

WE-EF LEUCHTEN

Installation and Maintenance Instructions

Wall Luminaire Recessed Reduced Depth (RD)

STL134-RD LED

SVL134-RD LED

STO134-RD LED

STI134-RD LED

Shallow Depth (SD)

STL134-SD LED

SVL134-SD LED

STO134-SD LED

STI134-SD 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.



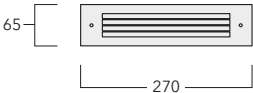
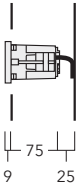
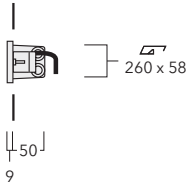
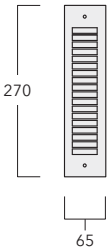
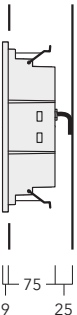
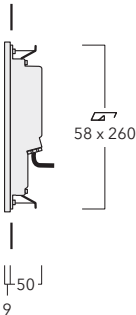
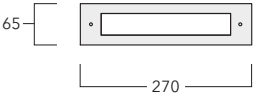
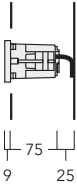
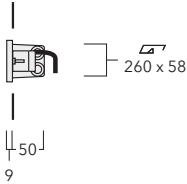
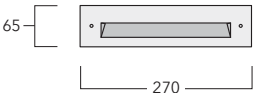
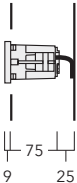
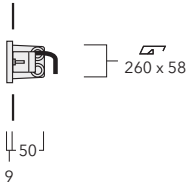
Installation tools

Mounting hardware used on this product includes fasteners with hexalobular socket heads (ISO 10664). Installation requires the use of matching tools.

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 Recessed

			STL134-RD		STL134-SD	
						
			SVL134-RD		SVL134-SD	
						
			STO134-RD		STO134-SD	
						
			STI134-RD		STI134-SD	
						

IP66, IK07, Class I, ta = 40°C

Light Source

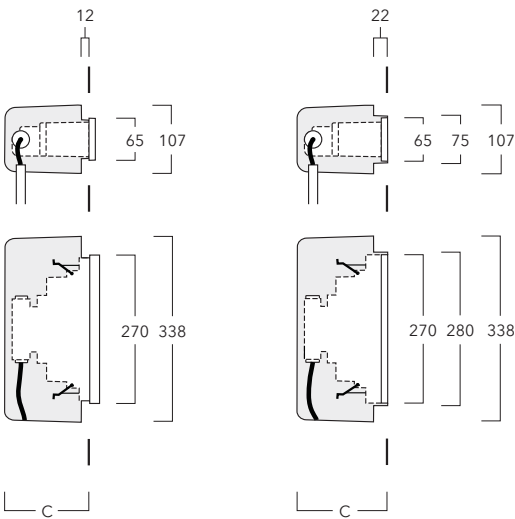
LED

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.



BST13-I

BST13-II

Accessories:

Installation blackout - Luminaire frame proud of surface. C

BST13-I	for STL/SVL/STO/STI134	190-9030	130
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Installation blackout - Luminaire frame flush with surface. C

BST13-II	for STL/SVL/STO/STI134	190-9031	145
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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.

Important: When mounting luminaires on concrete or surfaces containing limestone content, WE-EF recommends using mounting accessories – a short post or a ground spike to prevent galvanic corrosion. In areas where mounting accessories are not applicable, ensure the luminaire's aluminium base is separated from concrete and limestone using a plastic or rubber sheet. Allow concrete to cure before installation – DO NOT INSTALL ON WET CONCRETE!

Handling: Ensure the mounting flange plates are handled with care, scratches and damage to the coated surface can result in galvanic corrosion.

A WE-EF warranty does not cover any adverse reaction or damage, due to improper installation and requests that our recommendations are followed.

Installation Methods

For concrete or brick walls with recess provided by civil contractor:

- a) BST installation blockout (Fig. I).
- b) Cavity (Fig. II).

For stud walls with provision made by civil or electrical contractor: Simple rectangular opening (Fig. III).

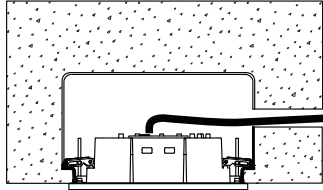


Fig. I

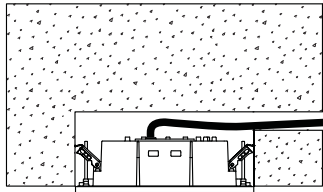


Fig. II

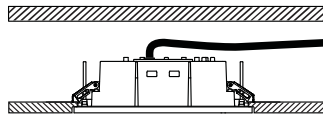
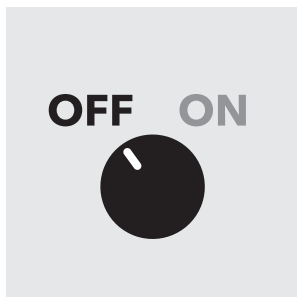


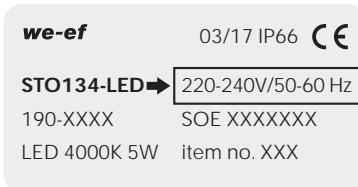
Fig. III

Installation Procedure

- 1) Switch off mains electrical supply.



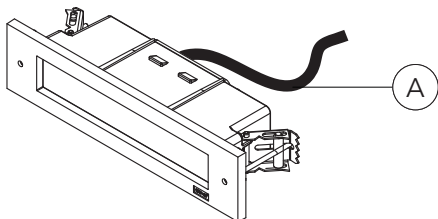
- 2) Check that rating shown on luminaire label conforms with mains electrical supply.



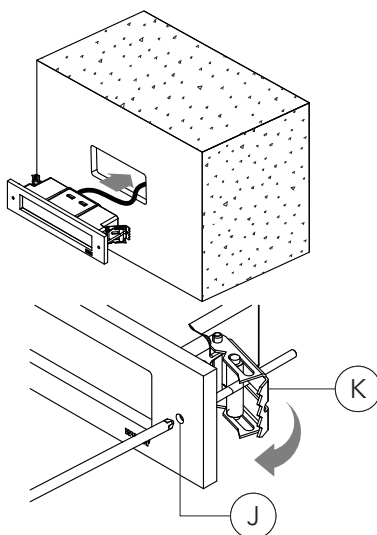
(example)

- 3) Connect cable **A** with mains supply cable, preferably with sealable junction box (SJB) or other types of waterproof connectors (not supplied by WE-EF):

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



- 4) Set luminaire in position. Secure luminaire by firmly tightening screws **J** using a Torx T-20 tool, which will drive claws **K**.





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Technical specifications are
subject to change.



WE-EF LEUCHTEN

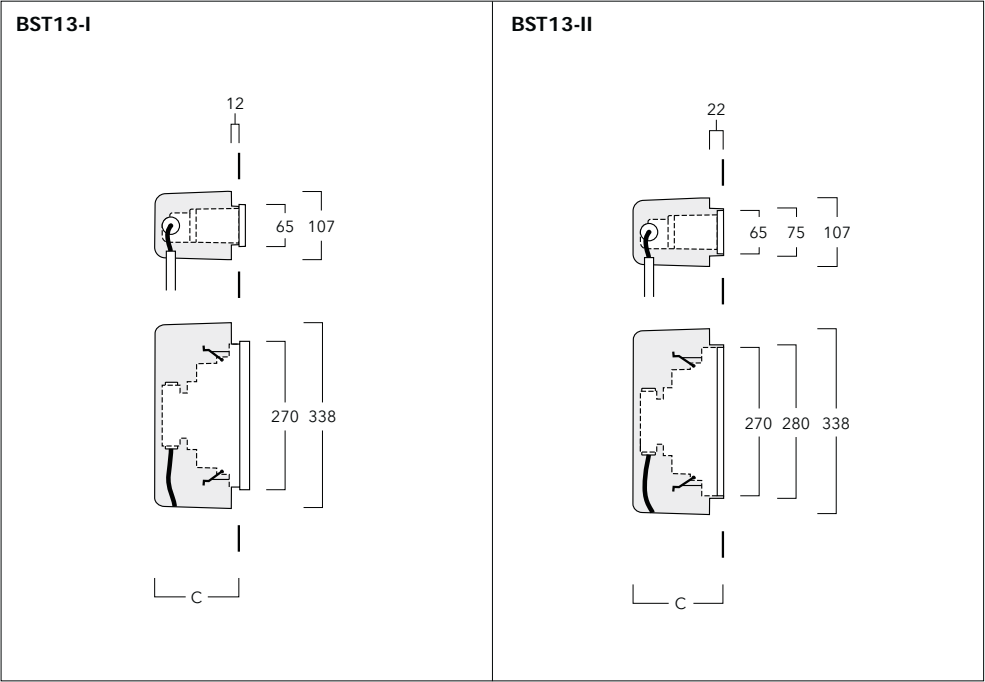
Installation and Maintenance
Instructions

Blockout

BST13-I

BST13-II

Blockouts



Installation Blockouts

For exposed concrete walls. To accommodate recessed wall luminaires.

Type I Blockouts

Luminaire faceplate remains proud of wall surface. Actual recessed depth 'C' is kept to a minimum.

Type II Blockouts

For totally flush luminaire installation. Note increased depth 'C'.

Installation blockout - Luminaire frame proud of surface. C

BST13-I for STL/SVL/STO/STI134 190-9030 130

Installation blockout - Luminaire frame flush with surface. C

BST13-II for STL/SVL/STO/STI134 190-9031 145

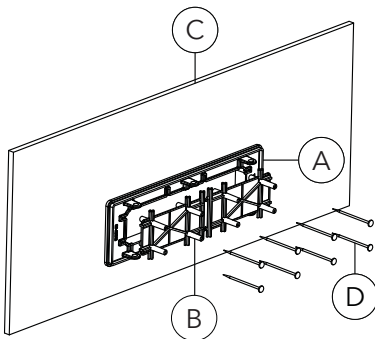
Installation

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.

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

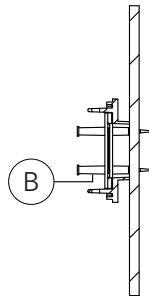
Installation Procedure

- 1.1) Determine exact location of mounting frame **A**. Secure mounting frame **A** and mounting grid **B** to formwork **C** with nails **D** (not included). Where several luminaires are to be installed in one row, pay particular attention to proper alignment.

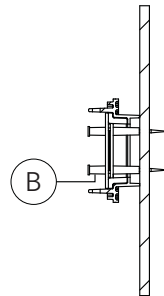


- 1.2) Pay attention to correct orientation of mounting grid **B**, depending on using frame type I or II:

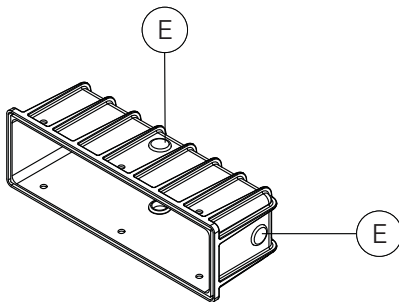
Type I



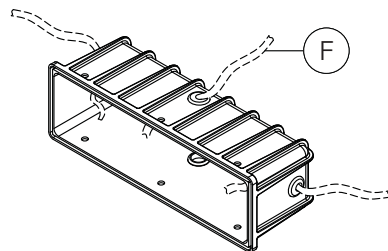
Type II



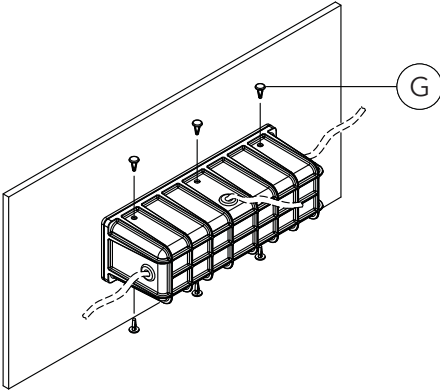
- 2) Pierce or remove grommet(s) **E** as required for cables or conduits. Four entry holes allow horizontal or vertical through wiring.



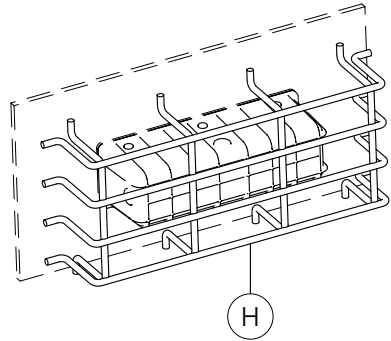
- 3) Pull at least 20 cm of cable(s) **F** into the blackout and prevent them from slipping out when concrete is poured.



- 4) Slip mounting bucket over mounting grid and secure by pushing the six drive fasteners **G** through the holes provided.



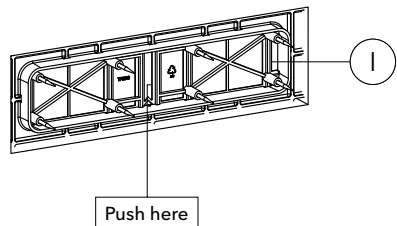
- 5) Provide adequate reinforcement cage **H** in order to prevent damage to unit while pouring concrete.



- 6) While pouring concrete, ensure that mounting frame **A** is not damaged, and that blockout maintains its original shape and remains in its original location.

Follow specifications of DIN1045 regarding pouring of concrete (or those of equivalent inter-national standards). Do not pour concrete from excessive height directly onto block-out.

- 7) After dismantling formwork **C**, push mounting grid **I** into the blockout at the center. It'll break and then can be easily removed.





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