

**WE-EF LEUCHTEN**Installation and Maintenance  
InstructionsBollards and Pathway Luminaires  
**MRY224****Do not open during installation**

This product is factory-sealed.  
Refer to the instructions contained in this document for details.

**Installation tools**

Mounting hardware used on this product includes fasteners with hexalobular socket heads (ISO 10664). Installation requires the use of matching tools.

**Surge Protection**

This product features built-in surge protection circuitry in compliance with applicable standards.

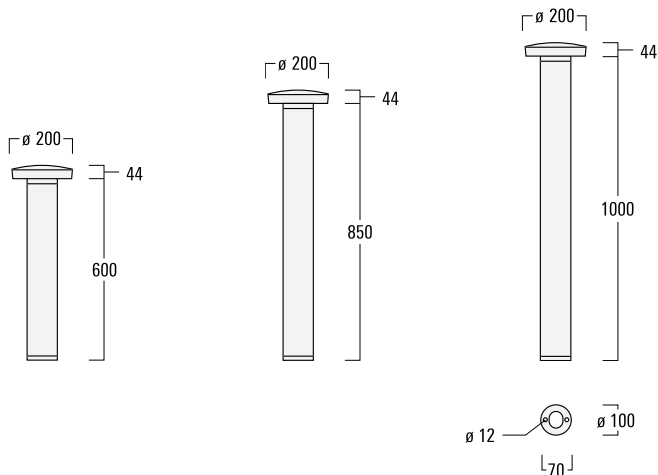
For comprehensive protection of a luminaire installation against lightning and electrical surges, it is essential to cover mains supply and data input lines at the distribution board level, by using respective primary (Type 1) and secondary (Type 2) surge arrestors in compliance with EN61643-11/IEC61643-1.

**Warning**

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

## Bollards and Pathway Luminaires

### MRY224



IP66/IP67, IK10,  $T_a = 25^\circ\text{C}$  for 15 W with 1-10 V dimming, for other  $T_a = 40^\circ\text{C}$

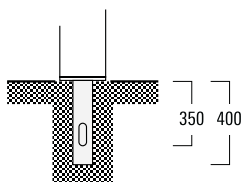
#### Tool required

– Torx T25 (provided by WE-EF)

Weight	H	kg
for MRY224	600	8.0
for MRY224	850	10.8
for MRY224	1000	12.4

#### Accessories:

Planted root – Galvanised steel.		kg
ESZ4	for MRY224	300-9090 3.5



ESZ4

**Light Source**

LED

**Maintenance**

Apart from cleaning the product's exterior surfaces, no special maintenance work is required.

Do not use high-pressure cleaners.

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

**Warning:** Do not open luminaire while mains supply is switched on.

## **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.

**Warning:** Switch off mains electrical supply prior to installing and connecting the luminaire.

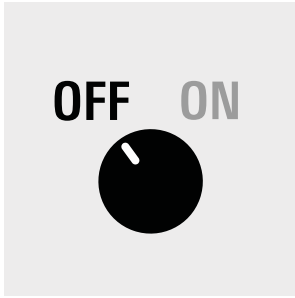
**Notice:** If the luminaire is modified by anybody other than the original manufacturer, then the warranty will no longer be valid and shall become the full responsibility of the modifying person/organisation. Claims based on defects attributable to improper installation and/or application, and the consequences thereof, are excluded.

**Attention:** The luminaire is factory-sealed and does not need to be opened during installation.

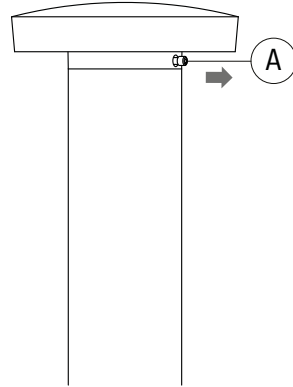
The installation on site must comply with local and/or national health and safety regulations.

## Installation Procedure

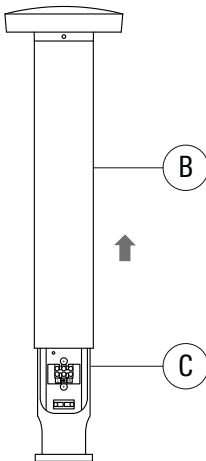
1) Switch off and isolate mains electrical supply.



2) Loosen screw A.



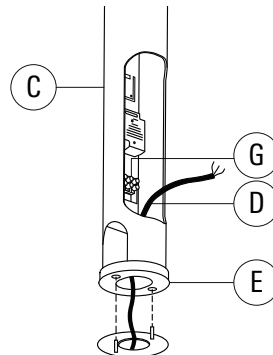
3) Remove sleeve B including luminaire head from post C.



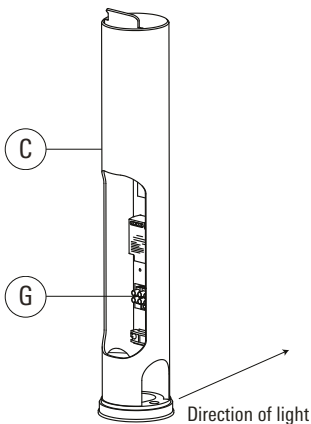
4) Pull cable D through centre-hole. Ensure orientation of post C allows easy access to terminal block G and screw flange plate E with M10 bolts/nuts to ground.

An optional planted root is available.

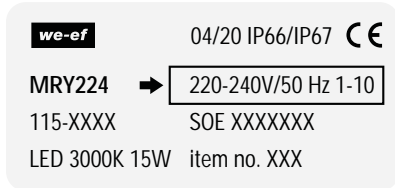
**Note:** Planted root installation instruction is available in additional document.



4.2) For one-sided light output only, the direction of light is opposite terminal block **G**.  
Orientation of light must be decided prior to installation of post **C**.



5) Check that rating shown on luminaire label conforms to mains electrical.

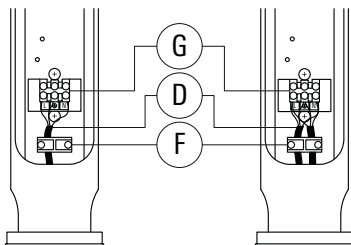


(example)

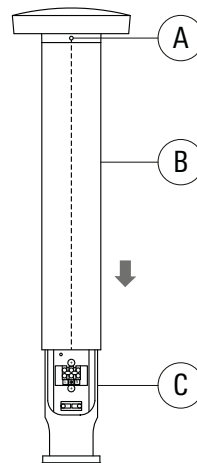
6) Pull cable **D** (and second cable for through wiring, if required) through cable clamp **F** and terminate in terminal block **G**:

- a) ON/OFF (L = Phase, N = Neutral, ⊕ = Earthing)
- b) 1-10 V/DALI (L = Phase, N = Neutral, ⊕ = Earthing, DA/DA = DALI control line, D-/D+ = 1-10 V control line).

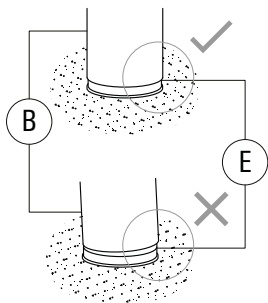
For operation with Tunable White, a DALI DT8 controller is required.



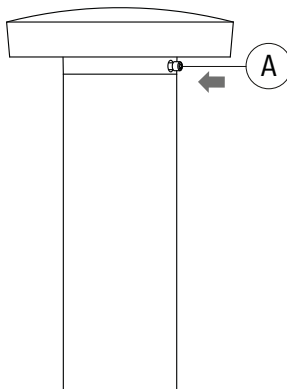
7) Place sleeve **B** including luminaire head over post **C** while keeping screw **A** in line with terminal box.



8) Align sleeve B and flange plate E.



9) Tighten screw A with Torx T25 tool (provided by WE-EF).



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Technical specifications are  
subject to change.