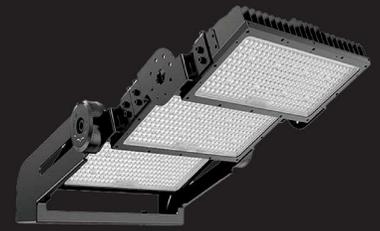# FULMEN SERIES

## High-Powered Floodlight enl-SF484

Installation Instructions

⚠️ NOTE: All electrical work must be carried out by a licensed electrician as per the latest AS 3000 wiring regulations.
This device must be operated within its specified operating parameters and in accordance with our warranty requirements.
These documents are available on our website.
DO NOT modify the luminaire. Only use luminaire in its intended location.
Ensure luminaire is not covered with material that prevents convection or conduction cooling

General

When beginning the installation, ensure that the point of installation is at least 150mm wide, and strong enough to hold the fitting weight and wind load using at least 1 M20 bolt and a large washer.
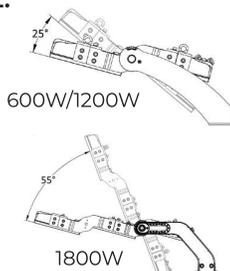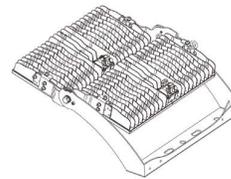
Preparation for Overslung Orientation
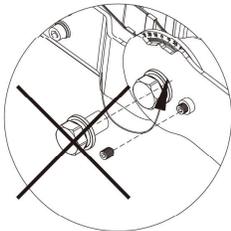
1.

Do not remove the bolt when rotating luminaire

2.

600W/1200W

1800W

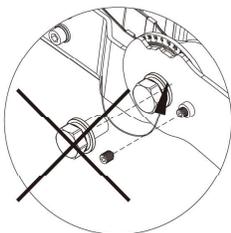Adjust fitting to preferred angle, then secure bolt.

3.

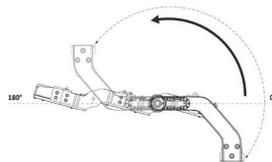Fitting is ready for mounting
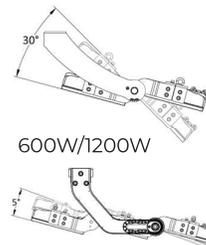
Preparation for Underslung Orientation

1.

Do not remove the bolt when rotating luminaire

2.

Rotate the fitting
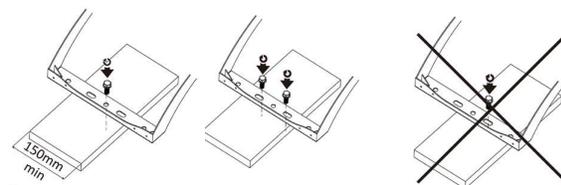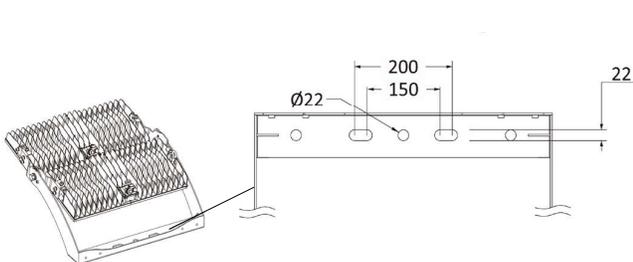
3.

600W/1200W

1800W

Adjust fitting to preferred angle, then secure bolt. The fitting is now ready for mounting

Mounting the fitting

When beginning the installation, ensure that the point of installation is at least 150mm wide, and strong enough to hold the fitting weight and wind load using at least 1 M20 bolt and a large washer.
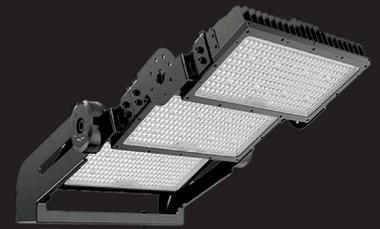

Ensure when mounting to secure a single bolt to the central mounting hole or two bolts in the left and right mounting hole, do not install with a single bolt in the right or left mounting hole.
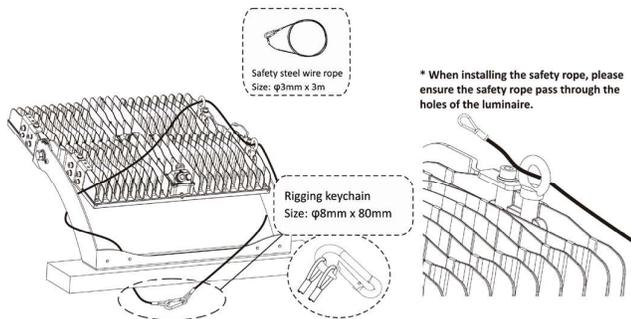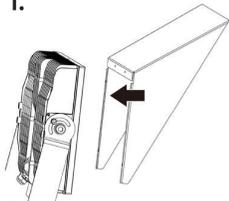
V4, Feb 2026

Safety Rope

When installing the required safety rope, please ensure it passes through the holes of the luminaire.

Safety steel wire rope
Size: φ3mm x 3m
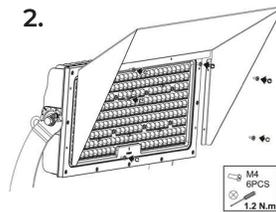
* When installing the safety rope, please ensure the safety rope pass through the holes of the luminaire.

Rigging keychain
Size: φ8mm x 80mm

Attaching the Visor

1.

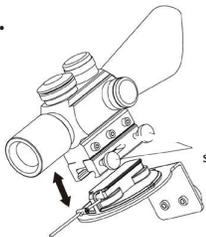Align the visor with the fitting

2.

M4
6PCS
1.2 N.m

Screw visor to the fitting
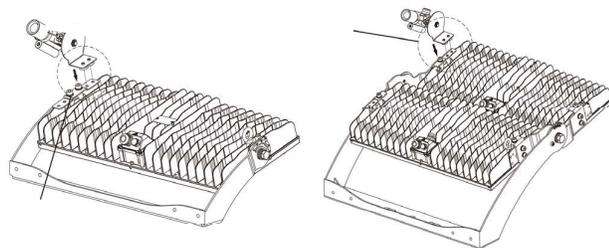
Attaching the Aiming Device

1.

Loosen screws on aiming device and attach to bracket, then tighen screws

2.

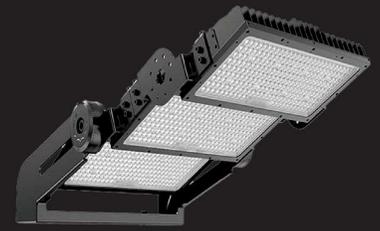Ensure aiming device is connected using provided cable accessory

3.

Rotate the aiming device to the angle specified in the lighting design and secure to fitting

Installation Instructions

Driver Installation on luminaire

1.

Fasten driver brackets to mounting bracket

2.

Attach and secure driver to brackets

3.

Adjust fitting to preferred angle, then secure bolt, ensuring it is not in the centre

4.

Ensure driver is topside up to avoid water damage

Driver Installation on pole

1.

Fasten driver to pole brackets **PART NO: (enl-SF-CMB)**

2.

Feed cable tie through brackets

3.

Line up driver to pole, and tighten cable ties to secure the driver

4.

Ensure the driver is the right way up, with the cable glands facing downwards
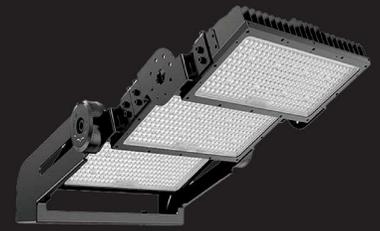
Driver Installation in cabinet

If the drivers are installed in a cabinet, the recommended distance between drivers and side walls is as shown in the drawing below. If possible, use an enclosure with light colours to reduce heat from sun exposure.
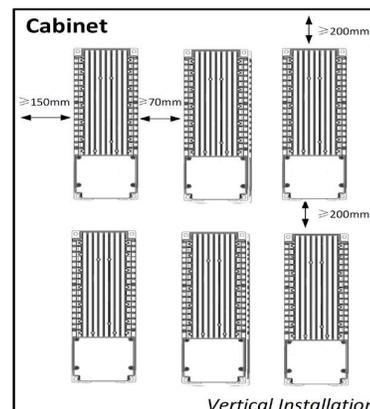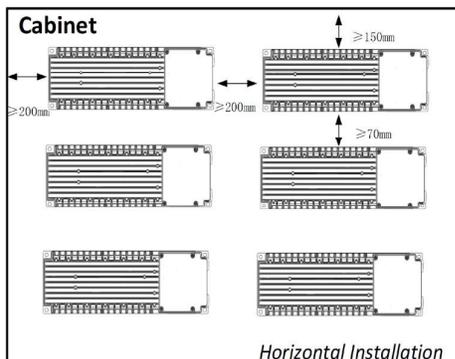
Horizontal Installation

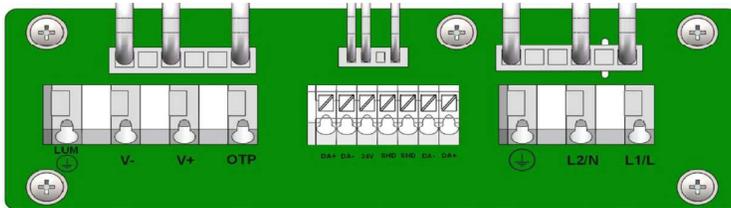*Vertical Installation*

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Installation Instructions

Driver Information

600W

Connection	Cable Gland	Toque (N*m)	Cable Diameter (mm)	Cable AWG	Cable Section (mm²)	Strip Length (mm)
AC Input	M20	4	6.5-10.2	18-14	1.5-2.5	9-10
DC Output						
DALI/DMX	M16	2.5	6.5-10	18-16	1.5	

DALI/DMX   AC Input   DC Output

1200W

Connection	Cable Gland	Toque (N*m)	Cable Diameter (mm)	Cable AWG	Cable Section (mm²)	Strip Length (mm)
AC Input	M25	5.5	9.9-14.7	16-14	1.5-2.5	9-10
DC Output				18-14		
DALI/DMX	M16	2.5	6.5-10	18-16	1.5	

1800W

Connection	Cable Gland	Toque (N*m)	Cable Diameter (mm)	Cable AWG	Cable Section (mm²)	Strip Length (mm)
AC Input	M25	5.5	13.7-18.4	16-14	1.5-2.5	9-10
DC Output				18-14		
DALI/DMX	M16	2.5	6.5-10	18-16	1.5	
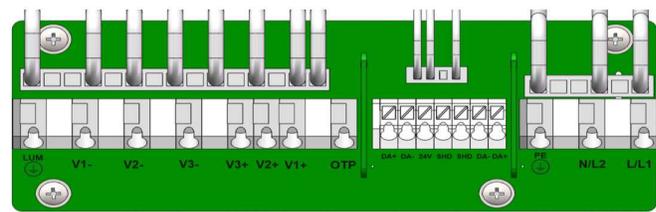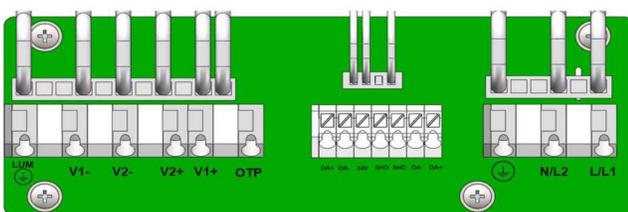
Driver Dimensions

600W
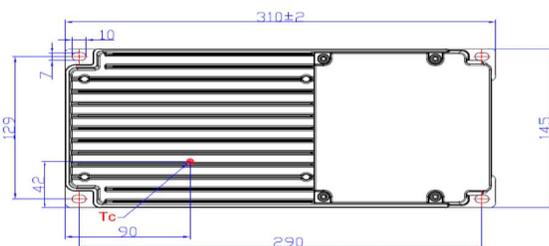
1200W/1800W
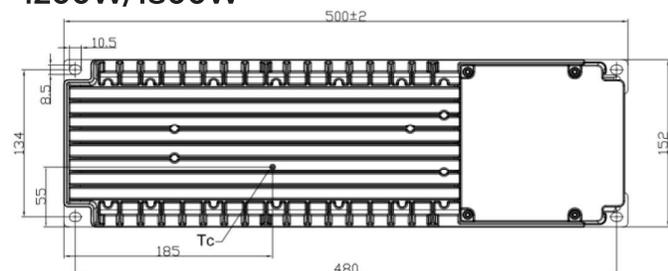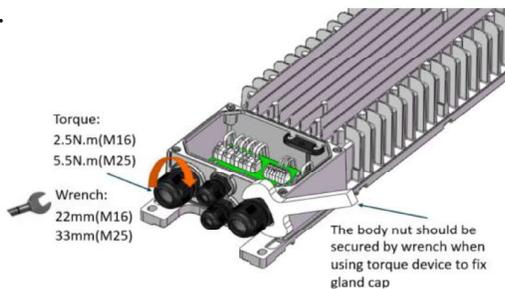

V4, Feb 2026
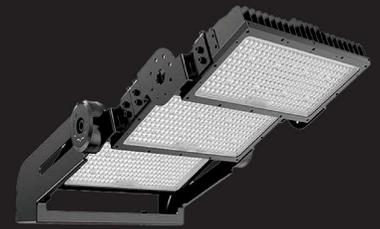
Installation Instructions

Opening the Driver and Resealing the Gasket

1.

Remove Gasket from top of driver box by unscrewing the four bolts in a diagonal sequence

2.

Torque:
2.5N.m(M16)
5.5N.m(M25)

Wrench:
22mm(M16)
33mm(M25)

The body nut should be secured by wrench when using torque device to fix gland cap

Release the cable glands using the correct wrench and torque as shown. then complete the cable installation as shown on the next page.

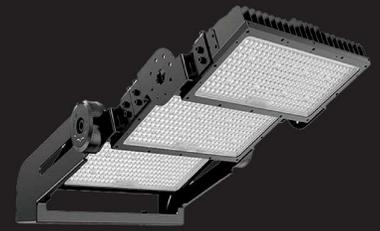**3.**

T20
Torque: 1.5N.m
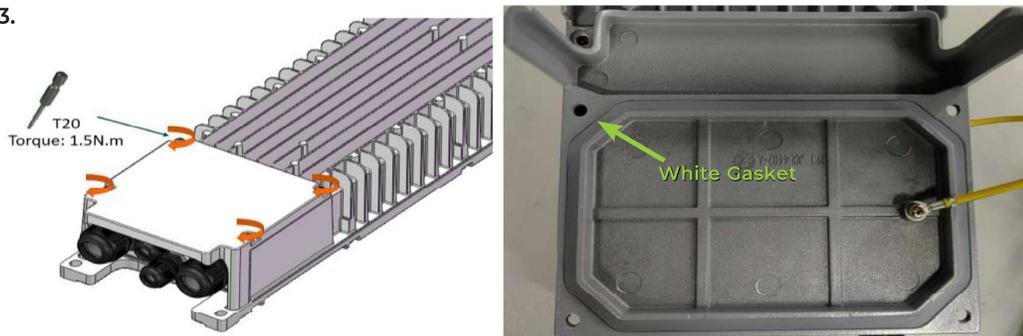
White Gasket

After completeting the cable installation, Ensure the white gasket below is properly fitted and The four screws are fastened by tool in a diagonal sequence.

V4, Feb 2026

Installation Instructions

Wiring Connections

* If DALI dimming is required, connect the DALI wiring to either of the two sets of DALI terminals provided.

600W

Loosen cable glands to allow AC and DC able access to the terminal

Feed cables through the cable glands and retighten to ensure IP rating. Connect AC wires to the WAGO connectors. To connect the LED cables, connect the brown DC cable to the V+ terminal, earth cable to earth terminal and the blue cable to the V- terminal as shown.

1200W

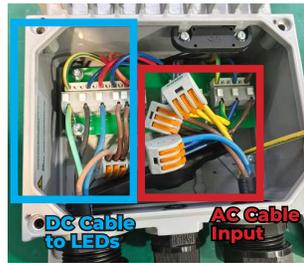Loosen cable glands to allow AC and DC able access to the terminal

Feed cables through the cable glands and retighten to ensure IP rating. Connect AC wires to the WAGO connectors. To connect the LED cables, connect the brown DC cable to the WAGO connector, earth cable to earth terminal and the black & blue cables to the V1- and V2- terminals as shown.

1800W

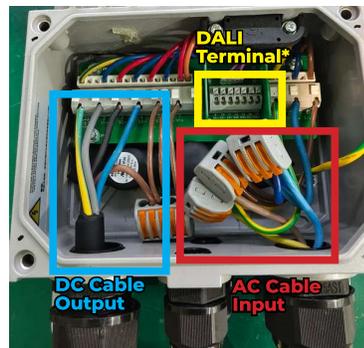Loosen cable glands to allow AC and DC able access to the terminal

Feed cables through the cable glands and retighten to ensure IP rating. Connect AC wires to the WAGO connectors. To connect the LED cables, connect the brown DC cable to the WAGO connector, earth cable to earth terminal and the black, blue and grey cables to the V1-, V2- and V3- terminals as shown.