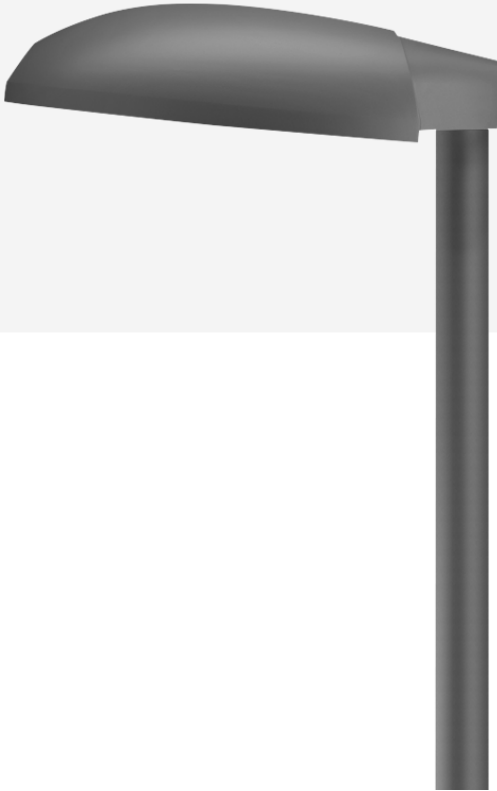


we-ef

WE-EF LIGHTING

Installation and
Maintenance Instructions
for Post Top / Side Entry Luminaires

EFL540 LED



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WARNING:

This product to be installed by qualified personnel only.

Switch off and isolate the electrical supply during installation.

At no stage is the luminaire to be opened when live.

Connections and cables are labelled, before installation ensure the supply matches the luminaire designation.



ESD Sensitive Device:

This luminaire contains electrostatic sensitive devices. Do not handle the LED PCB or LED connection leads without suitable ESD prevention methods in place. If in doubt contact WE-EF LIGHTING or an authorised Sales partner. Warranty can be void if the correct handling procedures are not observed.



Surge Protection:

For comprehensive protection of a luminaire installation against lightning and electrical surges, it is essential to cover mains supply and data input lines at the distribution board level, by using respective primary (Type 1) and secondary (Type 2) surge arrestors in compliance with EN61643-11/IEC61643-1.

Luminaires designated with the type code '+A' will have an internal Surge Protection Device (SPD) fitted. Street and area luminaires are supplied with an external SPD.

Where an external SPD is supplied, it must be fitted as per the supplied instructions to maintain warranty conditions.

Ensure that all required surge protection measures are in place and activated prior to luminaire installation. Disconnect luminaires before operating high-power devices such as, for example, electrical arc welders.



Cleaning:

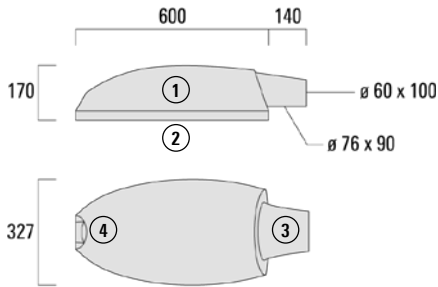
Apart from cleaning the product's exterior surfaces, no special maintenance work is required. **DO NOT** use high pressure cleaners on this luminaire



Notice:

Unless directed by this installation instruction, the luminaire is to be treated as Factory Sealed with no user serviceable parts. If the luminaire is modified by anybody other than the original manufacturer, the warranty will no longer be valid and shall become the full responsibility of the modifying person/organisation. Claims based on defects attributable to improper installation and/or application, and the consequences thereof, are also excluded.

Post Top / Side Entry Luminaire



Parts of the luminaire

1. Body / LED chamber and Integral Gear
2. Frame
3. Mount
4. Frame Latch

Tools Required

- ④ 4 mm Hex Key*

*If a cordless screwdriver is used ensure that the torque is set correctly not to damage the fasteners

Installation

Post Top/Side Entry, light direction down,

| | | |
|--|---|----------------------------------|
| | Nominal electrical cable outer diameter | Ø 6-13mm |
| | Maximum cable cross sectional area | 2.5 mm ² |
| | Cable Supplied | 12 m 1.0 mm ² VT-90HT |

Specifications

| | | | |
|---------|------------------------|-----------|------|
| Lamp | 18 LED / 36W / 54W | IK Rating | IK08 |
| Weight | max 10 kgs | IP Rating | IP66 |
| Windage | 0.098 m ² | | |
| Class | Class I, II on request | | |
| Ambient | Ta = 25°C | | |

Installation Instructions

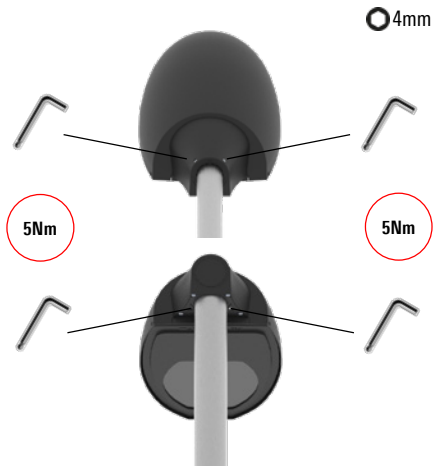
1. The luminaire is supplied as either a post top ① or side entry ② version. The opposite entry to the ordered part will be blanked off. Both versions are supplied with cable and require no access to the luminaire.



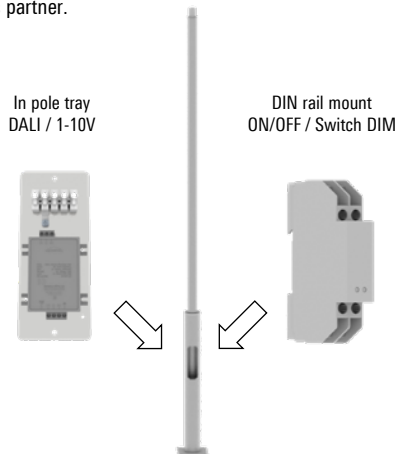
2. Feed the cable down the post or outreach.



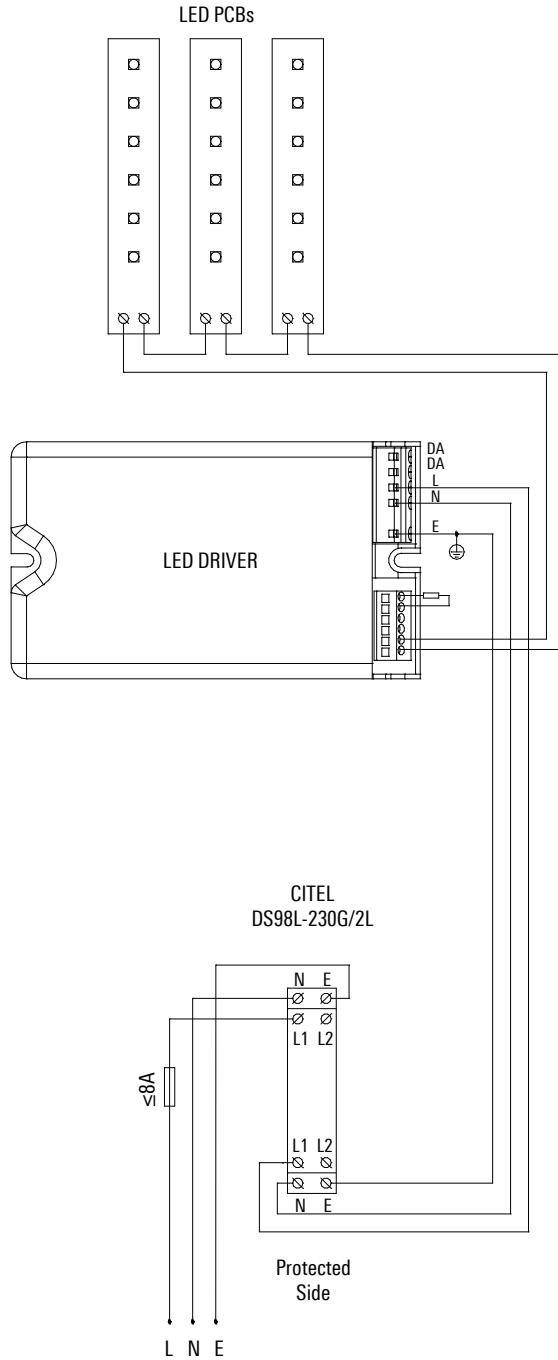
3. Place the luminaire on the pole or outreach. Tighten the M8 grub screws to 5Nm and ensure the luminaire is securely attached to the pole or outreach.



4. Wire the supplied SPD into the luminaire supply as per the separate instructions. Not required for variants designated '+A' in the luminaire part number. If in doubt, contact WE-EF or its designated sales partner.



Schematic - ON / OFF with External SPD



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EFL540_271118.

Technical specifications are subject to change.

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