

Endura Pro LED Weatherproof Batten

Energy saving, environmental friendly, long life, corrosion resistant, impact proof, surface mounting waterproof with PC housing & opal finish cover suitable for wet location. Product have functionality to change CCT and Wattage through slide switch on driver .



PRODUCT SPECIFICATIONS

Features & Benefits

- Delivers excellent illumination & comfort in high ceiling areas
- Suitable for wet location use.
- Drivers have the function to change the CCT and wattage of the product through slide switch
- Long life , Patent free & photographically safe LED's
- High performance electronic driver ensures zero maintenance
- No harmful UV & IR radiations
- Environment friendly as it does not contain Mercury
- Operating temperature: -20 °C to +35 °C
- Operating voltage range: 120 V - 277 V
- Average life $L_{70}B_{50}$: 50000 hours

Housing & Finish

Made up of scratch resistant unbreakable polycarbonate in grey finish. PG 16x1.5 cable gland is used for maintaining ingress protection.

Light source

High efficiency long life LED package in integral module with lumen efficacy of >170 lm/W and viewing angle of 120° to ensure better uniformity.

Cover

High quality polycarbonate diffuser in opal finish for glare free uniform light distribution, clip fitted to the housing.

Reflector

With power coated CRCA sheet acts as reflector and control gear tray.

Electronic driver

Powered by a UL Approved built-in isolated low THD electronic driver (SMPS based constant current supply) with low THD, Output Short-circuit / Open Circuit protection, Surge protection.

Mounting

Surface & suspended through 2 nos. SS clamps & screws provided with fixture.

Applications

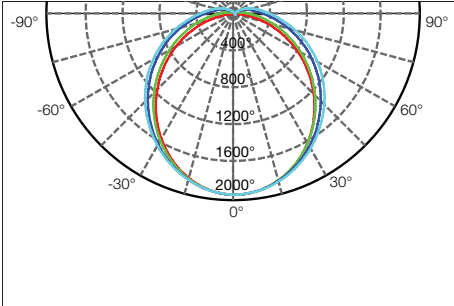
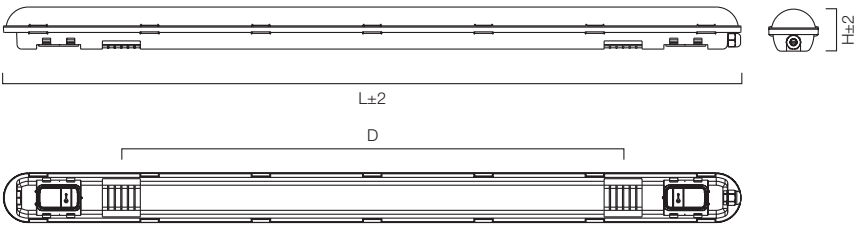
Battery rooms
Chilling plants
Underground parkings
Thermal power stations

TECHNICAL DATA

SAP Description	Switchable Wattage (W)	Mains Current (A)	Mains Current (A)	Power Factor	THD (%)	CRI (Ra)	Maximum wattage Lumens (lm) 5000 K / 4000 K / 3000 K	LPW
SAP Code								
ENDURA PRO LED BATTEN 4FT 48W SWSC IP66D LOEKAAP5IZ7J048	36 W / 42 W / 48 W	120 V - 277 V	0.14 - 0.40 A	0.95	≤10	≥80	6240 lm / 6240 lm / 6000 lm	130

Colour of Fixture : Grey / Weight (kg) : 1.8 kg

TECHNICAL DRAWING



DIMENSION

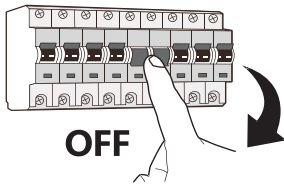
System Power	Length (l)	Width (w)	Height (h)
36 W / 42 W / 48 W	1200 mm	123 mm	80 mm

All dimensions are in mm
Tolerance: ± 5 mm



Weather Proof Batten

CCT & Power Adjustable



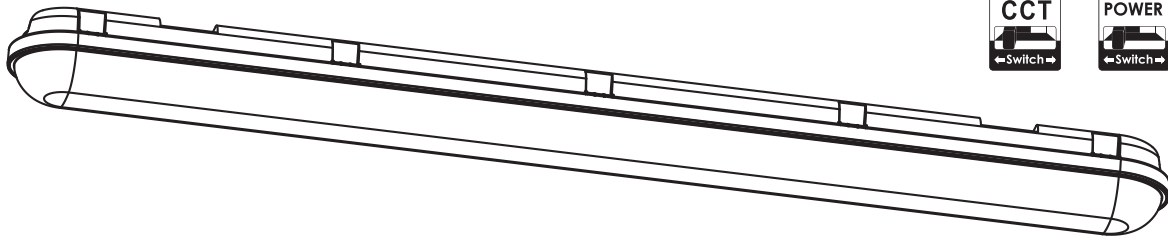
Installation

Select a suitable location that can support the weight of the fixture. Determine the method for mounting the fixture before drilling, based on the type of ceiling.

WARNING: RISK OF ELECTRIC SHOCK. Ensure the electricity to the wires you are working on is shut off. Either remove the fuse or turn off the circuit breaker before removing an existing light fixture or installing the new one.

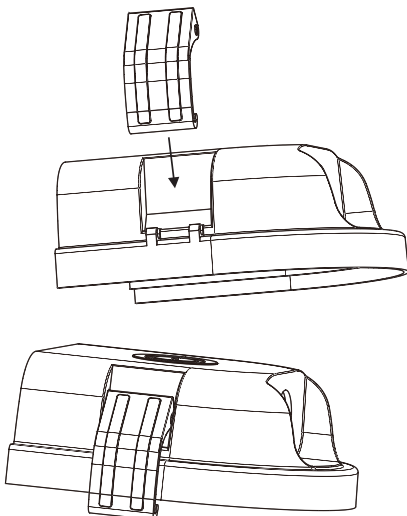
1 Opening the lens cover

- Opening the lens cover by connector of the fixture body .



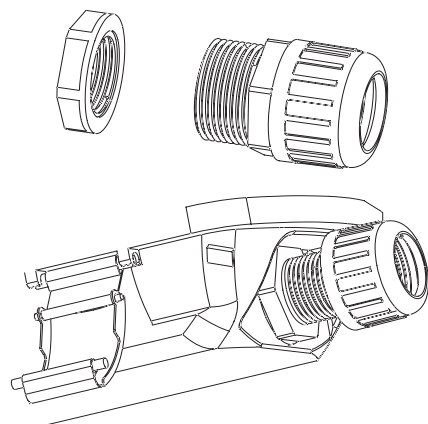
2 Installing the clamps

- Put the clamps into the fixture body



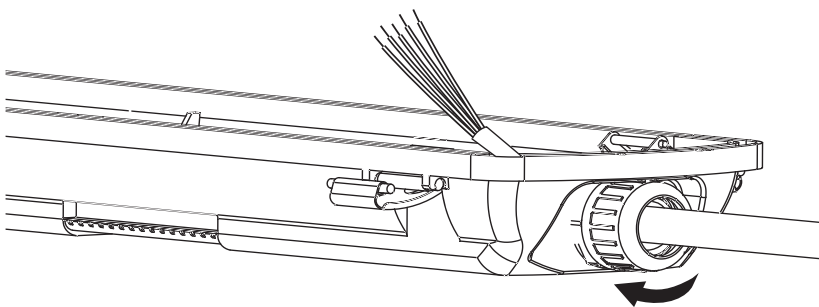
3 Installing the cord grip

- Remove the nut from the end of the cord grip and insert the threaded end into the knock out hole on the end of the fixture body.



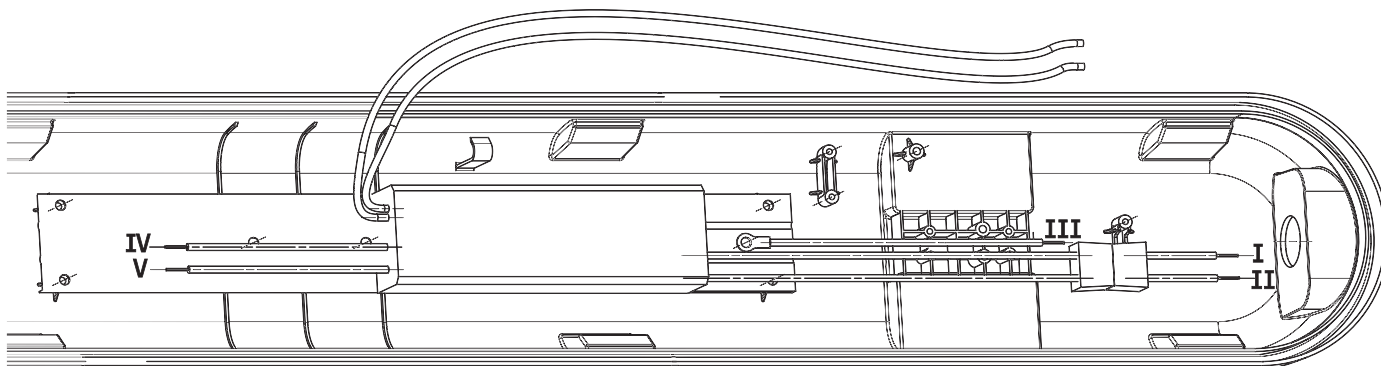
4 Feeding the wires

- Feed the wires from the electrical source through the cord grip and into the fixture body.
- Tighten the nut onto the cord grip to secure the wires.

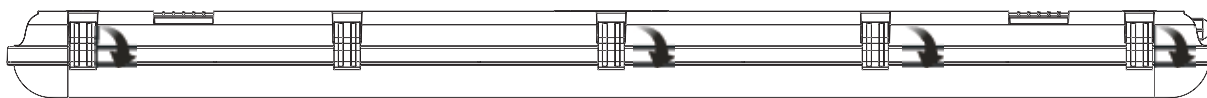


5 Making the electrical connections

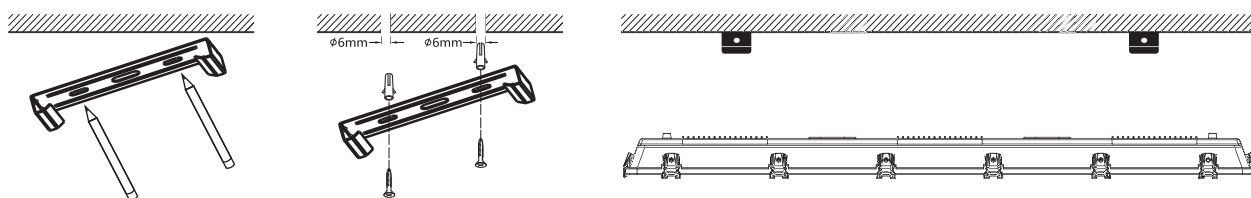
- Connect the hot and neutral (black and white) wires from the electrical source to the same color wires from the LED driver box.
- Connect the green ground wire from the electrical source to the green/ yellow ground wire from the fixture body.
- If a 0-10V dimming circuit is available, connect the purple and gray wires from the electrical source to the same color wires from the LED driver box.
- If 0-10V dimming is not desired, wrap the ends of the purple and gray wires with electrical tape to cover the wires.
- Cover each wire connection with a wire connector (F) and electrical tape (not included).



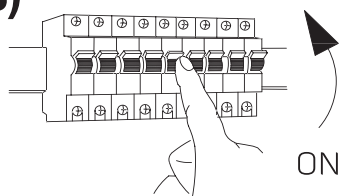
6 (1)



(2)



(3)



Pictures and diagrams in this IM are for illustrative purpose only.

