

WE-EF LEUCHTEN

Installation and Maintenance
Instructions



Projector

Wall bracket

FLC301

FLC311

FLC321



Do not open during installation

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



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.



Installation tools

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

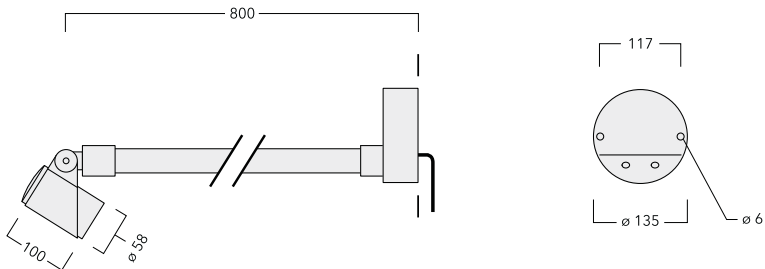
Warning

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.

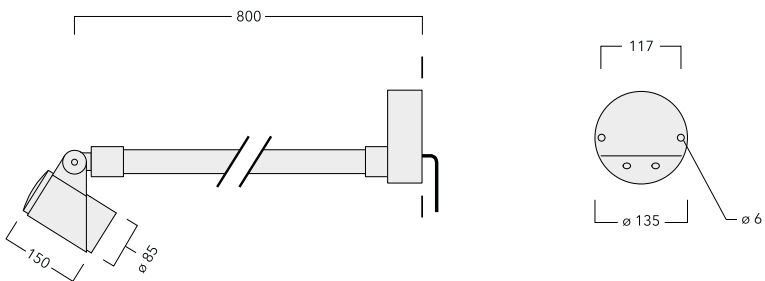
Projector

Wallbracket

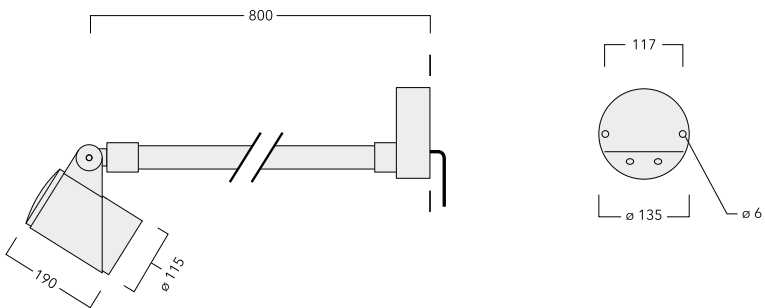
FLC301



FLC311



FLC321



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

Weight

	kg
for FLC301 Wall bracket	2.3
for FLC311 Wall bracket	3.2
for FLC321 Wall bracket	4.3

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.

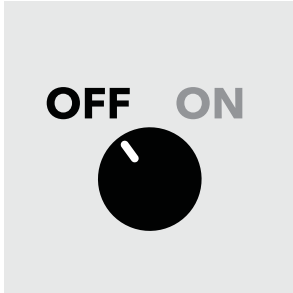
Warning: Switch off mains electrical supply prior to installing and connecting the luminaire.

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.

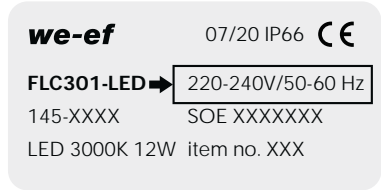
The installation on site must comply with local and/or national health and safety regulations.

Installation Procedure

- 1) Switch off mains electrical supply.

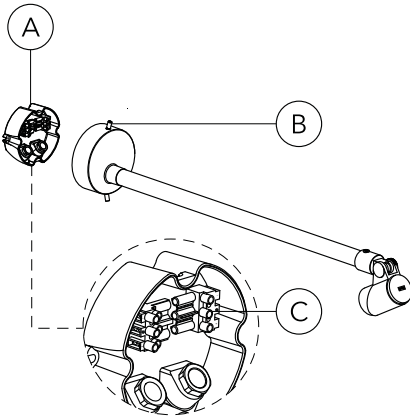


- 2) Check that rating shown on luminaire label conforms with mains electrical supply.

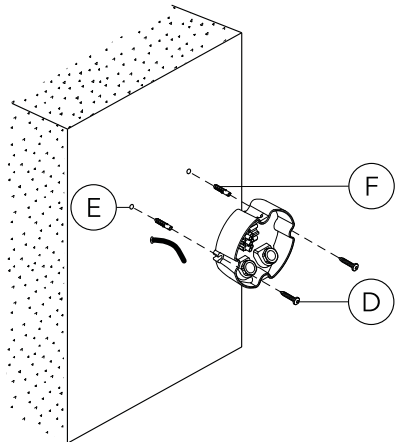


(example)

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

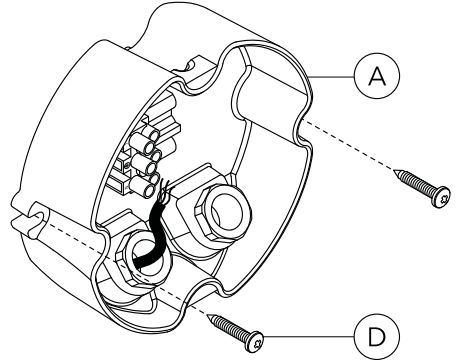
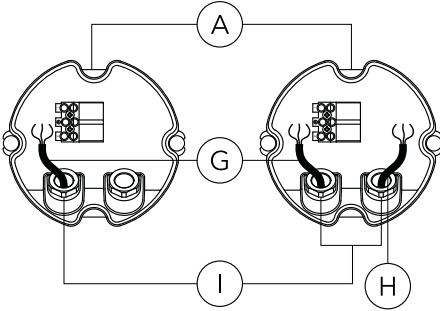


- 4) Determine position for fixing screws D. Drill relevant holes E and insert wall plugs F.
- Warning:** Ensure not to damage any electrical cable, water pipe or other items drilling holes.



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.

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



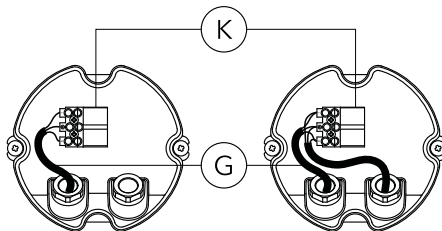
7) Connect mains supply cable **G** leads to respective terminals of socket **K**:

For **FLC301**

- a) ON-OFF (L = Phase, N = Neutral, \oplus = Earthing)
- b) ON/OFF 24VDC (+ = positive pole, - = negative pole)
- c) DALI 24VDC (+ = positive pole, - = negative pole, DA/DA = DALI control line, \oplus = Earthing)

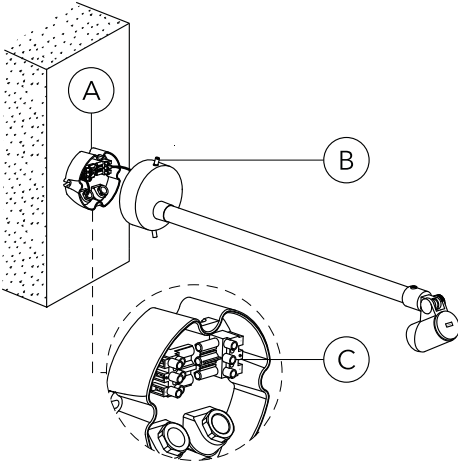
For **FLC311/321**

- a) ON-OFF (L = Phase, N = Neutral, \oplus = Earthing)
- b) 0-10V 24VDC (+ = positive pole, - = negative pole, D-/D+ = 0-10V control line)
- c) 1-10V/DALI (L = Phase, N = Neutral, \oplus = Earthing, DA/DA = DALI control line, D-/D+ = 1-10V control line)

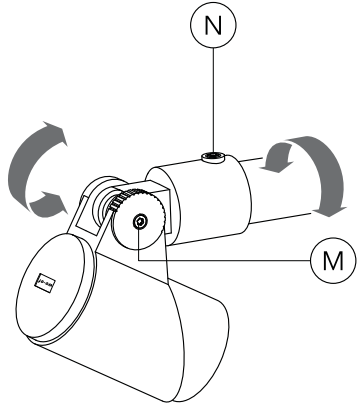


Operation with 24VDC is only permitted with a SELV power supply suited for Class III appliances.

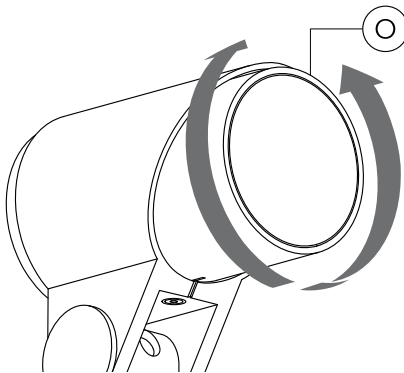
- 8) Ensure that all surfaces are clean and dry. Position luminaire over mounting flange **A** and attach terminal connector **C**. Tighten screw **B**.



- 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: Turn frame **O** to set desired orientation of light.



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Technical specifications are
subject to change.