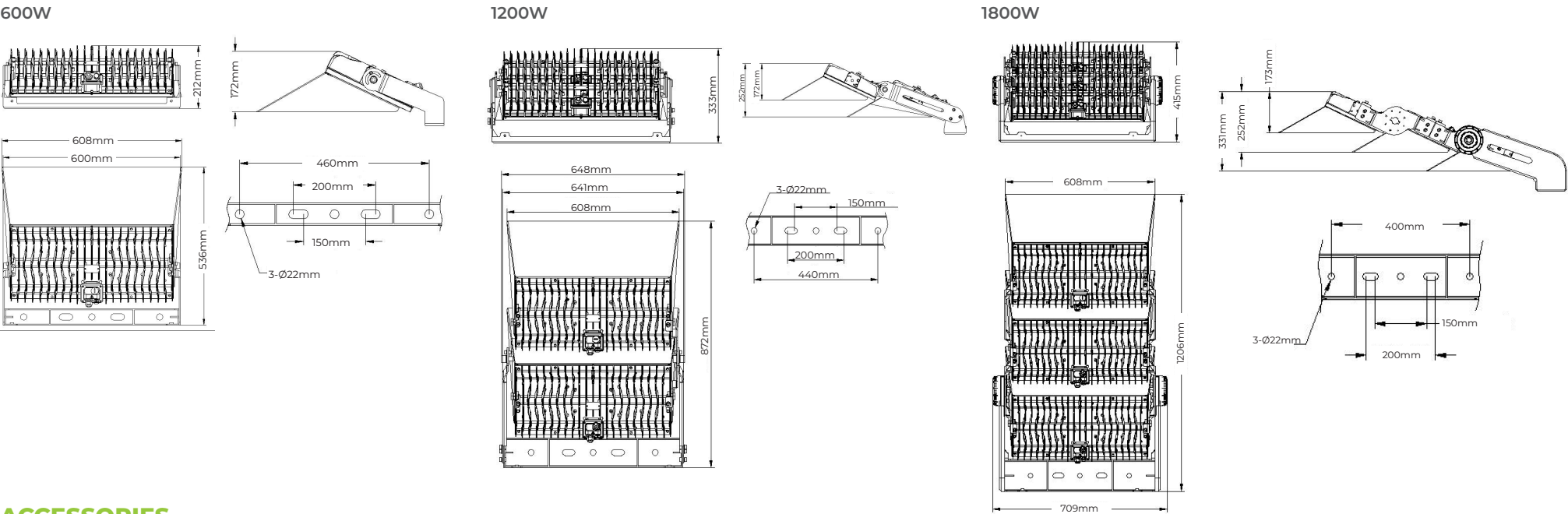
Data subject to change without notice
* Refer to warranty policy

FULMEN SERIES

High-Powered Floodlight enl-SF484



FITTING DIMENSIONS



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)	

COMPLIANCE

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



FULMEN SERIES

High-Powered Floodlight Drivers

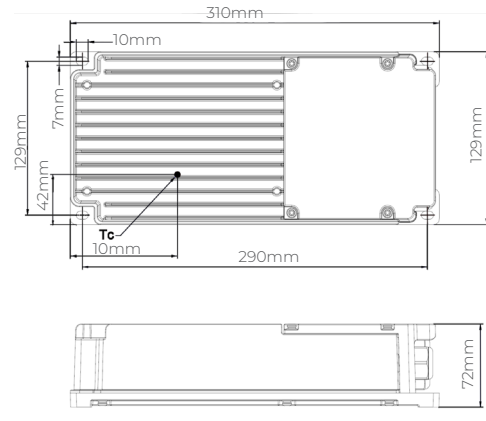
DRIVER FEATURES

- 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

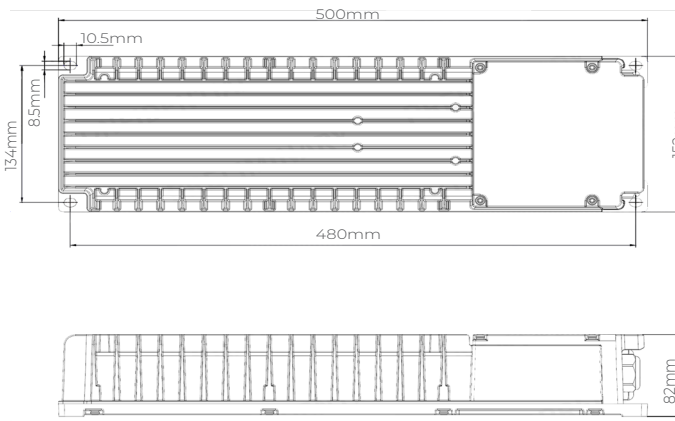


DRIVER DIMENSIONS

600W



750W/1200W/1500W/1800W



DRIVER ACCESSORIES



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

COMPLIANCE

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



Why enLighten

- ✓ We specialise in providing lighting solutions for indoor and outdoor environments in the commercial sector, catering to emergency and non-emergency applications.
- ✓ We are an award-winning LED lighting design and innovation company.
- ✓ With a proven track record of 5000+ commercial installations, we have successfully served some of Australia's largest commercial, retail, industrial buildings and government portfolios.
- ✓ Collaborating closely with clients, we design, manufacture, and supply customised lighting solutions to meet their specific requirements.
- ✓ Our products are built for Australian conditions, prioritising total cost ownership, long-term maintenance, and performance.
- ✓ We maintain high stock availability and have a 99.7% delivery in full, on-time rate.
- ✓ Our experienced in-house lighting designers have a deep understanding of the local environment and ensure lighting compliance.
- ✓ We provide local technical support and comprehensive warranty coverage.
- ✓ The majority of our products are IPART and VEET approved, allowing you to take advantage of state government rebates where applicable.
- ✓ Our products have a failure rate of less than 1% of total sales.
- ✓ Our prompt and efficient staff offer timely, best practice support and quoting.

Our Customers



Our Awards





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