



WE-EF LEUCHTEN

Installation and Maintenance Instructions

RAIL66 Projector

RAIL66 version

FLC121 #7 LED

FLC131 #7 LED

FLC141 #7 LED

Space frame version

FLC121 #7 LED

FLC131 #7 LED

FLC141 #7 LED



Do not open during installation

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



Surge Protection

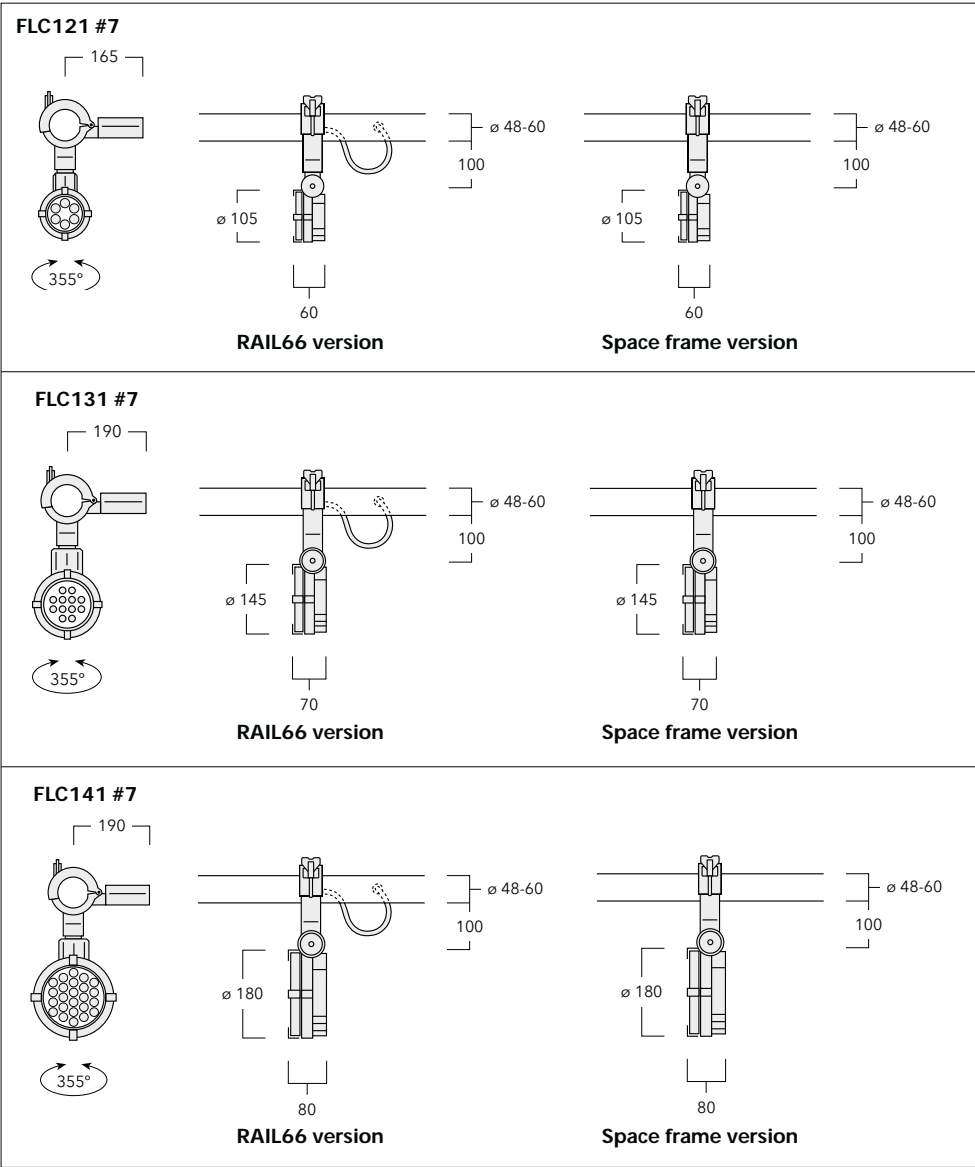
This product features built-in surge protection circuitry in compliance with applicable standards.

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.

RAIL66 Projector



IP66, IK07, Class I, ta = 40°C

Weight	RAIL66 (kg)	Space frame (kg)
for FLC121 #7	2.5	2.1
for FLC131 #7	3.1	2.8
for FLC141 #7	4.7	4.4

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.



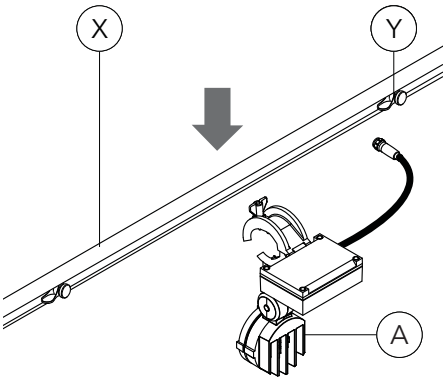

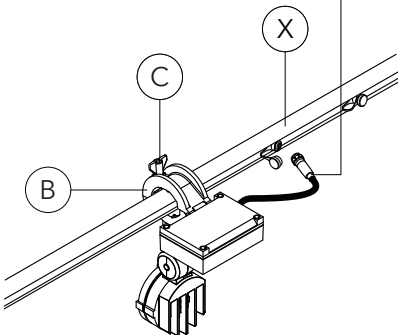
Notice: If the luminaire is modified by anybody other than the original manufacturer, then the warranty will no longer be valid and shall become the full responsibility of the modifying person/organisation. Claims based on defects attributable to improper installation and/or application, and the consequences thereof, are excluded.

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

Installation Procedure

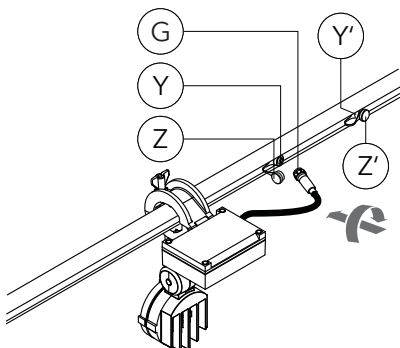
Installation - RAIL66 version

Prior to installing the luminaire, mount and connect the selected RAIL66 mounting system in accordance with relevant installation instructions

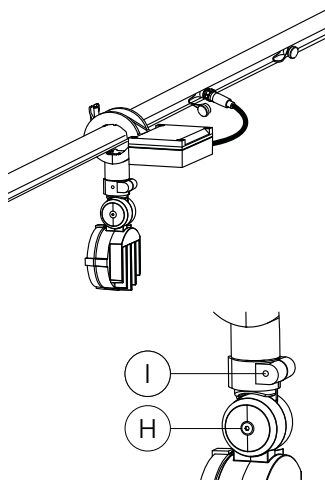
<div>1) Switch off mains electrical supply.</div> <div></div>	<div>2) Check that rating shown on luminaire label conforms with mains electrical supply.</div> <div><div><div><div>we-ef</div><div>12/17 IP66 </div></div><div><div>FLC121-LED → 220-240V50-60/Hz</div><div>145-XXXX SOE XXXXXXXX</div><div>LED 3000K 12W item no. XXX</div></div></div></div> <div>(example)</div>
<div>3) Determine desired position of luminaire A on rail X, dependent on aiming requirements and proximity to a suitable mains outlet Y.</div> <div></div>	<div>4) Attach clamp B to rail X. Tighten wingnut C.</div> <div><div><div></div><div>Warning: Switch off mains electrical supply prior to installing and connecting the luminaire.</div></div></div>

- 5) Remove protective cover **Z** from mains outlet **Y**. Insert in-line connector **G** and tighten.

Attention: On any mains outlet **Y'** that is not used, protective cover **Z'** must remain firmly secured. Check and ensure proper fit and tightness.

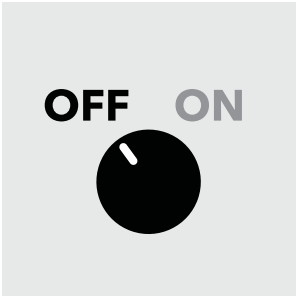

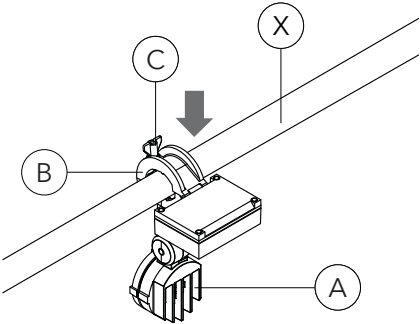
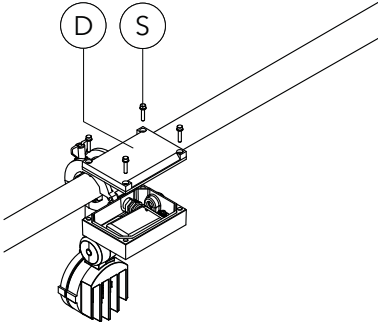


- 6) Loosen screws **H** and **I** slightly. Aim luminaire in desired direction, retighten screws **H** and **I**.



Installation – Space frame version

Suitable for space frame diameter 48-60 mm.

<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>12/17 IP66 </div></div><div>FLC121-LED → <div>220-240V50-60/Hz</div></div><div>145-XXXX SOE XXXXXXXX</div><div>LED 3000K 12W item no. XXX</div></div> <div>(example)</div>
<div>3) Determine desired position of luminaire A on space frame X, dependent on aiming requirements. Attach clamp B to space frame X. Tighten wingnut C.</div> <div></div>	<div>4) Detach gear box cover D by loosening screws S.</div> <div></div>

- 5) Feed mains supply cable **E** through cable gland **G** (Fig. I).

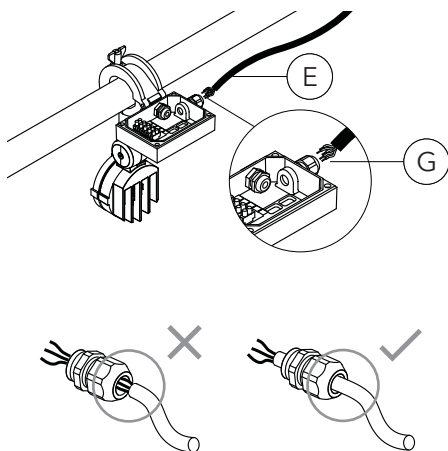
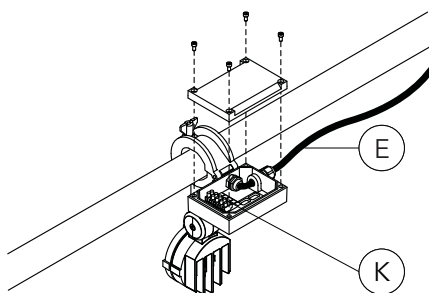


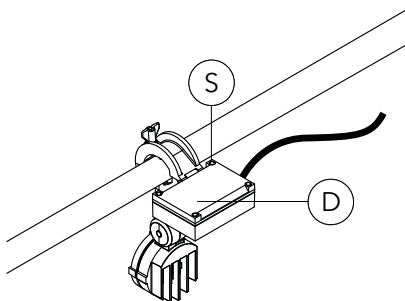
Fig. I

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

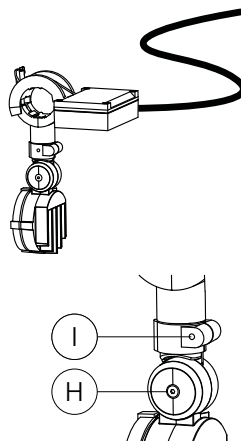
- a) ON/OFF (L = Phase, N = Neutral, \oplus = Earthing)
- b) 1-10 V/DALI (L = Phase, N = Neutral, \oplus = Earthing, DA/DA = DALI control line, D-/D+ = 1-10 V control line).



- 7) Reposition gear box cover **D** and secure in position by retighten screws **S**.



- 8) Loosen screws **H** and **I** slightly. Aim luminaire in desired direction, retighten screws **H** and **I**.





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Technical specifications are
subject to change.