**we-ef**

**WE-EF LIGHTING**
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**

**we-ef**
**INSTALLER HOTLINE**
**+61 458 933 399**
7am – 7pm AEST

**WARNING :**

This product to be installed by qualified personnel only.

Switch off and isolate the electrical supply during installation.

At no stage is the luminaire to be opened when live. Connections and cables are labelled, before installation ensure the supply matches the luminaire designation.

**ESD Sensitive Device:**

This luminaire contains electrostatic sensitive devices. Do not handle the LED PCB or LED connection leads without suitable ESD prevention methods in place. If in doubt contact WE-EF LIGHTING or an authorised Sales partner. Warranty can be void if the correct handling procedures are not observed.

**Surge Protection:**

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.

Luminaires designated with the type code '+A' will have an internal Surge Protection Device (SPD) fitted. Street and area luminaries are supplied with an external SPD.

Where an external SPD is supplied, it must be fitted as per the supplied instructions to maintain warranty conditions.

Ensure that all required surge protection measures are in place and activated prior to luminaire installation. Disconnect luminaires before operating high-power devices such as, for example, electrical arc welders.
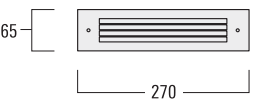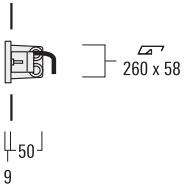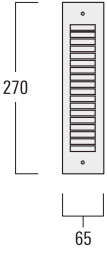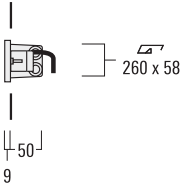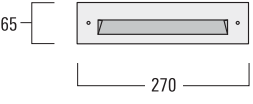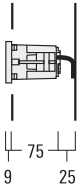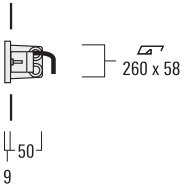
**Cleaning:**
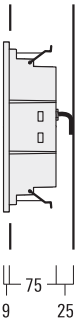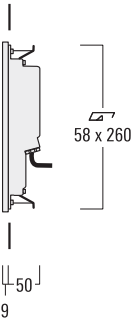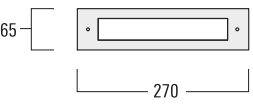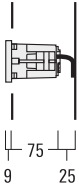
Apart from cleaning the product's exterior surfaces, no special maintenance work is required.

DO NOT use high pressure cleaners on this luminaire

**Notice:**

Unless directed by this installation instruction, the luminaire is to be treated as Factory Sealed with no user serviceable parts. If the luminaire is modified by anybody other than the original manufacturer, 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 also excluded.

If the supplied cable of the luminaire is damaged, it must be replaced by WE-EF or a WE-EF authorized agent.
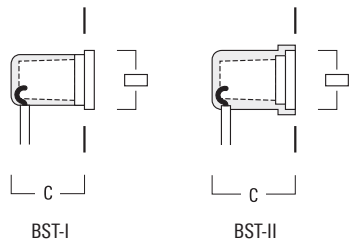
## Wall Luminaire Recessed

**STL134-RD**  **STL134-SD**

65

270

75

9   25

50

9

260 x 58

**SVL134-RD**  **SVL134-SD**

270

65

75

9   25

50

9

58 x 260

**STO134-RD**  **STO134-SD**

65

270

75

9   25

50

9

260 x 58

**STI134-RD**  **STI134-SD**

65

270

75

9   25

50

9

260 x 58

IP66, IK07, Class I, ta = 40°C

## Light Source

LED

BST-I          BST-II

## 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.

## Installation Methods

For concrete or brick walls with recess provided by civil contractor:
a) BST installation blockout (Fig. I).
b) Cavity (Fig. II).
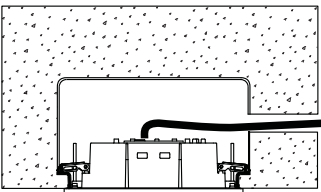For stud walls with provision made by civil or electrical contractor: Simple rectangular opening (Fig. III).
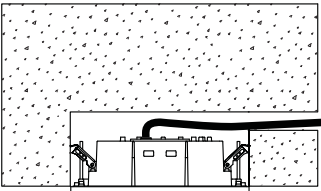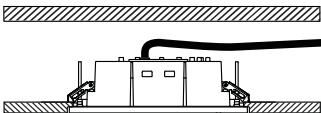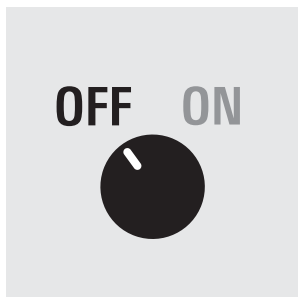


Fig. I



Fig. II



Fig. III

1) Switch off and isolate mains electrical supply.



OFF    ON

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

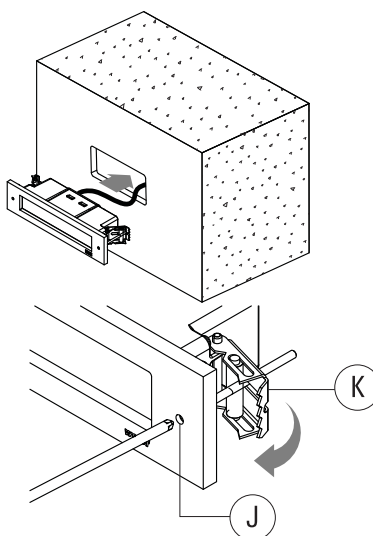| we-ef | 03/17 IP66 CE |
|---|---|
| **STO134-LED** ➡ | 220-240V/50-60 Hz |
| 190-XXXX | SOE XXXXXXX |
| LED 4000K 5W | item no. XXX |

(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) 1-10 V/DALI (L = Phase, N = Neutral, ⏚ = Earthing, DA/DA = DALI control line, D–/D+ = 1-10 V control line).



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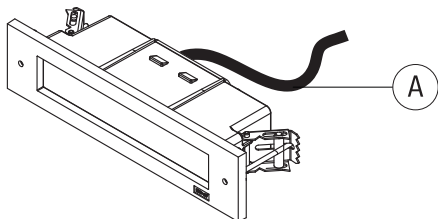
4) Set luminaire in position. Secure luminaire by firmly tightening screws **J** using a Torx T-20 tool, which will drive claws **K**.



K

J

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WE-EF LEUCHTEN
Installation and Maintenance
Instructions

Blockout
**BST13-I**
**BST13-II**

Blockouts

| BST13-I | BST13-II |
|---------|----------|
|  |  |

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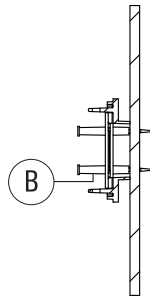
1.1) Determine exact location of mounting frame **A**. Secure mounting frame **A** and mounting grid **B** to formwork **C** with nails **D** (not included). Where several luminaires are to be installed in one row, pay particular attention to proper alignment.
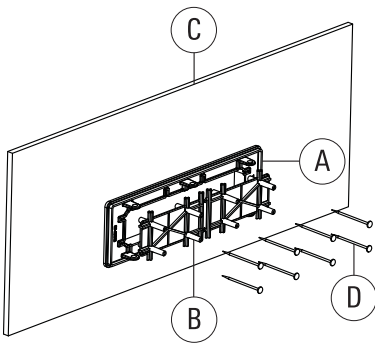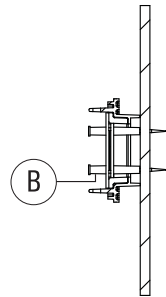


1.2) Pay attention to correct orientation of mounting grid **B**, depending on using frame type I or II:
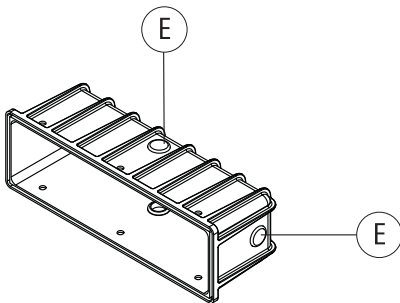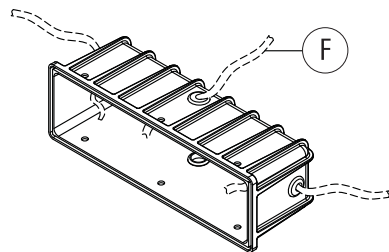
Type **I**          Type **II**



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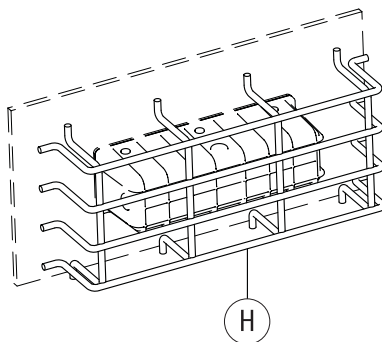


3) Pull at least 20 cm of cable(s) **F** into the block-out and prevent them from slipping out when concrete is poured.

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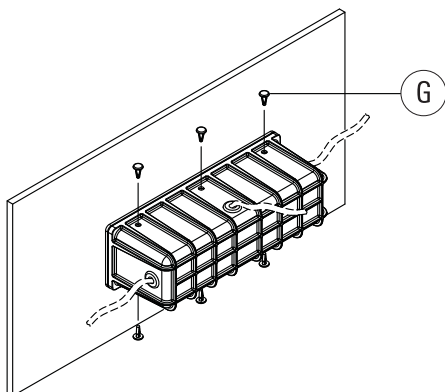


5) Provide adequate reinforcement cage **H** in order to prevent damage to unit while pouring concrete.



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.



Push here
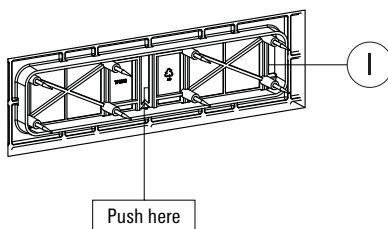
**we-ef**

www.we-ef.com

**WE-EF LEUCHTEN**
Germany
Tel +49 5194 909 0
Fax +49 5194 909 299
info.germany@we-ef.com

**WE-EF LUMIERE**
France
Tel +33 4 74 99 14 44
Fax +33 4 74 99 14 40
info.france@we-ef.com

**WE-EF HELVETICA**
Switzerland
Tel +41 22 752 49 94
Fax +41 22 752 49 74
info.switzerland@we-ef.com

**WE-EF LIGHTING**
United Kingdom
Tel +44 844 880 5346
Fax +44 844 880 5347
info.uk@we-ef.com

**WE-EF LIGHTING**
Thailand
Tel +66 2 738 9610
Fax +66 2 175 2174
info.asiapacific@we-ef.com

**WE-EF LIGHTING**
Australia
Tel +61 3 8587 0444
Fax +61 3 8587 0499
info.australia@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

**we-ef**
INSTALLER
HOTLINE
**+61 458 933 399**
7am – 7pm AEST

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Technical specifications are
subject to change.