



**WE-EF LEUCHTEN**  
Installation and Maintenance  
Instructions

Projector  
FLC301 Wall bracket



### 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.

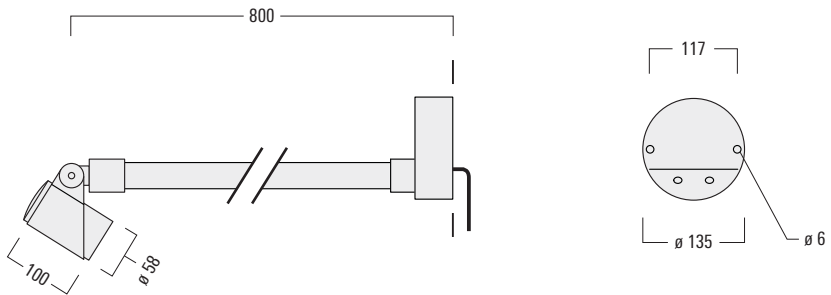
For comprehensive protection of a luminaire installation against lightning and electrical surges, it is essential to cover mains supply and data input lines at the distribution board level, by using respective primary (Type 1) and secondary (Type 2) surge arrestors in compliance with EN61643-11/IEC61643-1.

### 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.

# Projector

## FLC301 Wall bracket



IP66, IK08. Class I.  $T_a = 40^\circ\text{C}$

Weight	kg
for FLC301 Wall bracket	2.3

## **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.

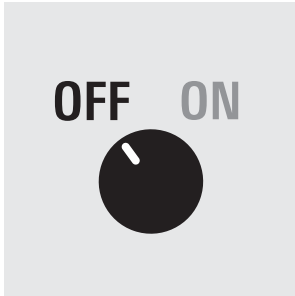
**Warning:** Switch off mains electrical supply prior to installing and connecting the luminaire.

**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.

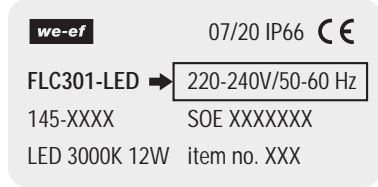
The installation on site must comply with local and/or national health and safety regulations.

## Installation Procedure

- 1) Switch off and isolate mains electrical supply.

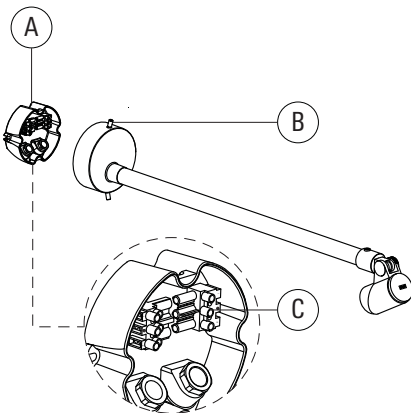


- 2) Check that rating shown on luminaire label conforms with mains electrical supply.



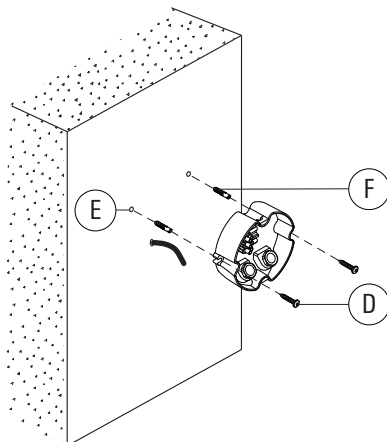
(example)

- 3) Remove mounting flange A by loosening screw B. Detach terminal connector C.

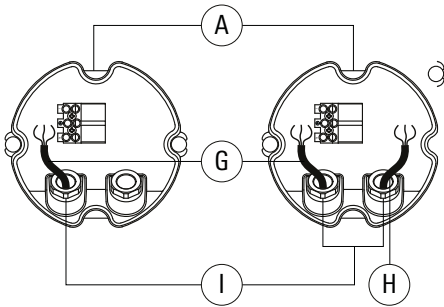


- 4) Determine position for fixing screws D. Drill relevant holes E and insert wall plugs F.

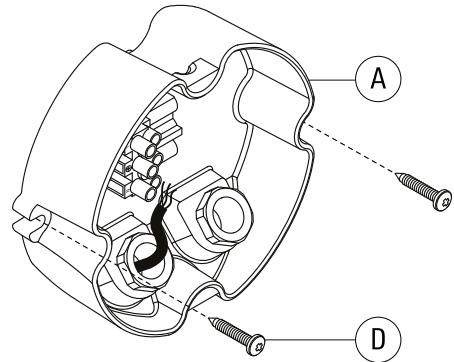
**Warning:** Ensure not to damage any electrical cable, water pipe or other items drilling holes.



5) Feed mains supply cable G (and second cable H for through wiring, if required) through the pressure screw I, while setting mounting flange A in position. The pre-installed packing ring is suitable for cable diameters 7 to 9.5 mm. For larger cable diameters (9 to 12 mm) or TPS cable (1.5 to 2.5mm), use the auxiliary packing ring supplied.

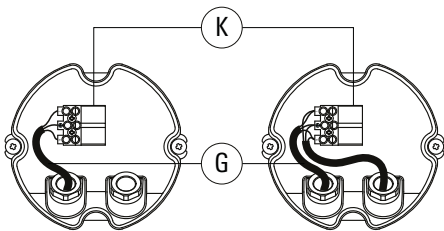


6) To fix mounting flange A, insert and tighten screws D.



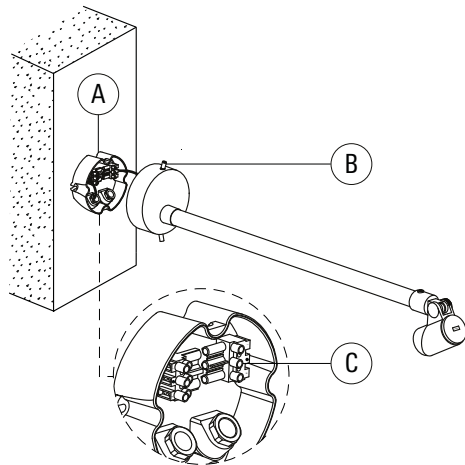
7) Connect mains supply cable G leads to respective terminals of socket K:

- a) ON-OFF (L = Phase, N = Neutral,  $\oplus$  = Earthing)
- b) ON/OFF 24VDC (+ = positive pole, - = negative pole)

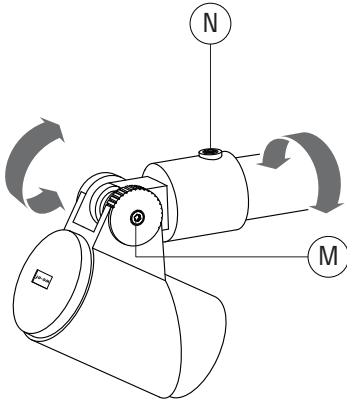


"Operation with 24VDC is only permitted with a SELV power supply suited for Class III appliances."

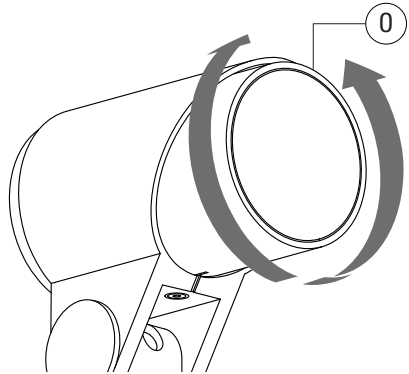
8) Ensure that all surfaces are clean and dry. Position luminaire over mounting flange A. and attach terminal connector C. Tighten screw B.



- 9) Loosen screws **M** and **N** slightly.  
Aim luminaire in desired direction, retighten screws **M** and **N**.



- 10) For accessory Linear Spread Lens IO-180 or glare shield ES-FLC301: Turn frame **O** to set desired orientation of light or shielding.



**we-ef**

www.we-ef.com

**WE-EF LEUCHTEN**

Germany

Tel +49 5194 909 0

Fax +49 5194 909 299

info.germany@we-ef.com

**WE-EF LUMIERE**

France

Tel +33 4 74 99 14 44

Fax +33 4 74 99 14 40

info.france@we-ef.com

**WE-EF HELVETICA**

Switzerland

Tel +41 22 752 49 94

Fax +41 22 752 49 74

info.switzerland@we-ef.com

**WE-EF LIGHTING**

Thailand

Tel +66 2 738 9610

Fax +66 2 175 2174

info.asiapacific@we-ef.com

**WE-EF LIGHTING**

Australia

Tel +61 3 8587 0444

Fax +61 3 8587 0499

info.australia@we-ef.com

**WE-EF LIGHTING**

United States of America

Tel +1 724 742 0030

Fax +1 724 742 0035

info.usa@we-ef.com



T09272W1220  
FLC301\_T4\_060721\_REVO  
© WE-EF 2021

Technical specifications are  
subject to change.