

Lichtlauf

product description

Design Christoph Matthias 2015

The exterior lamp Telled perfectly illuminates driveways, gardens or porches. It can be installed in half public as in private places as well.

Due to its unpretentious design the luminaire integrates in various surroundings and attracts attention by the created light space.

The light reaches the ambience without having a dazzling effect on the observer.

Telled can be mounted on a concrete base, ground spike or baseplate.

Coated stainless steel and aluminum, used for this lamp, are appropriate materials for outdoor use.

3 x LED, ca. 12 W, colour temperature warm white

colour lamp: black

colour plate: black, red or corten steel

other colours and heights on request

enclosed

1 Telled

1 can closure FDM with LED electronic control gear (ECG)

4 Terminals

1 fixing claw

6 nuts

technical data

3 x LED, total about 12W, max. 350mA



Type:
outdoor light IP 54

notes

operate light only with short-circuit-proof safety isolating transformer, power supply unit included in delivery



This light contains built-in LED lamps.
Energy classes: A - A ++
The lamp only can be exchanged by the manufacturer.

safety note

Follow always the hints of this instruction for a safe assembly and use of these lights. Keep the assembly instruction for further questions.

The assembly and the electric supply must be done by an electric professional. Local installation regulations have to be respected.

The manufacturer accepts no liability for any damage due to improper use of the luminaire.

Attention! Before working on the luminaire disconnect it from the mains. Also for cleaning, maintenance and lamp change.

Luminaires are only allowed to be used for the specified purpose. Interior lights may not be used in outside area. Luminaires may not be covered.

They may not be connected to power supply still they are packaged.

Lights with electronic control gears (ECG) have to be operated with original ECGs.

The lamp change must be done by a competent professional.

Use only lamps with same type of construction, performance and voltage.

In case of damages, in particular of cable and socket, the luminaire have to be shut off immediately. In case of damage on the mains cable it has to be changed by the Lichtlauf GmbH.

For malfunction call authorized personnel for troubleshooting.

Never repair it by yourself.

Through improper repair work may arise risk for the user.

Elements of plug and connection shall be free from traction and torque.

care instructions

Disconnect the device from the power supply grid before cleaning.

The care of the lamp is limited to the surfaces.

Make sure no liquid reach the connection area or electrical components.

Important:
Please don't use spiritus or alcohol containing products.
As well as no abrasives or abrasive containing detergents.

Only use a damp cloth to clean the lamp.

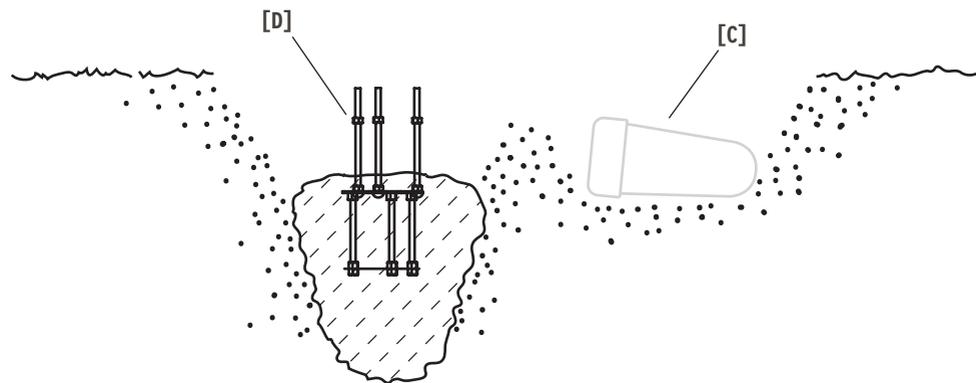
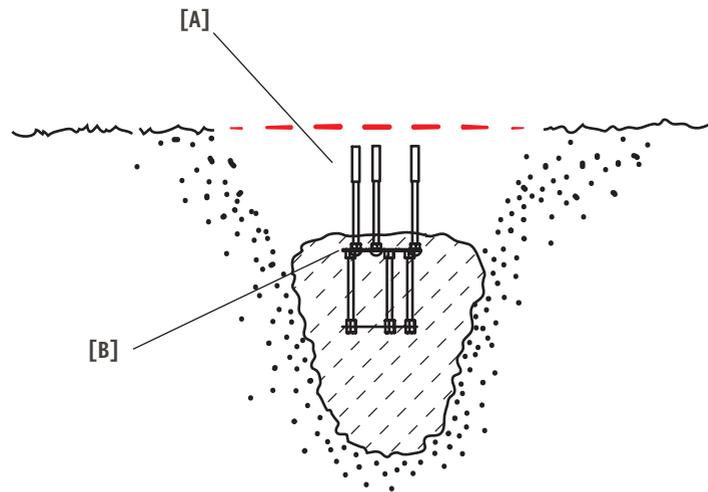
For heavy soiling we recommend a plastic cleaner.

special notes

Keep plastic bags and small components away from children to avoid risks of suffocation or swallowing!

Do not look directly into the light source!
(risk of glare or eye damage)

preparation



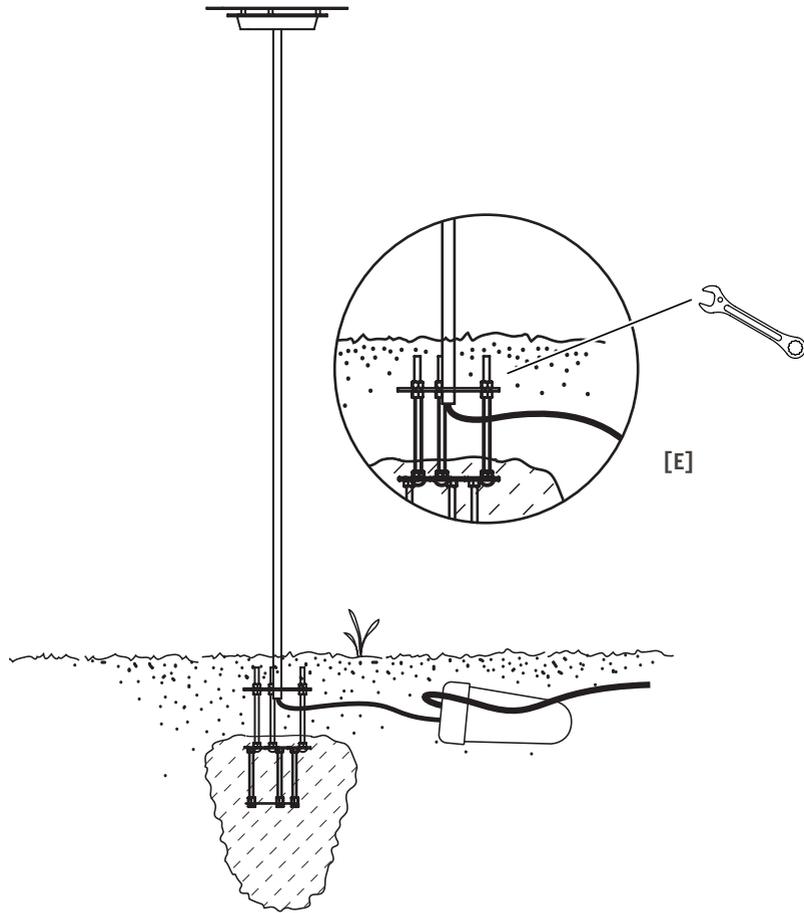
1. Dig a hole in the desired location. The diameter should be approx. 20 cm and the depth approx. 20 cm. Mix enough concrete and then pour it into the hole.

2. Take the fixing claw [A] and put it into the damp concrete until the ring is covered with concrete. [B] The threaded rods should be about two centimeters below ground level.

Let the concrete harden.

Next to the hole with the fixing claw, dig another recess for the can closure [C].

Remove the protective caps on the threaded rods and screw a nut onto each threaded rod [D].



Put the lamp onto the fixture. Use the lower nuts to level the lamp and tighten them with the nuts above afterwards. [E]

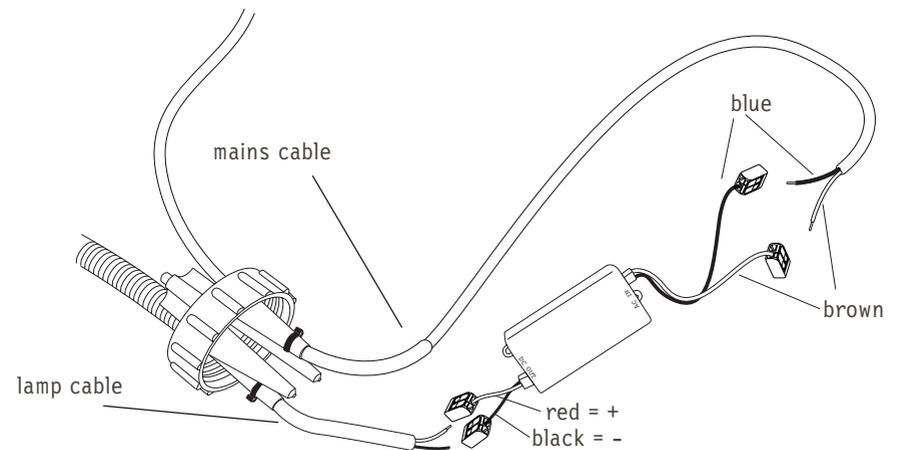
The assembly and electric connection must be done by an electric professional. **Attention! Before working on the luminaire disconnect it from the mains.** Attend the instructions of the can closure FDM manufacturer Friedel which is illustrated on the following pages.

The base and the can closure must be covered with gravel or soil at the end.

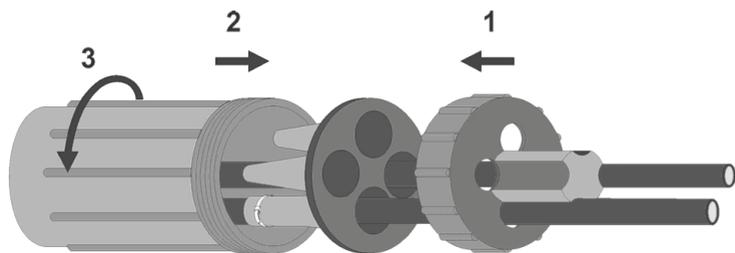
Description to the assembly instruction of the Friedl Can Closure (see following pages)

Open the can closure, while holding the yellow cap and turning the black can body counter-clockwise. Cut as described in the instruction a close fit to one of the rubber sleeves. The size of the hole should be 2/3 of the cable diameter of your cable at maximum. Use a submersible water resistant mains cable. Otherwise the water might reach the inside of the can closure through the cable. Clean the can closure as required and use enclosed cable lubricant to push the cable through the hole in the rubber sleeve. (Step 3, FDM instruction) Push the lamp cable approx. 15 cm through the rubber sleeve. Pay attention that the rubber sleeve does not get damaged. Use the cable tie to seal up as shown in Step 4 FDM instruction. Use the terminals to connect them to the ECG in accordance to the colors (black = -negative, red = + positive connector) (see figure below) Do the same with the mains cable. Strip of approx. 8 cm from the outer insulation of the mains cable. Strip of approx. 10 mm from the inner insulation of the connector and neutral connector

Use the terminals to connect them to the ECG in accordance to the colors (blue = neutral connector, brown = connector). Open the lever of the free position on the terminal and push the strand into the terminal. Close the lever and control the strand fits firm in the terminal. Proceed as with connector and neutral connector. Use the cable tie to seal up as shown in Step 4 FDM instruction. Before you close the can closure, grease the front end with the cable lubricant as described in the instruction in Step 5 FDM instruction. Close the can closure, while you turn the black can body clockwise against the cap. Close closure very tight and according to the torque information on the instructions. Use the big cable tie to strain relieve mains cable and secondary cable. (Step 6, FDM instruction) The installation of the can closure is in the area of responsibility of the installer.



The Friedl Can Closure FDM



- for control- and powercable up to 1000 volt
- easy for in-line and branch-off connections
- for direct buried and aerial cable connections
- for all type of cables from \varnothing 7 - 25 mm (FDM 2)
- 4 entries, no additional tools or special skills needed

Type		Box
FDM 1	4x \varnothing 5-14 mm	10 p
FDM 2	4x \varnothing 7-25 mm	6 p

FDM 2: Box incl. 1 Set closing tool

ABSOLUTE SEAL (IP 68) - REOPENABLE - UV-RESISTENT

EASY - FAST - RELIABLE - AFFORDABLE

Approved by the Austrian Electrotechnology Institute OEVE/VDE (IM 22, IP 68)
Used by the Austrian Telecom and many countries.
Protected by patent law, ISO 9001, EU-Norm 50.393:2006

Producer: FRIEDL GmbH, A-2201 Hagenbrunn
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email: office@friedl-net.com

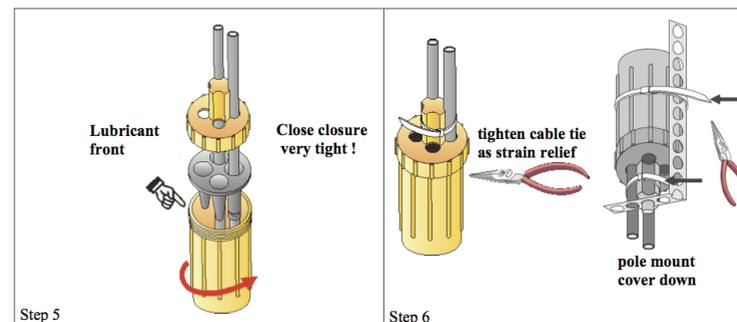
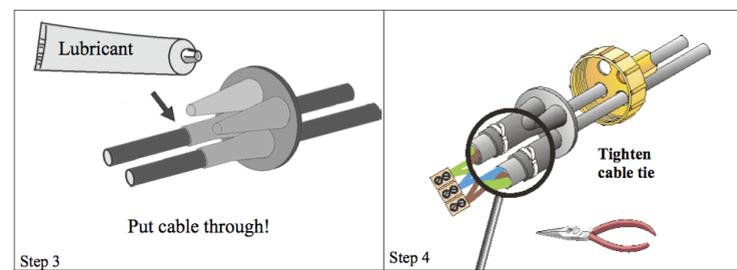
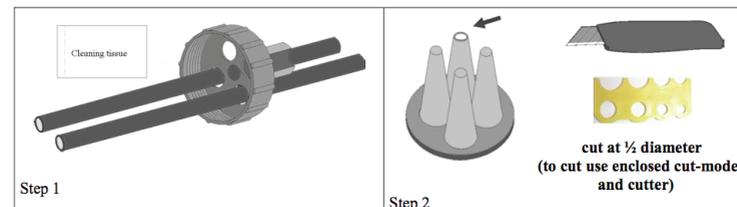
The professional installation of the closure is in the responsibility of the installation company.

The FRIEDL Can Closure FDM is such easy to install:

Connect and Branch Closures for Electropower- and Telecom cable

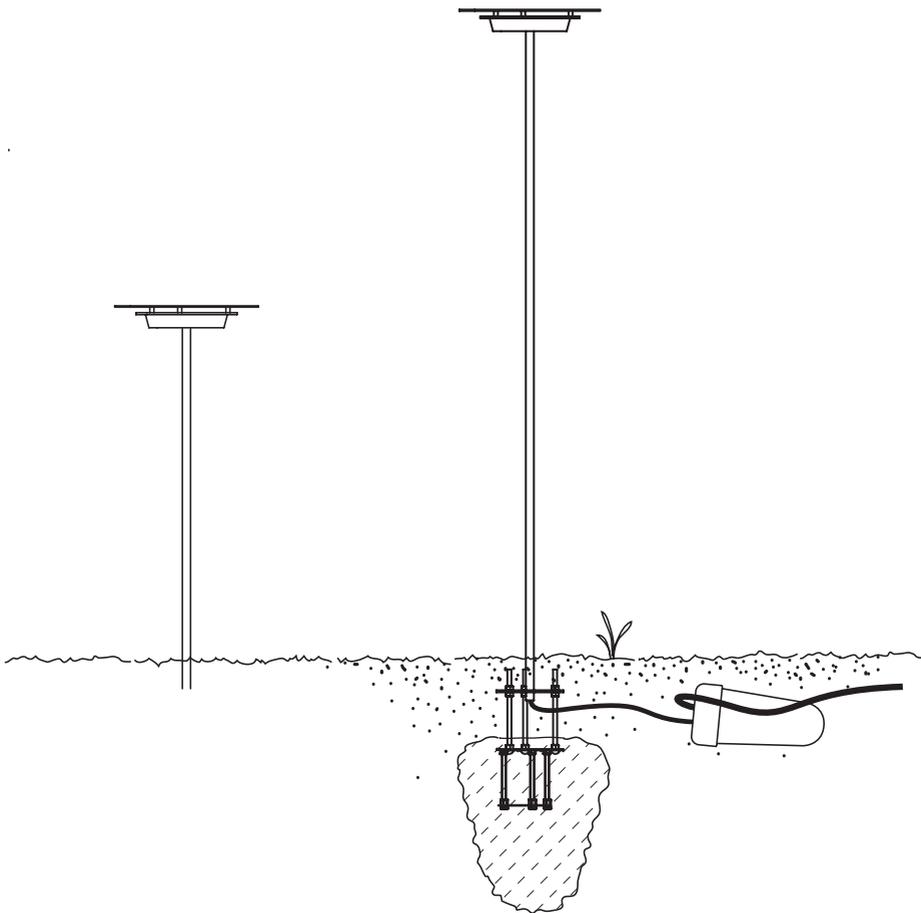
Types: FDM 1 MNr.: 2-000-000-591
FDM 2 MNr.: 2-000-018-886

Steps:



groups

Repeat the procedure for further lights.
If necessary, group the main cables together
in a central closure.



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