



**WE-EF LIGHTING**

Installation and Maintenance

Instructions

Wall Luminaire Surface Mounted

**FLC122 LED**

**FLC142 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:**

Luminaires designated with the type code '+A' will have an internal Surge Protection Device (SPD) fitted.

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.

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.

**Installation Tools:**

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

**Cleaning:**

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

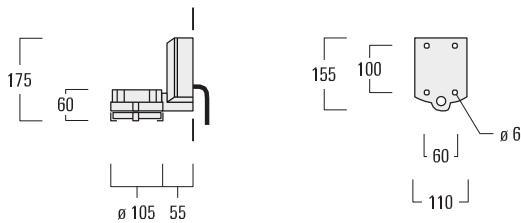
**Notice:**

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.

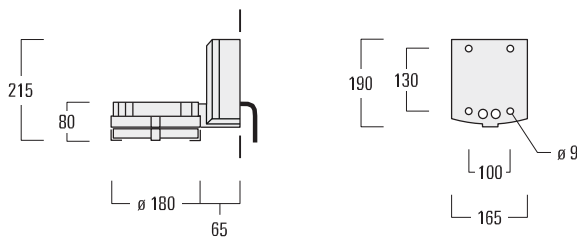
If the supplied cable of the luminaire is damaged, it must be replaced by WE-EF or a WE-EF authorized agent.

Wall Luminaire Surface Mounted

FLC122



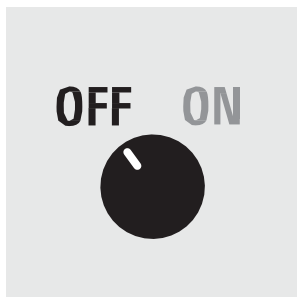
FLC142



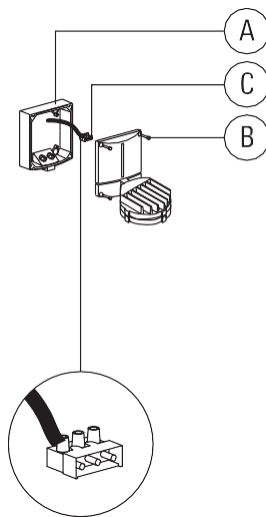
IP55, IK07, Class I,  $t_a=40^{\circ}\text{C}$

## Installation Procedure

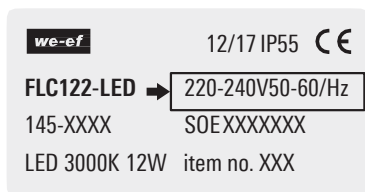
- 1) Switch off and isolate mains electrical supply.



- 2) Remove mounting flange **A** by loosening screws **B**. Detach terminal connector **C**.

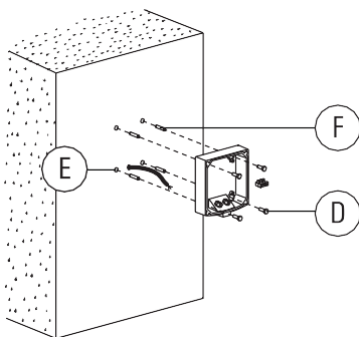


- 3) Check that rating shown on luminaire label conforms with mains electrical supply.

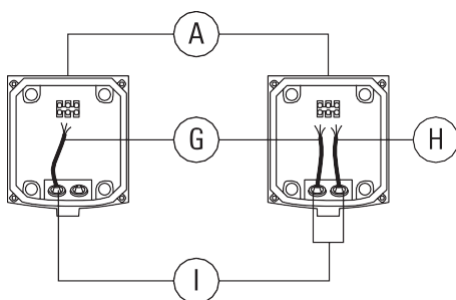


(example)

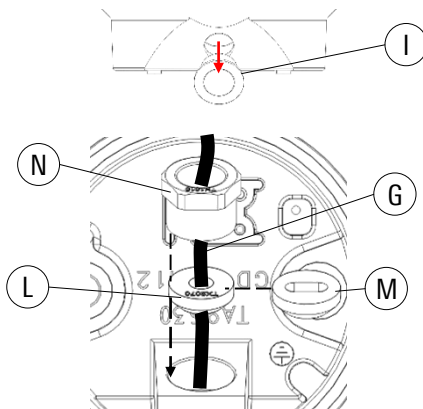
- 4) Determine position for fixing screws **D**. Drill relevant holes **E** and insert nylon plugs **F**.  
**Warning:** Ensure not to damage any electrical cable, water pipe or other items drilling holes.



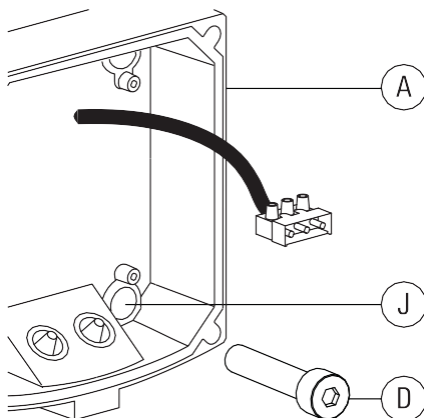
- 5) Feed mains supply cable **G** (and second cable **H** for through wiring, if required, **FLC142 ONLY**) through membrane spout(s) **I** (for diameters 1-9mm), while setting mounting flange **A** in position.



- 6) Luminaire is also supplied with accessories to suit a variety of cable types. Unscrew membrane sprout(s) **I** and place packing ring **L** (for cable diameters 7-9.5mm) or packing ring **M** (for TPS cable), depending on cable type. Thread cable **G** through, and screw down pressure screw **N**.

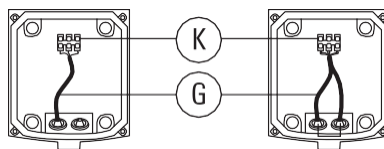


- 7) To fix mounting flange **A**, pierce through nylon plugs **J** by inserting and tightening screws **D**. **Attention:** Nylon plugs **J** must remain in position to provide sealing.

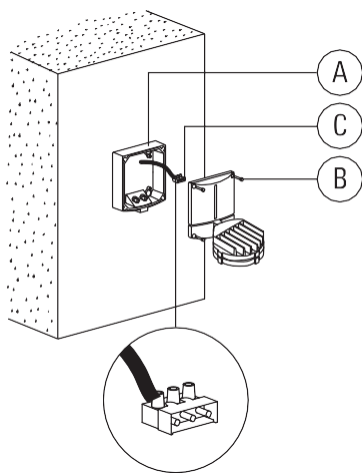


- 8) Connect mains supply cable **G** leads to respective terminals in terminal connector **K**:

- 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).



- 9) Ensure that all surfaces are clean and dry.  
Position luminaire over mounting flange **A**  
and attach terminal connector **C**. Tighten  
screws **B**.



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Technical specifications are  
subject to change.