

Safety Notice

The manufacturer is discharged from liability when damage is caused by improper use or installation.

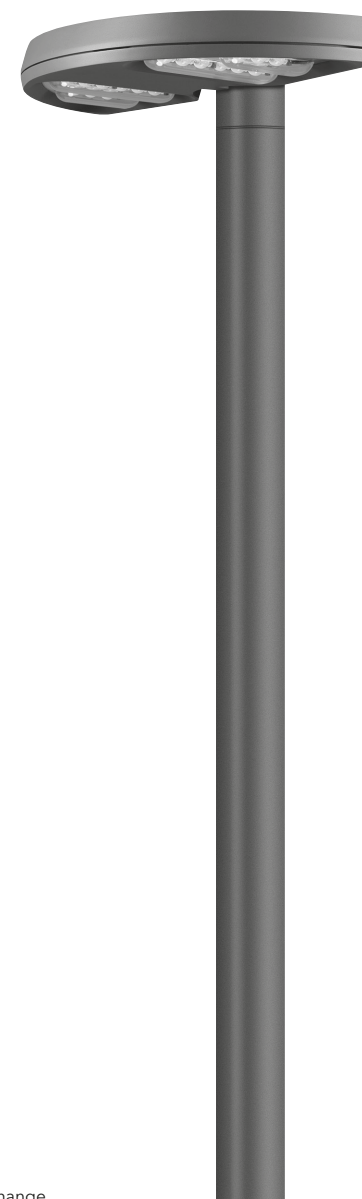
If any luminaire and/or accessory is subsequently modified, the persons responsible for the modification shall be considered as manufacturer.

Product Information / Surge Protection

As an option, this luminaire can also be fitted with a surge protector of Type 2-3 (at the time of order). The technical data can be found directly on the installed device. If the surge protector has been triggered by an adverse event, the luminaire is automatically disconnected from the mains. In that case, the LED on the surge protector no longer lights up.

For comprehensive protection of the luminaire against lightning and electrical surges, primary (Type 1) and secondary (Type 2) surge arrestors must be installed into the power supply. We recommend a combination arrestor (Type 1+2+3), which is installed in the control cabinet.

The technical planner/installer is responsible for the proper selection, sizing and installation of the surge protection modules that must be provided on site. Please note the various protection levels for Class I and II, as well as the applicable statutory provisions regarding surge protection. Installation and maintenance may only be performed by a qualified electrician.



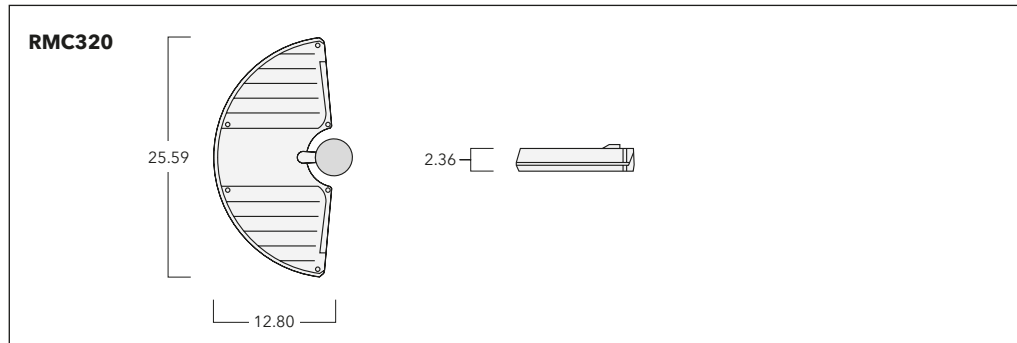
WE-EF LIGHTING

Installation and
Maintenance Instructions for
Post Top Luminaire

RMC320 LED

Post Top Luminaire

IP66, IK08



Light source

18 LED 18W / 18 LED 36W / 18 LED 54W*

* Nominal power, for latest data refer to
www.we-ef.com

Class I, $t_a = 40\text{ }^\circ\text{C}$

$\varnothing 0.354 - 0.551\text{ in}$  16 AWG 

Mounting height..... 10 - 20 ft

Weight max. 18.5 lb

Windage area max. 0.50 ft²

Installation: horizontal, light output downwards

Tools required

- Screwdriver with 4 x 1.0 mm blade
- TORX key TX25 / TX30 / TX40

Installation

The product must be installed and maintained by a suitably qualified professional in compliance with latest building/construction and/or electrical regulations and relevant legislation.

⚡ Attention: Do not open luminaire while mains supply is switched on.

Notice: If the luminaire is modified by anybody other than the original manufacturer, then 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 excluded.

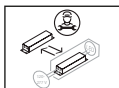
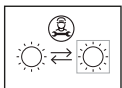
In case of component failure, LED replacement due to abnormal circumstances or at end of life, replacement must be carried out by a suitably qualified and trained professional.

In case of questions please contact our technical hotline: +1 724 742 0030 (from Monday - Friday from 08.00 until 16.00 hours).

Maintenance

Apart from cleaning the product's exterior surfaces, no special maintenance work is required. Do not use high-pressure cleaners.

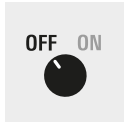
Protect our environment: Discard used LEDs in compliance with the most recent environmental legislation.



Procedure wall mounting installation

Luminaire prewired, do not open!

- 1) Switch off the mains electrical supply. ⚡



- 2) Remove mounting flange **J** by releasing screws **K**.
- 3) Determine positions for fixing screws **L**. Ensure the arrow mark **R** on the flange **J** label aims upwards. Drill relevant holes and insert heavy duty wall plugs **M**.

ATTENTION: Make sure not to damage any electric cable, water pipe or other devices while drilling holes.

- 4) Feed mains supply cable **N** (and the second cable for through wiring, if required) through packing ring **O**, while setting and fixing mounting flange **J** in position. The pre-installed packing ring **O** is suitable for cable diameters 0.276 - 0.374 in.

For larger cable diameters of 0.354 - 0.472 in the enclosed cable entries must be used.

Then tighten the pressure screw firmly. To fix the mounting flange **J**, insert screws **L**, and tighten firmly.

- 5) Connect mains supply cable **N** to respective terminals **P** in terminal connector (N = Neutral, L = Phase, ⊕ = Earthing).
- 6) Position luminaire/wall bracket **Q** by attaching to mounting flange **J** and secure in position by firmly tightening screws **K**.

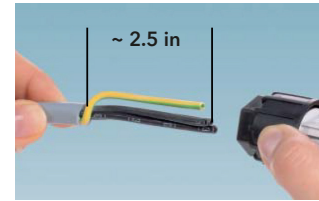


fig. 1

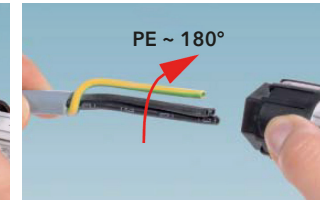


fig. 2

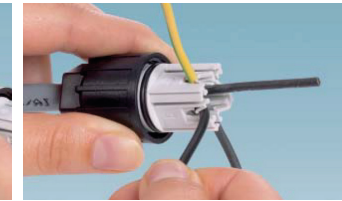


fig. 3



fig. 4



fig. 5

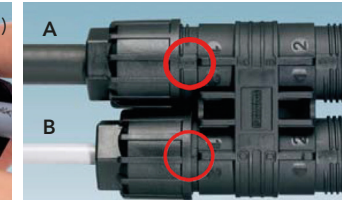


fig. 6

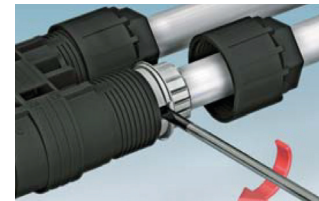
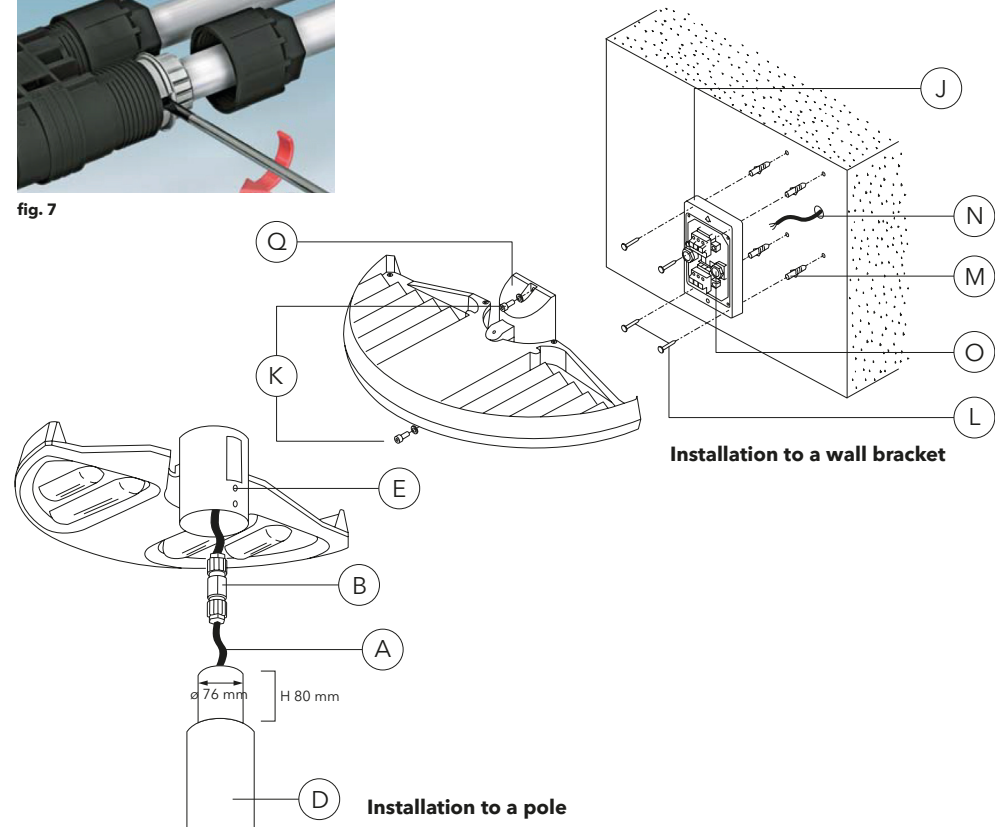


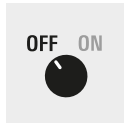
fig. 7



Installation Procedure Pole Installation

Luminaire prewired, do not open!

- 1) Switch off the mains electrical supply. ⚡



- 2) Cut cable to the corresponding height of the pole and connect cable to the connector **B** (fig. 1-6).

0-10V

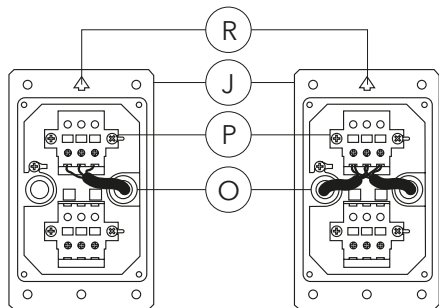
Phase (L1) to 1, Neutral (N) to N, Control Phase (+) to 2, Control Phase (-) to 3 and Earthing ⊕

For protection class II, the earthing is omitted.

Screw the gland nut together, tightening to a torque of 5 Nm (44.3 in-lb) (fig. 5).

- 3) Pull the connecting cable through the pole. Put the luminaire on top of the pole **D** and tighten the fixing screws **E**, tightening to a torque of 5 Nm (44.3 in-lb).

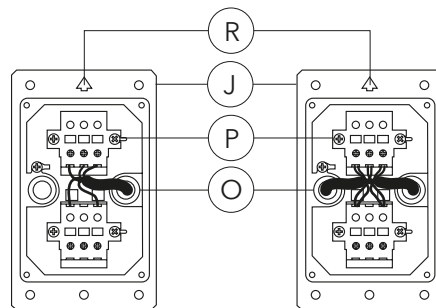
For ON/OFF



Individual wiring

Through wiring

0-10 V



Individual wiring

Through wiring