

we-ef

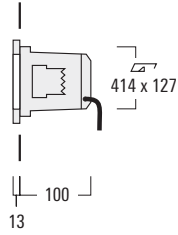
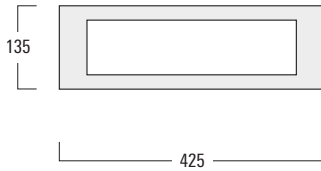


Installation and
Maintenance Instructions for
Steplights
ST0279
ST1274

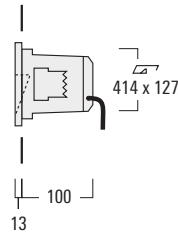
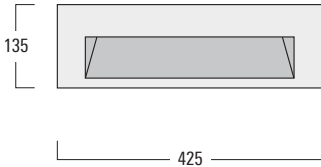


Steplights

ST0279



ST1274



Lamps

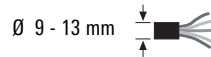
TC-L 24W 2G1

LED 9W

Nominal power, for latest data refer to www.we-ef.com

Protection: IP66

Class I, II, , $t_a = 25^\circ\text{C}$ ▽



Blockouts

Typ / Type I **133-0217** BST27-I C = 125

Blockouts

Typ / Type II **133-0219** BST27-II C = 135

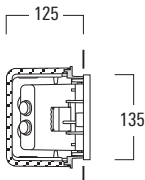
Pre-wallmounting:

Luminaire faceplate rests on wall surface.

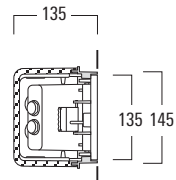
Inside wallmounting:

For total flush luminaire installation

Typ I




Typ II



Installation

The luminaire must be installed and maintained by a suitably qualified person in compliance with latest construction and electrical regulations and relevant legislation.

The given information from the lamp manufacturer about the correct lamp, operation and maintenance are strictly to be observed.

The minimum distance to the illuminated object has to be observed (see sign  inside of luminaire).


The luminaire shall be operated only with complete protection cover. Replace any broken protection cover.

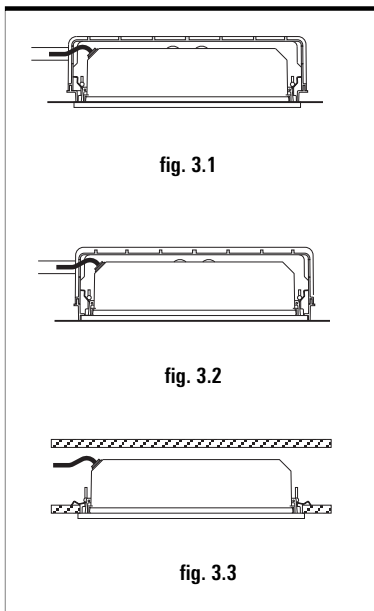
In case of questions please contact our technical hotline: +49 5194 909209 (from Monday - Friday from 08.00 until 16.00 hours).

Installation alternatives

Installation inside BST27-I  fig. 3.1

Installation inside BST27-II  fig. 3.2

Installation in hollow wall  fig. 3.3



Installation of a BST27-I or BST27-II to the formwork for example for a concrete wall

- 1) Insert mounting grille **A** to frame BST27-I or BST27-II **B**, **fig. 4.1**. Pay attention to the indication on the mounting grille regarding the formwork side.
- 2) Place the frame to the required position on the formwork. In case several luminaries shall get placed in one row pay particular attention to the correct alignment. On the installation blockouts **B** you can find arrows **G** in central of each side which will be of help, **fig. 4.3**.
- 3) Nail mounting grille with frame on to the formwork, **fig. 4.1**. Pay attention that the frame is flush with the formwork. Both frames shall later end flush with the finalized wall.
- 4) Before the installation blackout **C** is fixed make sure that the corresponding diaphragm grommets **D** for the cable entries are placed to the correct sides.
- 5) The connecting lines are not allowed to exceed a max. outer diameter of 13 mm. We suggest 2 x 1,5 mm² resp. 3 x 1,5 mm². Larger cables do not fit anymore inside the gap between housing and installation block-out and do not fit inside the diaphragm couplings.
- 6) Feed the empty conduit **J** through the diaphragm grommets **D** inside the BST.
- 7) Insert installation blackout **C** on to the frame, **fig. 4.2** and fasten it with the attached mounting buttons **E**.
- 8) Bring liquid concrete according to DIN 1045 in to the formwork. Pay attention to:
 - a) the mounting frame must be tight and not get damaged
 - b) do not pour concrete from larger height inside mounting frame.
 - c) Make sure of correct fit of the installation blackout during consolidation of concrete. Precaution must be taken.
- 9) **Safety instruction:** After the formwork is removed including cover, cut or pull off the now remaining nails to avoid injuries. Then install luminaire.

Abb. 4.1
fig. 4.1

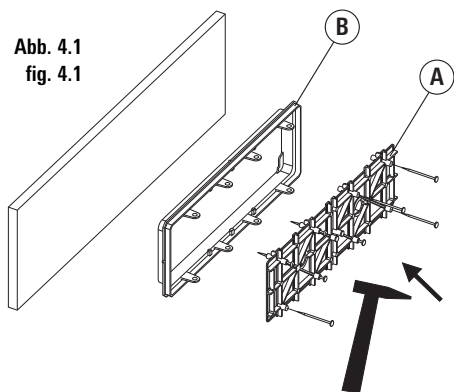


Abb. 4.2
fig. 4.2

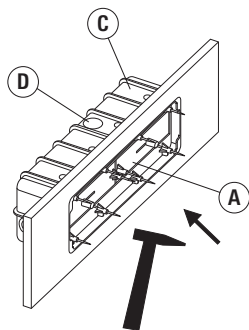
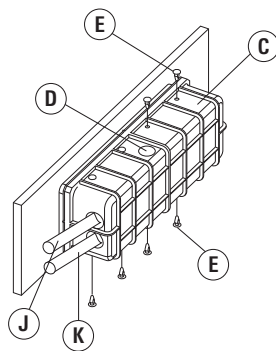


Abb. 4.3
fig. 4.3

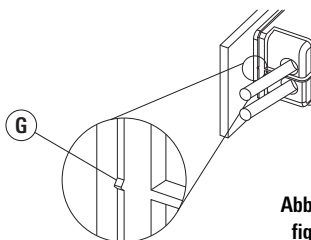


Abb. 4.4
fig. 4.4

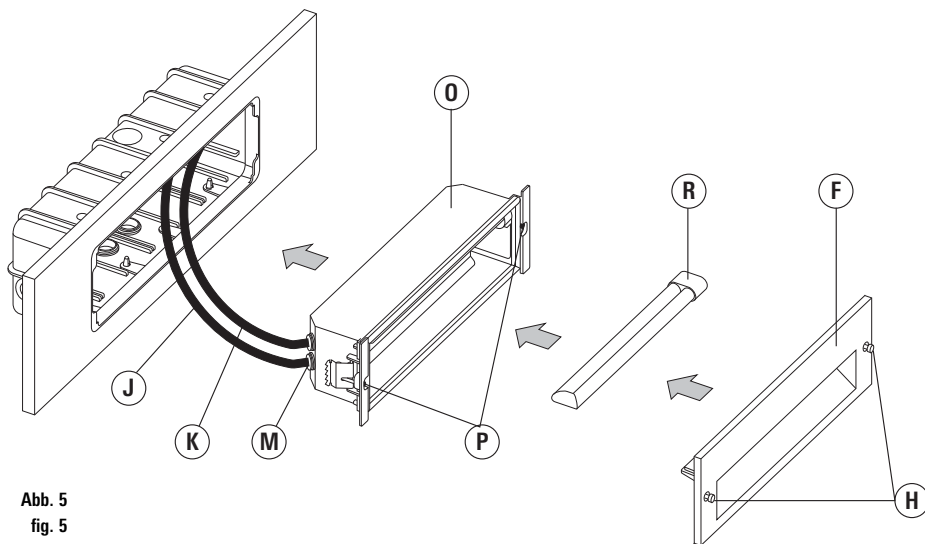


Abb. 5
fig. 5

Installation procedure of luminaire

- 10) Switch off the mains electrical supply. ⚡
- 11) Remove mounting grille **A**. You can easily destroy it by using a hammer, **fig. 4.3**. Carefully remove fragments and nails and discard it in compliance with the most recent environmental legislation.
- 12) Loosen hexagon socket screws **H** and remove frame with cover **F**, **fig. 5**. (Attention: for STI274 and ST0279 the cover and frame are glued together. For ST0279 VA the cover and frame are bonded with glued in screws. Cover and frame are one complete part and are not allowed to get separated, because we can not guarantee tightness in case of separation).
- 13) Check that rating shown on the luminaire label conforms with the mains electrical supply.
- 14) Perforate the diaphragm grommets with a suitable tool corresponding to the used cable cross section. The connecting lines are not allowed to exceed a max. outer diameter of 13 mm. (We suggest 2 x 1,5 mm² resp. 3 x 1,5 mm²). Larger cables do not fit anymore inside the gap between housing and installation block-out and do not fit inside the diaphragm couplings.
- 15) Feed the mains supply cable **J / K** through the cable entry **M** inside luminaire, **fig. 5**. Put the housing **O** inside wall installation blockout (or wall cavity) and tighten screws **P**.
- 16) a) Class I:
Connect the mains supply leads to their respective terminals in the terminal block **Q** (N = neutral, L = phase, ⊕ = earthing). Firmly tighten screws of strain relief, **fig. 6.1 / 6.2**.
- b) Class II:
Insert the double insulated connecting cable inside strain relief. Connect the mains supply leads to their respective terminals in the terminal block **Q** (N = neutral, L = phase, ⊕ = earthing). Firmly tighten screws of strain relief, **fig. 6.1 / 6.2**.
- 17) Fit the appropriate lamp **R**, as indicated on the luminaire label, by inserting it firmly into the lampholder **L**.

- 18) Put on frame **F** with cover and carefully close luminaire.
- 19) For installation in a cavity (**fig. 3.3**) no wall installation blockout is required. For the correct cavity dimensions use the attached mounting template.

Wiring

Individual connection

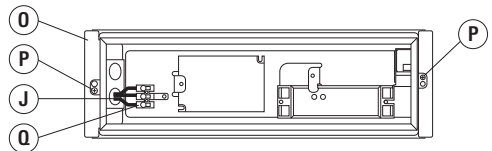


fig. 6.1

Through wiring

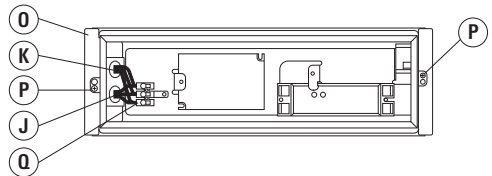


fig. 6.2

Lamp Replacement and Maintenance

Do not open luminaire while in operation or while mains supply is switched on!

- 1) Switch off the mains electrical supply. ⚡
- 2) Open luminaire. Clean all exterior surfaces, if necessary by using a wet cloth with mild detergent.
- 3) Check gasket for damage and replace if necessary.
- 4) Close luminaire.

Protect our environment: Discard used lamps in compliance with the most recent environmental legislation.



INSTALLATION INSTRUCTIONS

PRODUCT ID : WE-EF AUSTRALIA CABLE GLAND KIT

we-ef

DESCRIPTION : CIRCULAR & TPS CABLE GLAND KIT

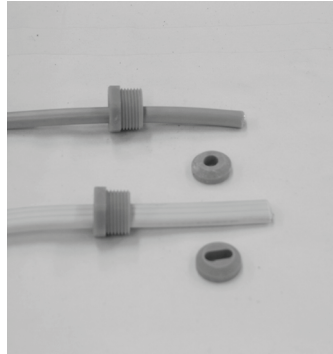
THE ELECTRICAL WIRING SHOULD BE INSTALLED AND MAINTAINED BY A SUITABLY QUALIFIED PERSON IN COMPLIANCE WITH THE LATEST CONSTRUCTION AND ELECTRICAL REGULATIONS AND RELEVANT LEGISLATION.

NOTE: Product images are for illustrative purposes only and may differ from the actual product

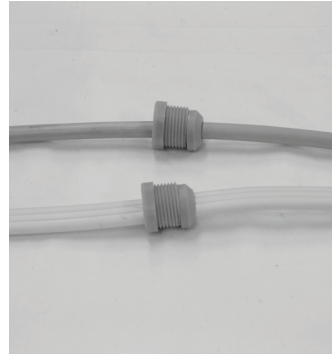
Pic 1



Pic 2



Pic 3



Pic 4



Pic 5



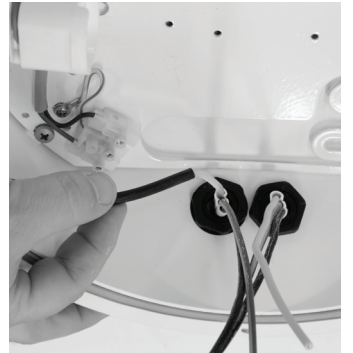
Pic 6



Pic 7



Pic 8



Pic 9



INSTRUCTIONS

- 1) Circular & TPS Grommet Kit comes complete with (PIC 1)
 - a) 1 x Compression Nut
 - b) 1 x TPS Grommet to suit 1mm to 2.5mm core cables
 - c) 3 x Silicon Sleeves
 - d) 2 X Grommets
- 2) Slide compression nut over cable with thread facing the end of the cable (PIC 2)
- 3) Slide correct grommet over cable with flat side facing compression nut with enough length to connect to supply terminals (PIC 3)
- 4) Feed cable through cable gland adaptor (PIC 4)
- 5) Tighten compression nut (PIC 5)
- 6) Looping can be done by removing lug stop on second cable entry of fitted (PIC 6)
- 7) Fit looping cable as per steps 2 to 5 (PIC 7)
- 8) Strip back cables, cut to length and fit silicon sleeving over cables (PIC 8)
- 9) Connect wires to supply terminals (PIC 9)



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ST0279_STI274_010514/ 006-0877

Technische Änderungen vorbehalten.

Technical specifications are subject to change.

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