



WE-EF LIGHTING

Installation and Maintenance Instructions

Floodlight

FLB141 #1 LED



Do not open during installation

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



Surge Protection

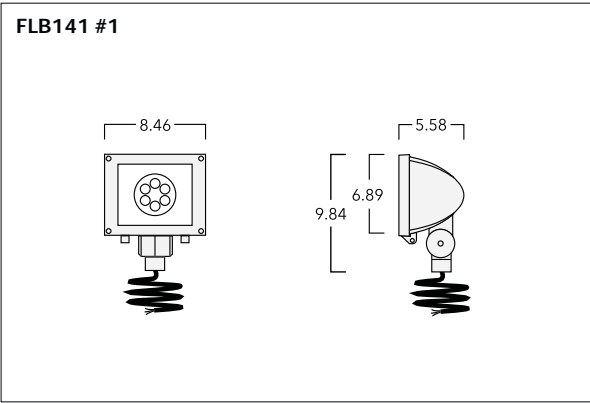
This product features built-in surge protection circuitry in compliance with applicable standards.

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.

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.

Floodlight



IP66, IK08. Class I. ta = 40°C

Weight lb
for FLB141 #1 LED 6.83

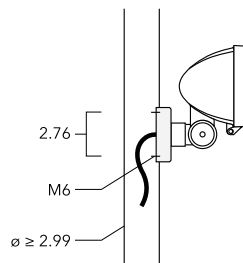
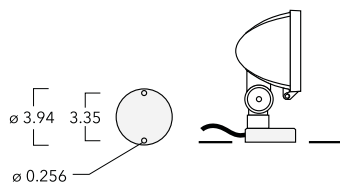
Windage area ft²
for FLB141 #1 LED 0.409

Orientation: all directions

Mounting Accessories

Flat surface fitter
SF-FLD1 for FLB141 #1 **145-9535**

Column fitter
CF-FLD1 for FLB141 #1 **145-9536**



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.

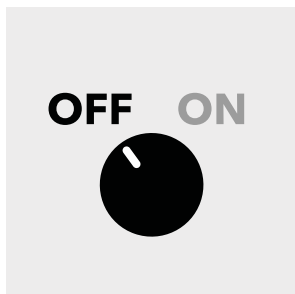
Claims based on defects attributable to improper installation and/or application, and the consequences thereof, are excluded.

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

Installation Procedure

Installation - Flat surface fitter

- 1) Switch off mains electrical supply.



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

we-ef

07/18 IP66 **CE**

FLB141-LED → 120-277V / 60Hz

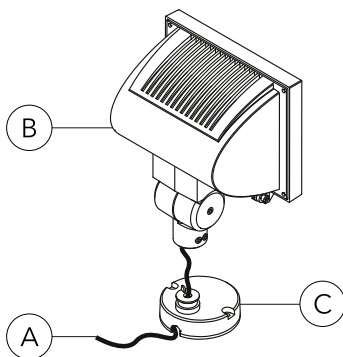
161-XXXX

SOE XXXXXXX

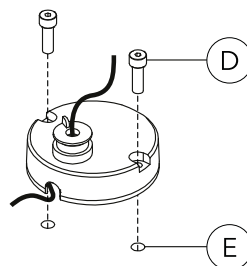
LED 3000K 18W item no. XXX

(example)

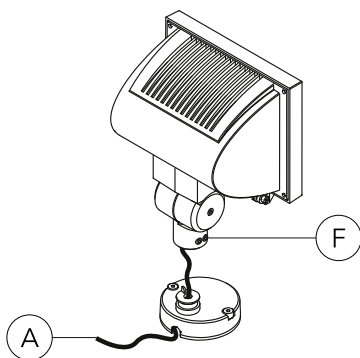
- 3) Feed cable **A** from luminaire **B** through pivot and hole of flat surface fitter **C**.



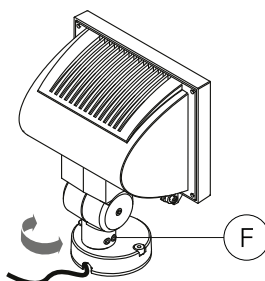
- 4) Determine positions for fixing screws **D**.
Drill relevant holes **E** and insert nylon plugs.
Insert and tighten screws **D**.
Warning: Ensure not to damage any electrical cable, water pipe or other items drilling holes.



- 5) Loosen screws **F**. Slide slipfitter over pivot, while pulling cable **A** through hole.

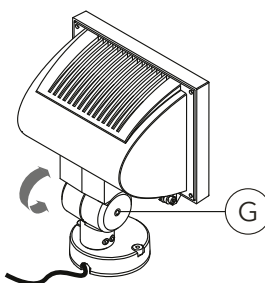


- 6) Turn luminaire towards object to be illuminated. Ensure slipfitter is properly seated on pivot, then tighten screws **F**.



- 7) Connect cable **A** with mains supply cable.
a) ON/OFF (L = Phase, N = Neutral, \oplus = Earthing)
b) 0-10 V (L = Phase, N = Neutral, \oplus = Earthing, D-/D+ = 0-10 V control line).



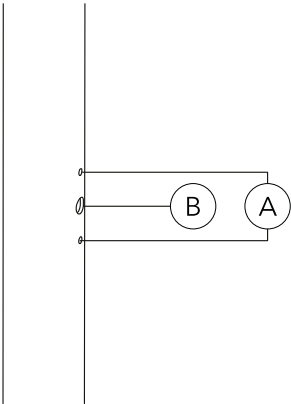
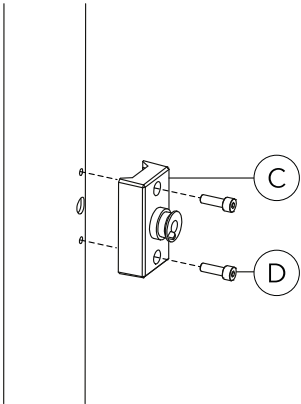
- 8) Loosen screw **G**. Aim luminaire in desired direction and tighten screw **G**.



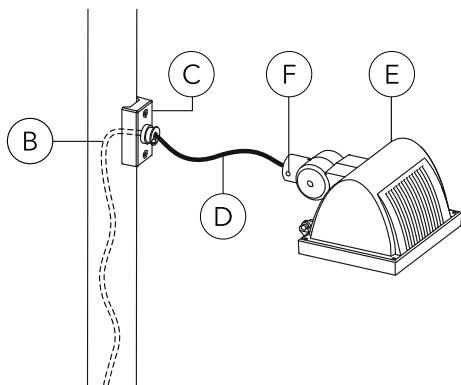
Installation - Column fitter

Suitable for column diameter ≥ 2.99 in.

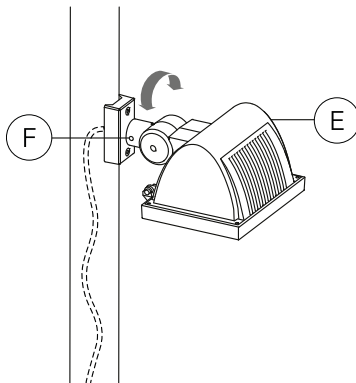
Service door on column has to be provided for cable termination (maximum 5 ft from column fitter mounting position).

<div>1) Switch off mains electrical supply.</div> <div></div>	<div>2) Check that rating shown on luminaire label conforms with mains electrical supply.</div> <div><div><div>we-ef</div><div>07/18 IP66 </div></div><div><div>FLB141-LED → 120-277V / 60Hz</div><div>161-XXXX SOE XXXXXXXX</div><div>LED 3000K 18W item no. XXX</div></div></div> <div>(example)</div>
<div>3) Drill screw holes A and cable entry hole B on column. Ensure cable entry hole B has sufficient diameter to feed cable from luminaire.</div> <div></div>	<div>4) Set and fix column fitter C in position. Insert and tighten screws D.</div> <div></div>

- 5) Loosen screws **F**. Feed cable **D** from luminaire **E** through pivot and cable entry hole **B**. Connect luminaire **E** with column fitter **C** by sliding slipfitter over pivot.

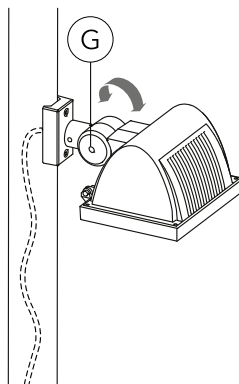


- 6) Turn luminaire **E** towards object to be illuminated. Ensure slipfitter is properly seated on pivot, then tighten screws **F**.



- 7) Connect cable **D** with mains supply cable.
 a) ON/OFF (L = Phase, N = Neutral, \oplus = Earthing)
 b) 0-10 V/DALI (L = Phase, N = Neutral, \oplus = Earthing, D-/D+ = 0-10 V control line).

- 8) Loosen screw **G**. Aim luminaire in desired direction and tighten screw **G**.





www.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

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Technical specifications are
subject to change.