



WE-EF LEUCHTEN

Installation and Maintenance
Instructions

Wall Luminaire Surface Mounted and
Street and Area Lighting Luminaire

FLA441 LED

FLA461 LED



Do not open during installation

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



Surge Protection

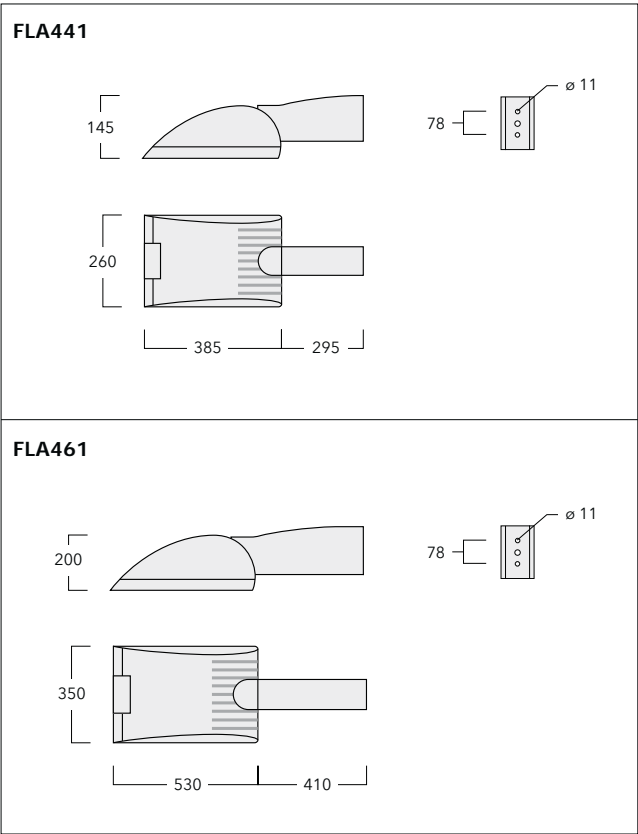
This product features built-in surge protection circuitry in compliance
with applicable standards.

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.

Wall Luminaire Surface Mounted and
Street and Area Lighting Luminaire



FLA441 36W	IP66, Class I, $t_a \leq 40^{\circ}\text{C}$
FLA441 54W	IP66, Class I, $t_a \leq 25^{\circ}\text{C}$
FLA461 72W	IP66, Class I, $t_a \leq 25^{\circ}\text{C}$
FLA461 108W	IP66, Class I, $t_a \leq 25^{\circ}\text{C}$

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.

Attention: The housing **H** containing the LED light source is factory-sealed and does not need to be opened during installation.

Installation Procedure

- 1) Switch off mains electrical supply.
 - 2) Remove gear box cover **B** by loosening screws **C**.
 - 3) Check that rating shown on luminaire label conforms with mains electrical supply.
 - 4) Feed mains supply cable **K** through cable gland **G** (Fig. I), while attaching luminaire **D** to mounting accessory.
 - 5) Secure luminaire by tightening sealnuts **E** evenly with tool **L** (17 mm ring spanner not supplied by WE-EF).
- Attention:** Ensure sealnuts **E** (provided) are fitted as shown with gasketed surface towards pole or mounting bracket. Do not substitute this fastener.
- 6) Connect mains supply cable **K** leads, and control lines where applicable, to respective terminals in terminal connector **F**:
 - a) ON/OFF or WE-EF Control Advanced (L = Phase, N = Neutral, ⊕ = Earthing)
 - b) WE-EF Control Basic (L = Phase, N = Neutral, ⊕ = Earthing, Ls = Switching Phase)
 - c) 1-10 V/DALI or WE-EF Control Dynamic (L = Phase, N = Neutral, ⊕ = Earthing, DA/DA = DALI control line, D-/D+ = 1-10 V control line).
 - 7) Tighten cable gland **G**.
 - 8) Reposition gear box cover **B** and retighten screws **C**.

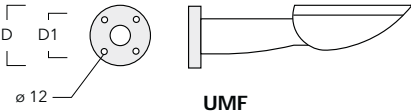
Mounting Accessories

Universal mounting flange

D/D1

UMF20	for FLA441	310-9110	180/150
UMF30	for FLA461	310-9109	250/200

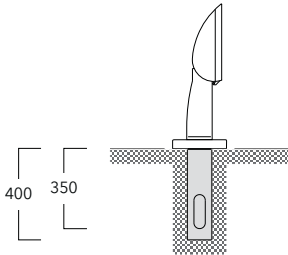
Facilitates installation to flat vertical and horizontal surfaces.



Planted root – Galvanised steel.

ESV4	for FLA441	300-9100
ESV6	for FLA461	300-0824

Provides inground section for universal mounting flange in landscaped areas.



Single column fitter

EB1-102	for FLA441/461	310-9134
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Double column fitter

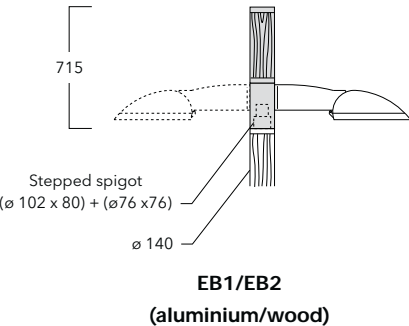
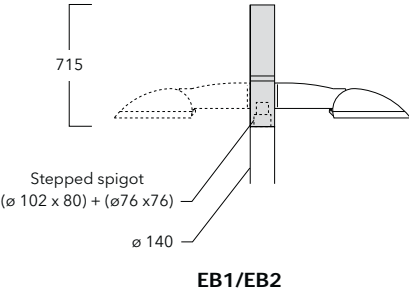
EB2-102	for FLA441/461	310-9135
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Single column fitter – Aluminium/wood.

EB1-102	for FLA441/461	310-9136
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Double column fitter – Aluminium/wood.

EB2-102	for FLA441/461	310-9137
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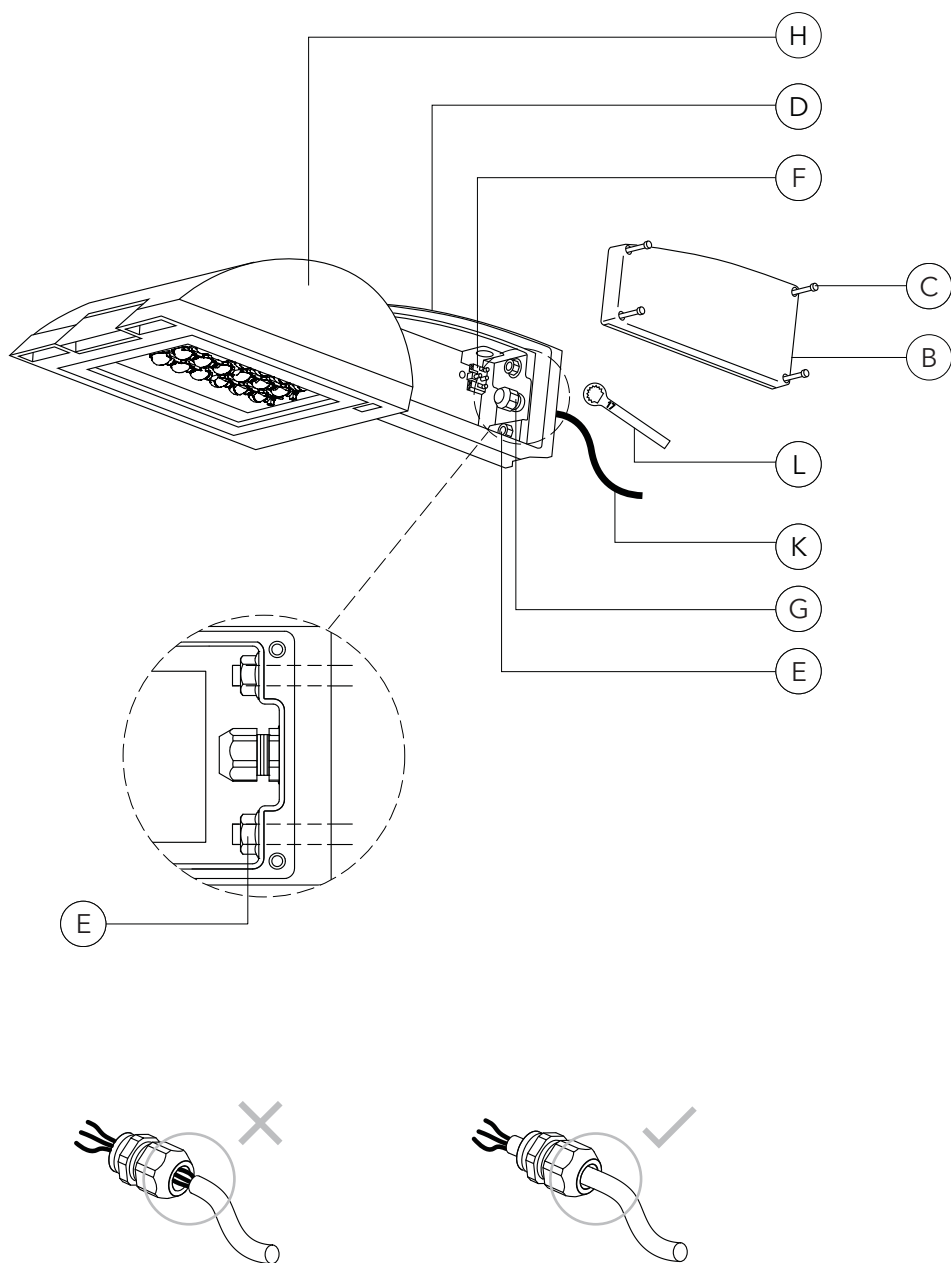


Fig. I. Feed mains supply cable through cable gland



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Technical specifications are
subject to change.