



WE-EF LEUCHTEN
Installation and Maintenance
Instructions

Projector
FLC301 #1
Spigot mounted



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

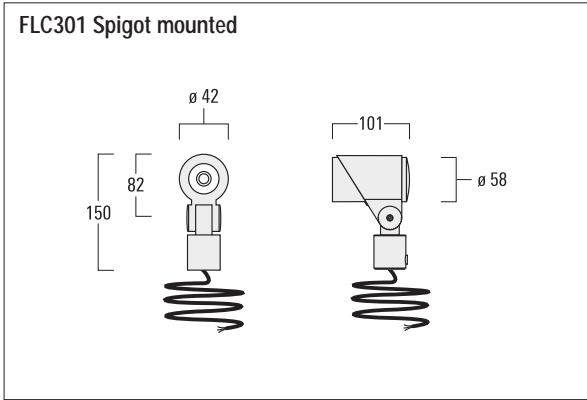
This product features built-in surge protection circuitry in compliance with applicable standards.

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



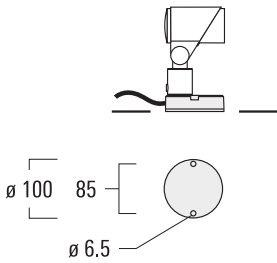
IP66, IK08. Class I. $T_a = 40^\circ\text{C}$

Weight	kg
for FLC301 Spigot mounted	0.7

Mounting Accessories

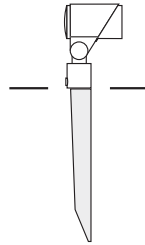
Flat surface fitter

SF-FLC1 for FLC301 Spigot mounted	145-9535
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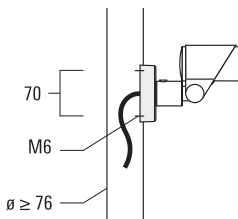
Ground spike (only suitable for 24VDC installation!)

EF1 for FLC301 Spigot mounted	310-9102
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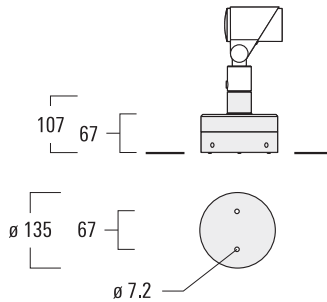
Column fitter

CF-FLC1 for FLC301 Spigot mounted	145-9536
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Junction box

JB1 with side entry for FLC301 Spigot mounted	310-9002
JB1 with wall entry for FLC301 Spigot mounted	310-9025



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.

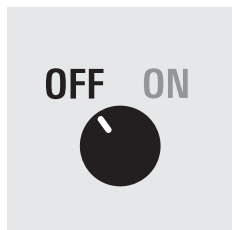
Warning: Switch off mains electrical supply prior to installing and connecting the luminaire.

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.

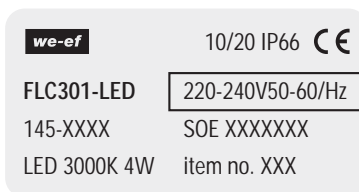
The installation on site must comply with local and/or national health and safety regulations.

Installation Procedure

- 1) Switch off and isolate mains electrical supply.

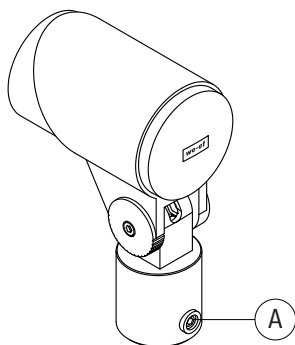


- 2) Check that rating shown on luminaire label conforms with mains electrical supply.



(example)

- 3) Loosen screw **A**.

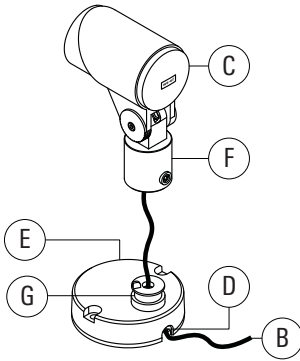


- 4) Place luminaire on one of the following mounting accessories.

Mounting accessory installation instruction is available in additional document, T09253W.

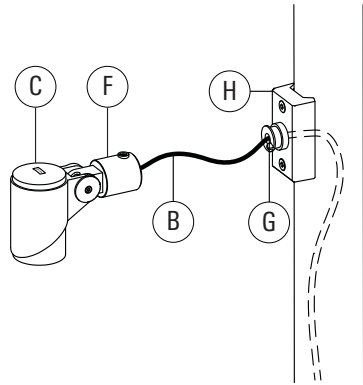
Flat surface fitter

4.1) Prior to installation of surface fitter, feed cable **B** from luminaire **C** through pivot **G** and hole **D** of surface fitter **E**. Slide slipfitter **F** over pivot.



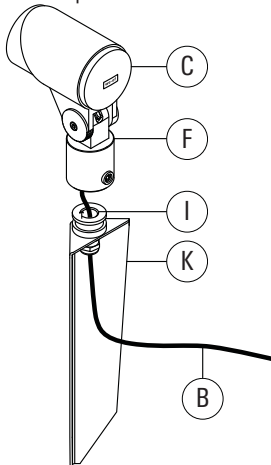
Column fitter

4.2) Feed cable **B** from luminaire **C** through pivot and cable entry **G** of column fitter **H**. Slide slipfitter **F** over pivot.



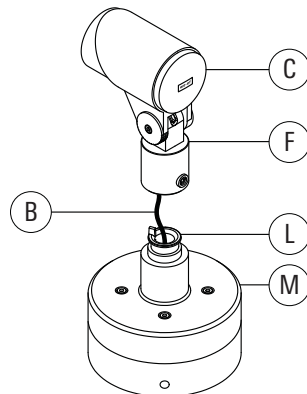
Ground spike (only suitable for 24V installation!)

4.3) Feed cable **B** from luminaire **C** through pivot and cable entry **I** of ground spike **K**. Slide slipfitter **F** over pivot.

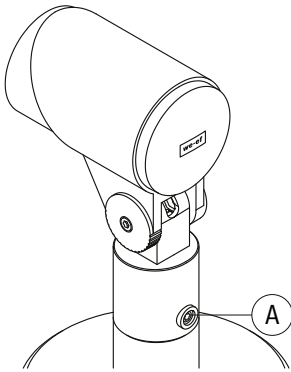


Junction box

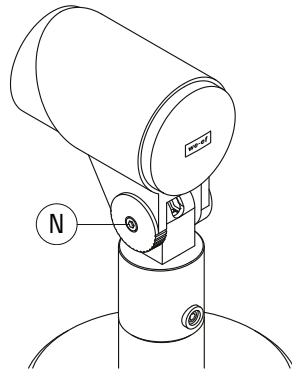
4.4) Feed cable **B** from luminaire **C** through pivot and cable entry **L** of junction box **M**. Slide slipfitter **F** over pivot.



- 5) Turn luminaire towards object to be illuminated. Ensure slipfitter is properly seated on pivot, then tighten screw **A**.

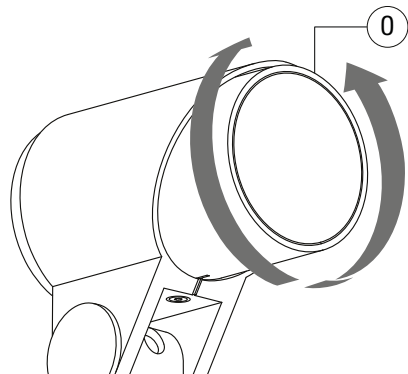


- 6) Loosen screw **N**. Aim luminaire in desired direction and tighten screw **N**.



- 7) Connect mains supply cable **G** leads to respective terminals in terminal connector **C**:
- a) ON-OFF (L = Phase, N = Neutral, \oplus = Earthing)
 - b) ON/OFF 24VDC (+ = positive pole, - = negative pole)

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



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Technical specifications are
subject to change.