

WE-EF LEUCHTEN

Installation and Maintenance Instructions

Area Floodlight

FLA440 LED

FLA460 LED



Surge Protection

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

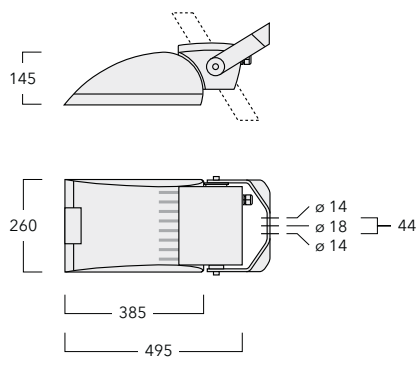
For comprehensive protection of a luminaire installation against lightning and electrical surges, it is essential to cover mains supply and data input lines at the distribution board level, by using respective primary (Type 1) and secondary (Type 2) surge arrestors in compliance with EN61643-11 / IEC61643-1.

Warning

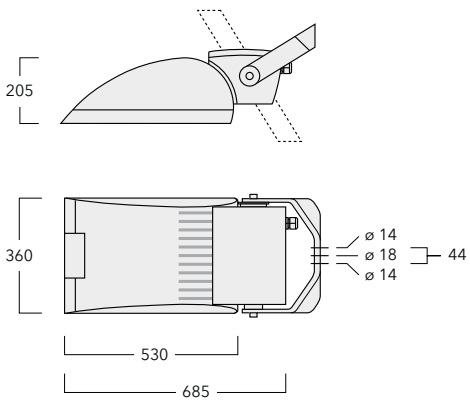
Ensure that all required surge protection measures are in place and activated prior to luminaire installation. Also, disconnect luminaires before operating high-power devices such as, for example, electrical arc welders.

Area Floodlight

FLA440



FLA460



FLA440 36W	IP66, Class I, $t_a \leq 40^{\circ}\text{C}$
FLA440 54W	IP66, Class I, $t_a \leq 25^{\circ}\text{C}$
FLA460 72W	IP66, Class I, $t_a \leq 25^{\circ}\text{C}$
FLA460 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.

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

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

Installation Procedure

- 1) Prior to electrical connection, proceed with mechanical installation by securing stirrup **A** to optional mounting accessory or directly to a suitable surface. Aim luminaire in the desired direction.
Warning: Ensure not to damage any electric cable, water pipe or other devices while drilling holes.
- 2) Switch off mains electrical supply.
- 3) Remove gear box cover **B** by loosening screws **C**.
- 4) Check that rating shown on luminaire label conforms with mains electrical supply.
- 5) Feed mains supply cable **K** through cable gland **G** (Fig. I).
- 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, \oplus = Earthing)
 - b) WE-EF Control Basic (L = Phase, N = Neutral, \oplus = Earthing, Ls = Switching Phase)
 - c) 1-10 V/DALI or WE-EF Control Dynamic (L = Phase, N = Neutral, \oplus = 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**.
- 9) To aim luminaire: Loosen screws **J** slightly, adjust aiming then retighten screws **J**. Tighten screw **I** to secure orientation of luminaire.

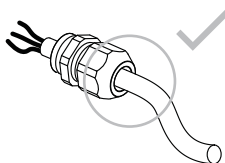
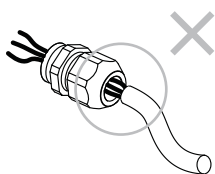
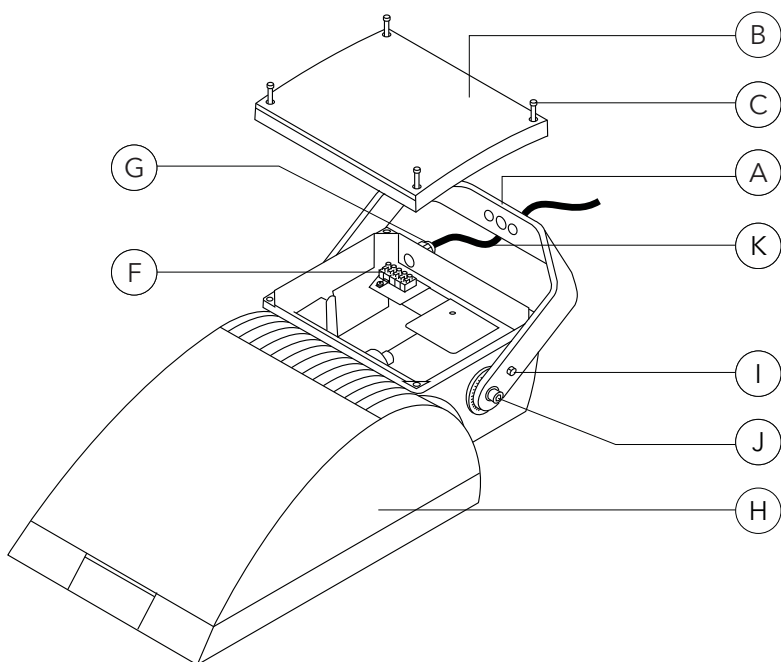


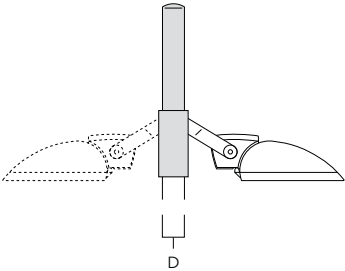
Fig. I. Feed mains supply cable through cable gland

Mounting Accessories

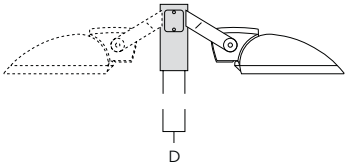
Pole bracket				D
KA1	for 1 x FLA440/460	310-9126	ø 76 x 100	
KA2	for 2 x FLA440/460	310-9127	ø 76 x 100	

Mounting fitter				D
TA1	for 1 x FLA440/460	310-9124	ø 76 x 100	
TA2	for 2 x FLA440/460	310-9125	ø 76 x 100	

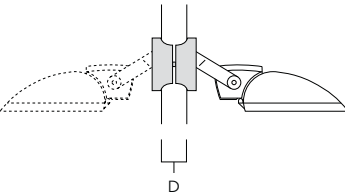
Pipe clamp				D
SP1	for 1 x FLA440/460	146-0241	ø 38-60	
SP1	for 1 x FLA440/460	146-0242	ø 76-89	
SP2	for 2 x FLA440/460	146-0243	ø 38-60	
SP2	for 2 x FLA440/460	146-0244	ø 76-89	



KA1/KA2



TA1/TA2

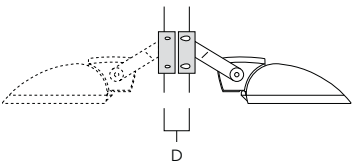


SP1/SP2

Pole clamp

D

TS1	for 1 x FLA440	147-0543	ø 76-89
TS1	for 1 x FLA440	147-0544	ø 114-133
TS2	for 2 x FLA440	147-0545	ø 76-89
TS2	for 2 x FLA440	147-0546	ø 114-133
TS1	for 1 x FLA460	147-0547	ø 76-89
TS1	for 1 x FLA460	147-0548	ø 114-133
TS2	for 2 x FLA460	147-0549	ø 76-89
TS2	for 2 x FLA460	147-0550	ø 114-133



TS1/TS2

Junction box

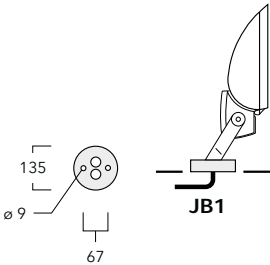
JB1	for FLA440/460	310-9001
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Short post – Matching planted root to be ordered separately.

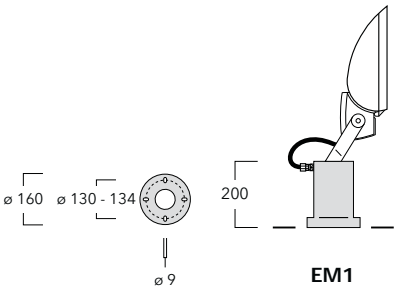
EM1	for FLA440/460	270-9038
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Planted root – Galvanised steel.

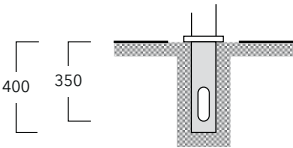
ESV4	for short post	300-0461
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JB1



EM1



ESV4



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Technical specifications are
subject to change.