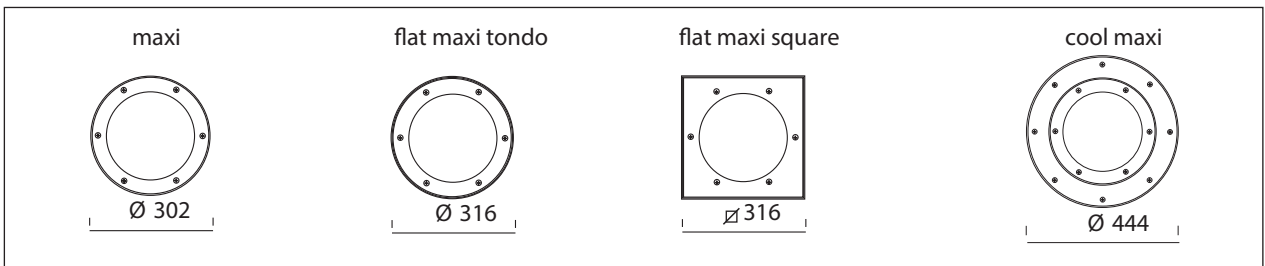
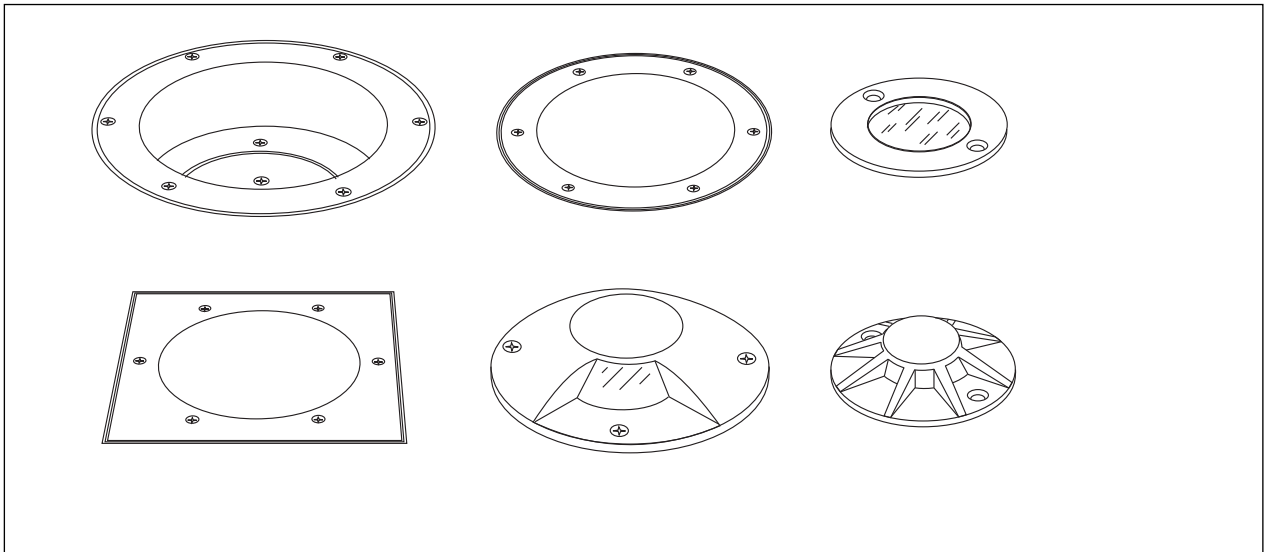


IP 67





IP 67/65 - Dust- and immersion-proof.

Attention !
Do not plug in or unplug the connector when power is on!

120V 50/60HZ




WARNING

1. The safety of the unit is only guaranteed if the instructions are followed correctly; therefore please retain the instructions.
2. Before connecting the unit to the mains, ensure the power has been switched off.
3. Do not use the light fixture without protection glass and replace it in case cracks or splits appear. Ask the for original spare parts.
3. Install the light fixture in such a way that the lamp functions in a horizontal position.
4. The installer should guarantee the correct mechanical and electrical installation of the light fixture.
5. All light fixtures for metal halide should be used only with lamps with a low UV emission.
6. Under no circumstances the light fitting may be covered with insulation material or anything similar.
7. It is the responsibility of the user to ensure the electrical, mechanical, and thermal compatibility of the track system and the fittings.
8. Materials used for ceiling fixation should conform to relevant building regulations.
9. Use a soft cloth to clean the reflector. Do not use cleaning solvent, alcohol or abrasive products when cleaning the protection glass.



CONNECTION TO THE MAINS

- For the light fixtures supplied with cable, connect the cable directly to the Mains.
- For the light fixtures without supply cable, check if they need 12V or 230V control gears. For the first (12V supply tension) you should buy transformers with the suitable tension and rating for the lamp. The transformer has to be installed where it is easily accessible for maintenance. Furthermore, if possible, the transformer should be installed near the light fixture, since the output low voltage implies relatively high currents and consequently excessive connection cable lengths can cause tension drops in the line which may jeopardize the correct functioning of the light fixture.
- Besides the length of the connection cables, you should check also the section of the single supply cables because if you exceed the maximum load, the cables will overheat.
- The range of Olodum light fixtures is supplied with cable glands with different dimensions for which the correct cable should be used, as indicated in the following layout: TAB.1
- Lead the connection cable through the cable gland on the back side of the housing and then connect it to the terminal block as indicated in the diagrams of fig. 1 and fig. 2 for respectively 120V and 12V supply voltages.
- In case of through wiring, use the second cable gland, supplied with the light fixture; install it on the housing, using the pre-marked hole. Use all gaskets and tighten the cable glands.

CAUTION!

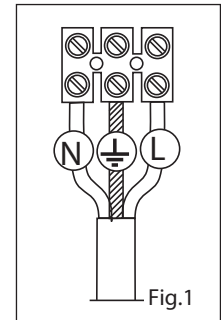
- For the type of application for which this light fixture should be used, we recommend to clean the protection glass regularly because insects, earth and dry leaves on the glass can reduce the quantity of light emitted and the life of the light fixture. Check also if the installation location is compatible with the temperatures developed on the glass (see the values in our general catalogue). In case it is necessary to have temperatures under 75°C, use the "Cool glass" .../CG models.

TAB.1

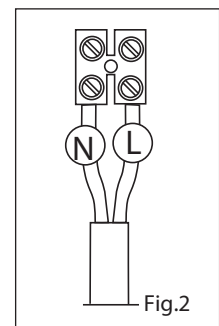
Type	Cable Gland	Type and Diameter of Input Cable
OLODUM MICRO		H05RN-F 2G 0.75 mm ² Ø from 5 to 7 mm
OLODUM LED	PG11	H05RN-F 2G 1 mm ² Ø from 6 to 10 mm H07RN-F 2G 1 mm ² Ø from 6 to 10 mm H05RN-F 3G 1 mm ² Ø from 6 to 10 mm
OLODUM MINI	PG11	H05RN-F 2G 1 mm ² Ø from 6 to 10 mm H07RN-F 2G 1.5 mm ² Ø from 6 to 10 mm H07RN-F 2G 1 mm ² Ø from 6 to 10 mm
OLODUM MIDI	PG13.5	H07RN-F 3G 1.5 mm ² Ø from 8 to 12 mm
OLODUM STANDARD	PG13.5	H07RN-F 3G 1.5 mm ² Ø from 8 to 12 mm
OLODUM MAX	PG13.5	H07RN-F 3G 1.5 mm ² Ø from 8 to 12 mm
N.B. Do not use PVC or similar supply cables		



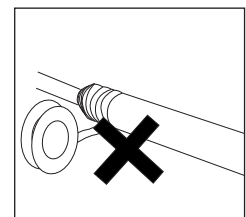
Attention!
Do not plug in or unplug the
connector when power is on!
120V 50/60HZ



Supply tension 120V



Supply tension 12V





MINI LED - MINI - MIDI - STANDARD - MAXI - FULL GLASS

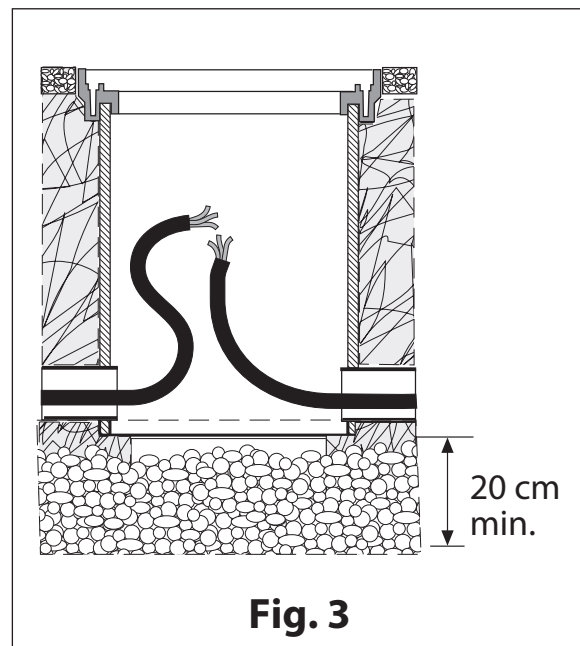
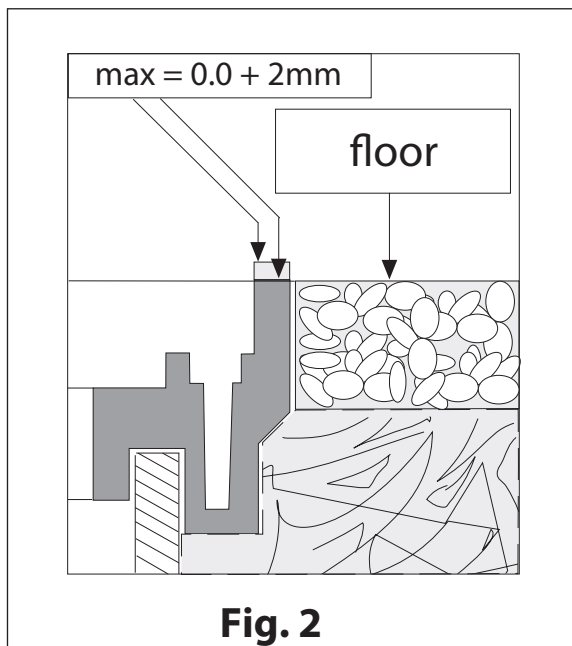
DISASSEMBLING OF THE LIGHT FIXTURE AND INSTALLATION OF THE EXTERNAL HOUSING

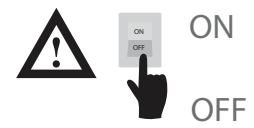
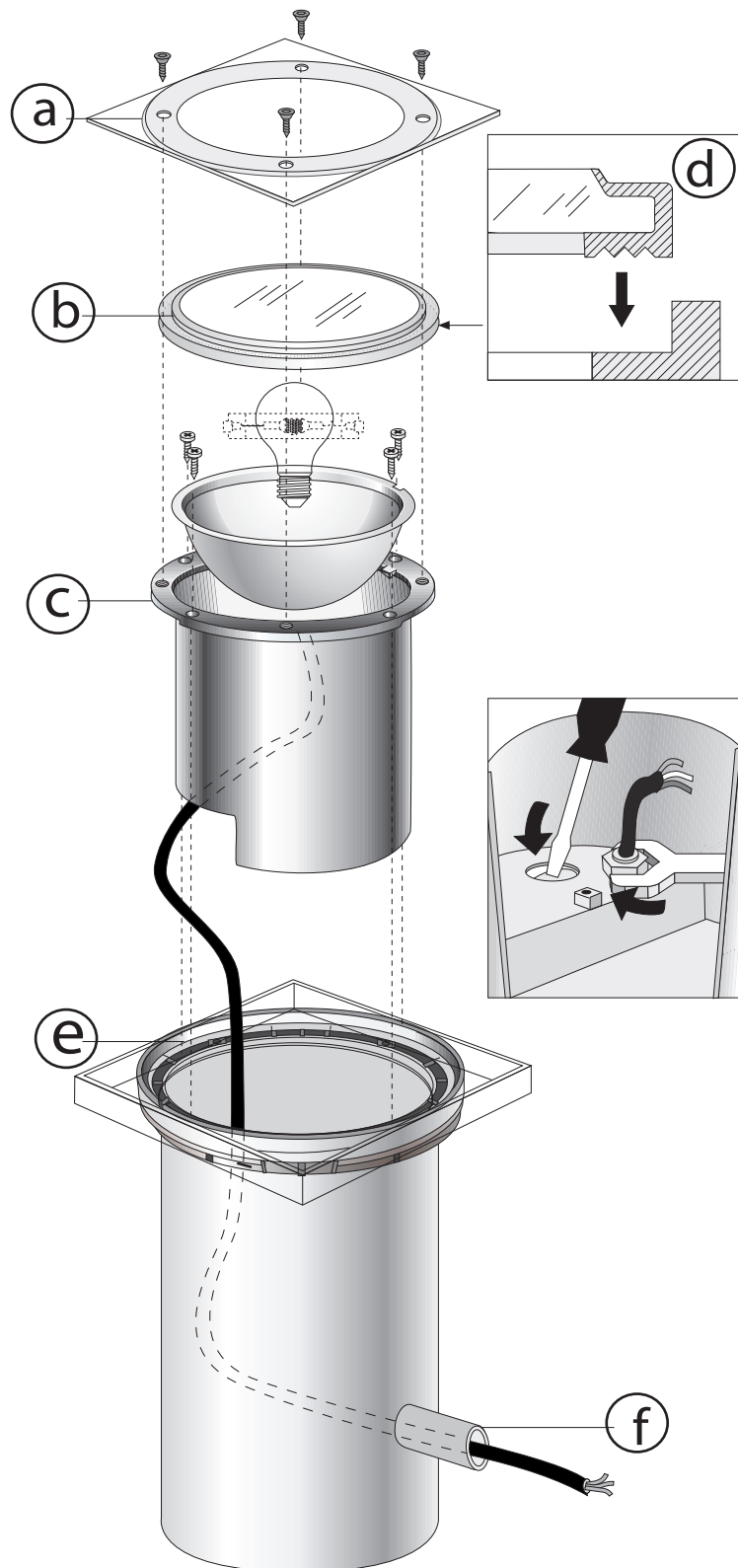
- Loosen the fixing screws of the steel trim and separate the light fixture from the external housing (fig. 1a)
- Remove the glass (fig. 1b)
- Remove the reflector and then the screws which fix the light fixture to the external housing (fig. 1c)
- Before you install the external housing in the ground or concrete it, attention to make underneath a layer of gravel for drainage, sufficient to guarantee the water flow (about 20 cm) (fig. 3)
- Introduce the rigid tube or tubes F (In case of through wiring) for the passage of the cables into the holes in the external housing
- Fix the external housing with care to keep it slightly above floor level (or walking surface), or to keep it at a minimum height of 2 mm (fig. 2)

Note: The light fixture cannot be used immersed in water, because of the bad drainage.

REASSEMBLING OF THE LIGHT FIXTURE

- Install the light fixture complete with lamp in the external housing and fix it with the screws.
- Reposition the glass with the gaskets, with the right side up as indicated on the glass (fig. 1)
- Clean the countertrim, place the stainless steel trim on the housing and fix it, tightening the screws crosswise.





Attention !
Do not plug in or unplug the
connector when power is on!
120V 50/60HZ

Fig. 1

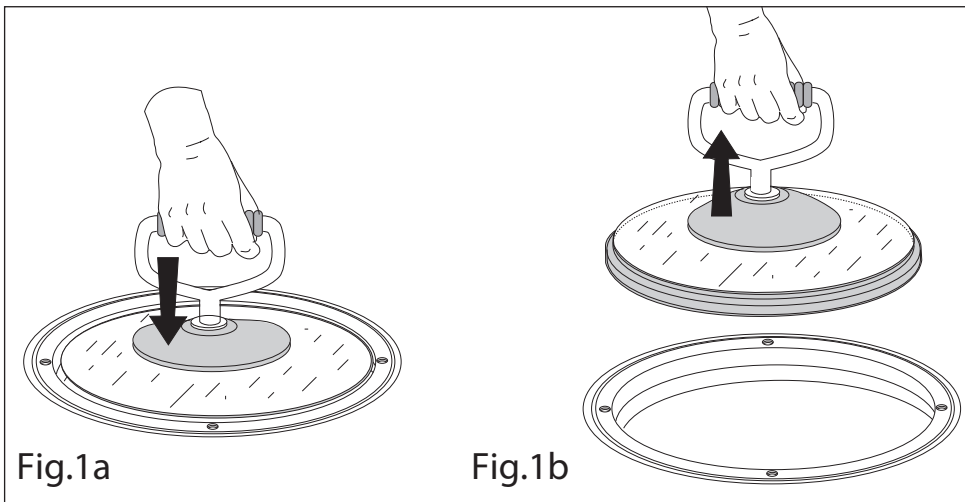


OLODUM COOL GLASS - FULL GLASS

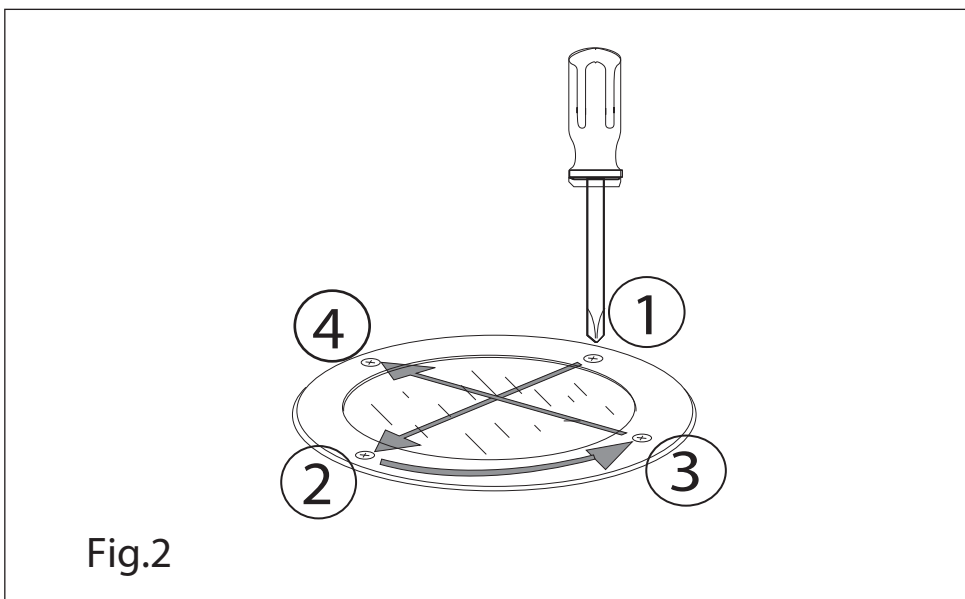
NOTE: To avoid condensate within the glass in very humid environments we suggest, for the first installation, to let the fitting work for 4-5 minutes.

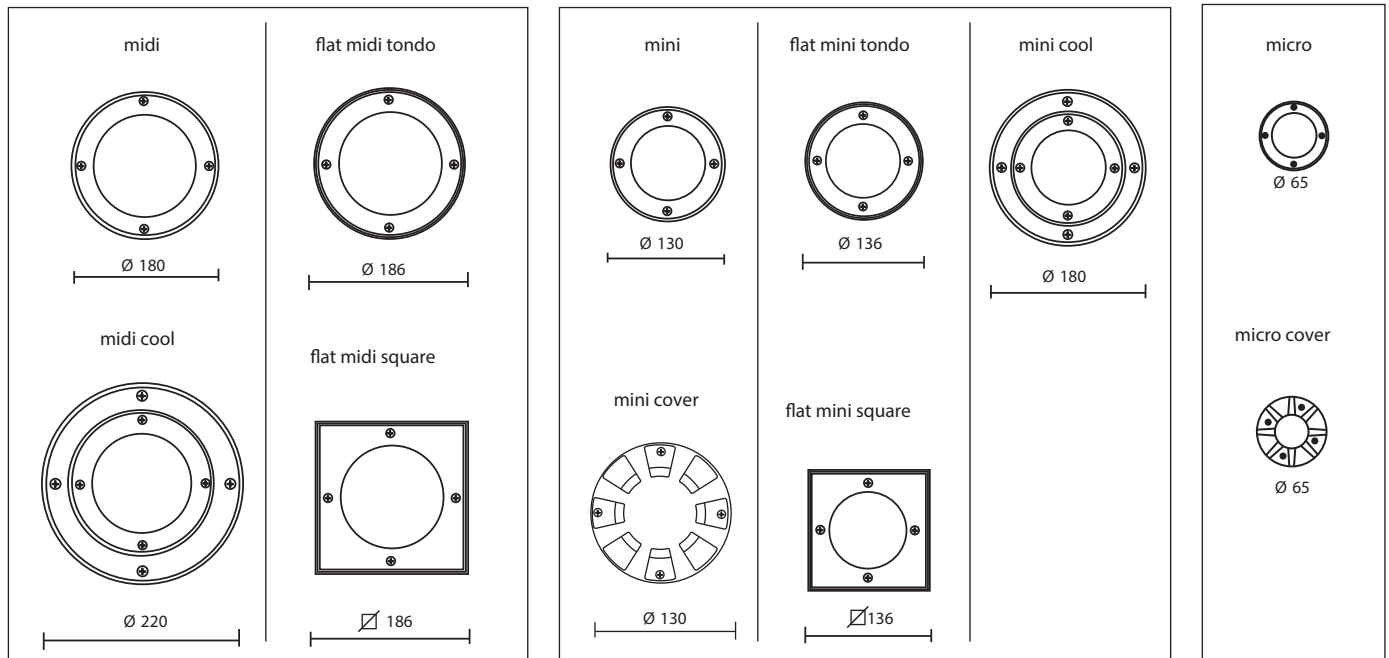
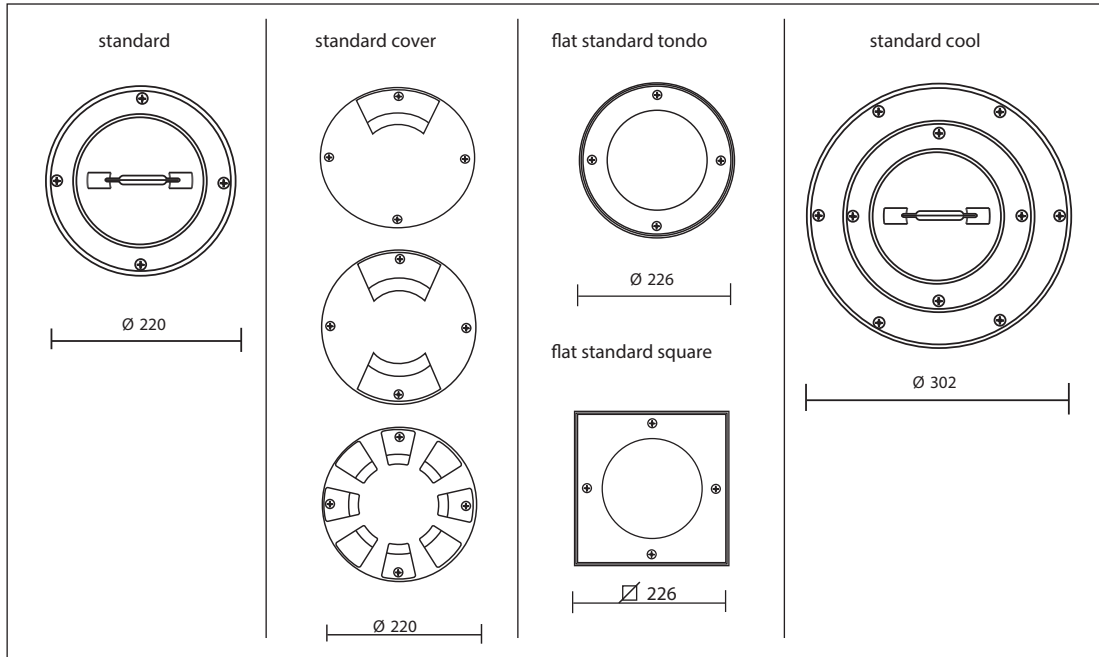
Then remove the glass leaving the lamp on for about 2 minutes. Reassemble the glass and switch the fitting off.

- For the substitution of the lamp in the Cool Glass versions we suggest to remove the glass using a sucker.
- For COOL GLASS version, to re-lamp the fixture please use a suction cup (not included). (Fig. 1a-1b)



- Place the stainless steel trim on the housing and fix it, tightening the screws crosswise. (Fig. 2)







OLODUM MICRO

INSTALLATION IN THE GROUND

*for installation of flat trim version use the cap supplied with the housing art. L10A0007(fig. 6)

1. Prepare the hole for the external housing of the light fixture and plaster it according to the light fixture type (fig. 6).
2. Before installing the external housing in the ground or concrete it, be careful however to make underneath a layer for drainage sufficient to guarantee the water flow (fig. 3a).
3. Introduce the rigid tube or tubes f (in case of through wiring) for the passage of the cables into the holes in the external housing (fig. 4f/5f).
4. Fix the external housing with care to keep it slightly above floor level or walking surface.

VERSION LED

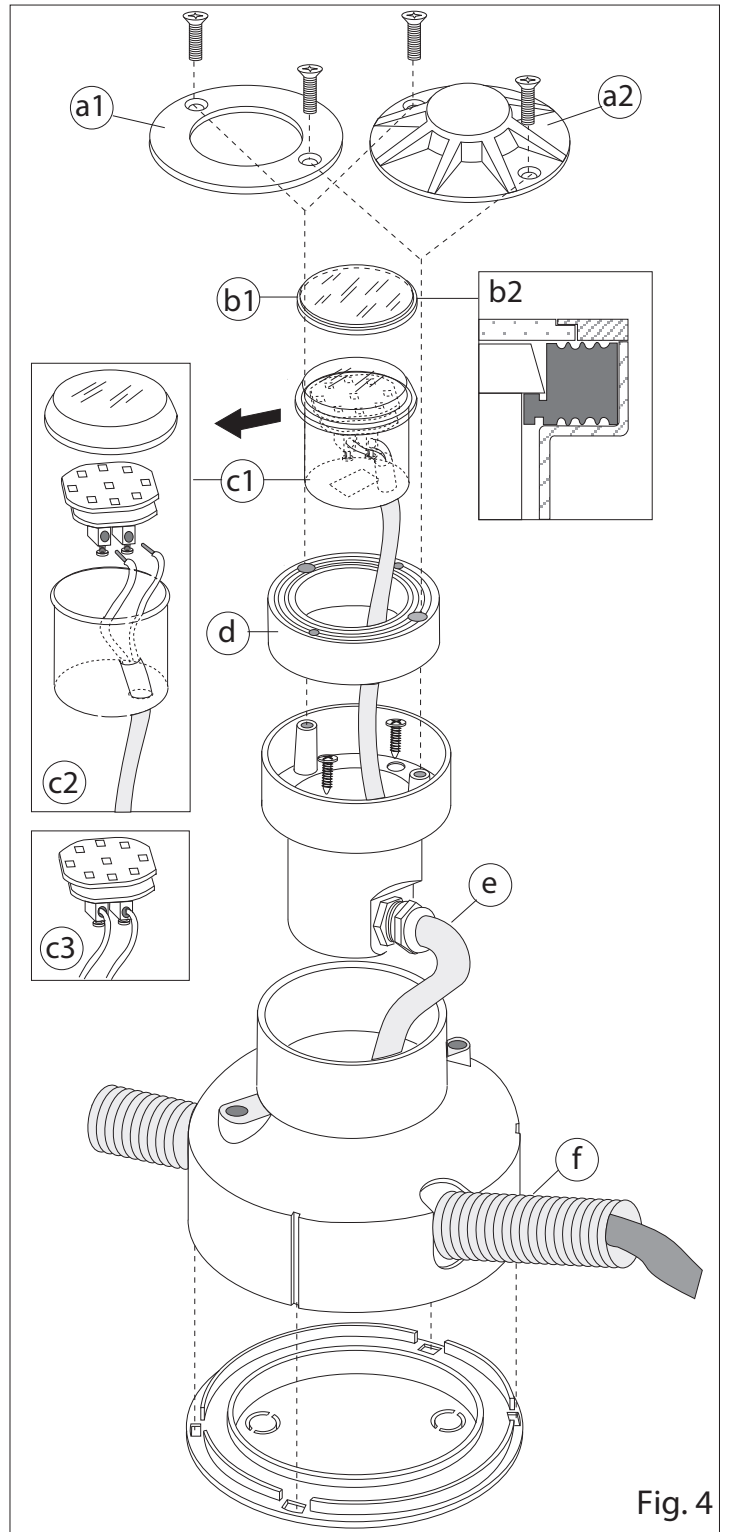
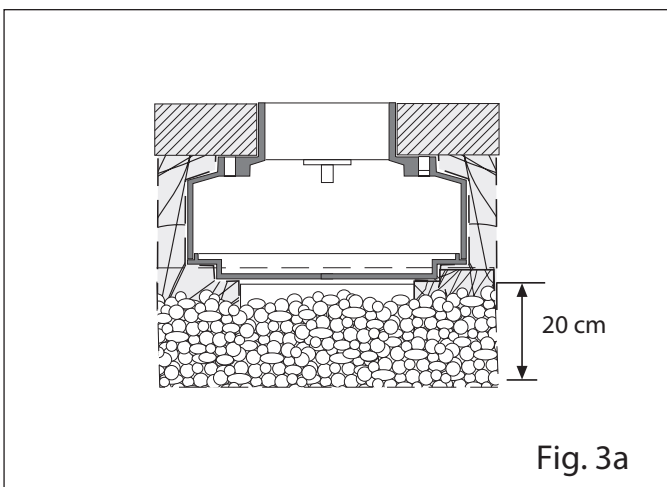
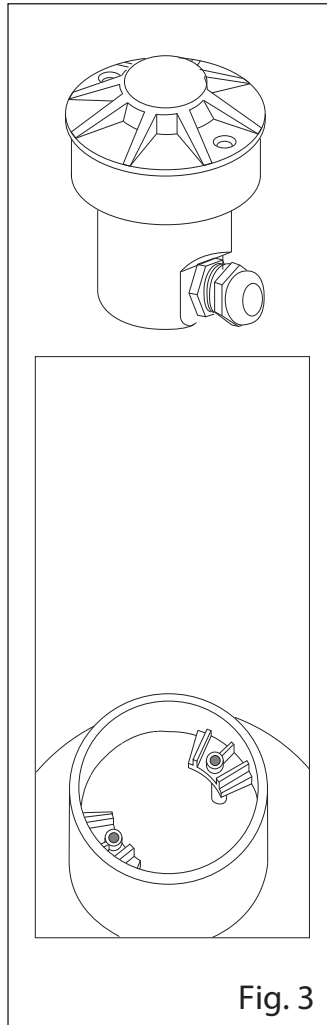
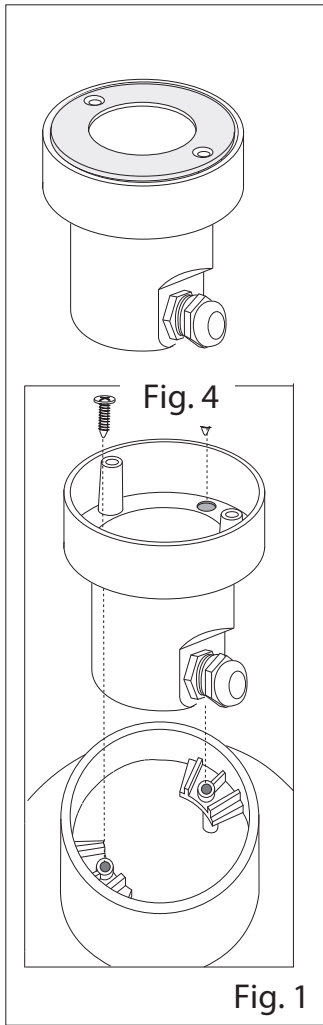
ASSEMBLING AND DISASSEMBLING OF THE LED VERSION

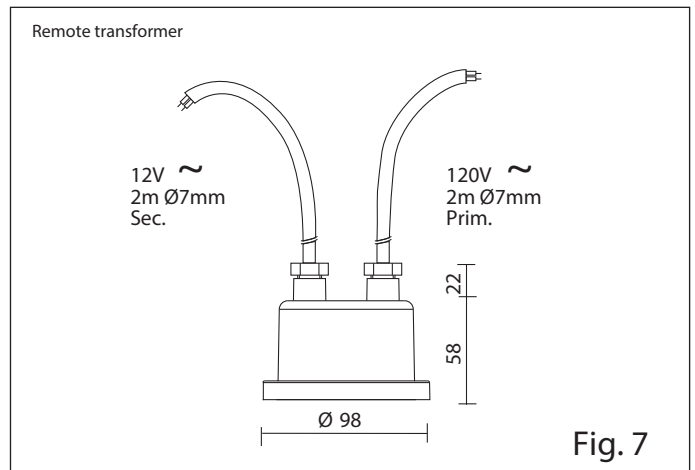
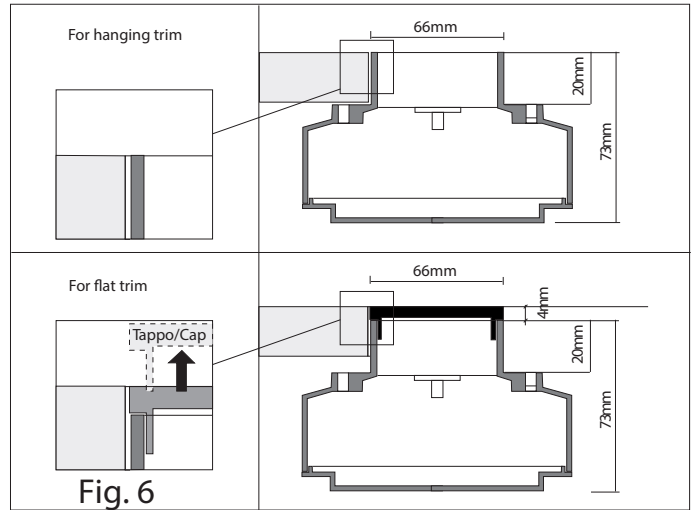
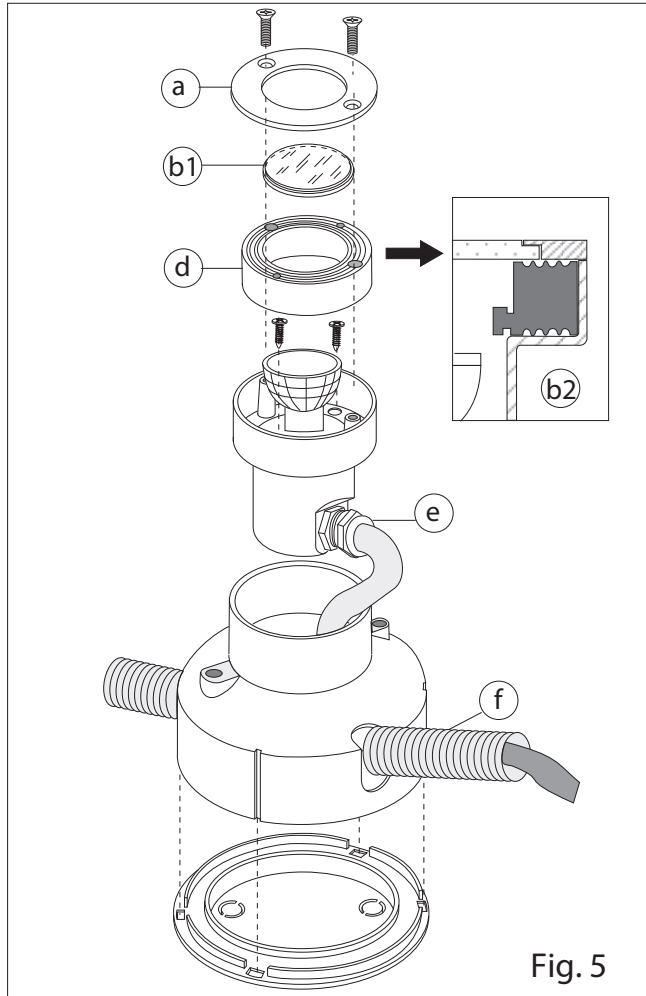
1. Loosen the fixing screws of the closing trim (fig. 4a).
2. Remove the glass (fig. 4b1/b2).
3. Remove the LED card with its cover (fig. 4c1-4c2).
4. Remove the gasket (fig. 4d).
5. Choose the correct cable (supply 230-240V) for the cable gland on the housing as indicated in table 1
6. Make a hole in the external housing and insert the supply cable (fig. 4f).
7. Lead the cable subsequently through the cable gland of the housing which holds the LED card and the gasket.
8. Tighten the cable-gland.
9. (for the version with cover for horizontal emission) insert the glass in the trim and place the trim on the housing, tightening the screws (fig. 4b2).

VERSION HALO - DICHORIC LAMP

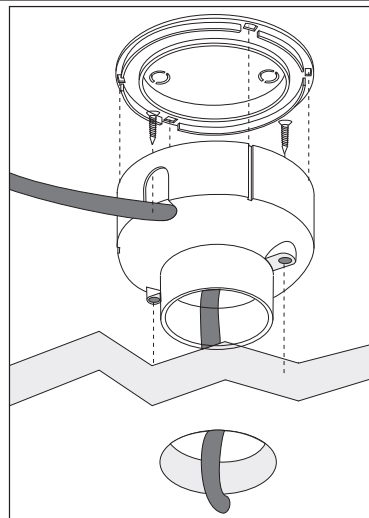
DISASSEMBLING AND ASSEMBLING OF THE LIGHT FIXTURE

1. Loosen the fixing screws of the closing trim (fig. 5a).
2. Remove the frosted glass (fig. 5b1/b2).
3. Remove the gasket with the lamp and the lampholder (fig. 5d).
4. Insert and connect the supply cable with the terminals of the lampholder (fig. 5f).
5. Operate with the cable as indicated on fig. 8b.
6. Insert the glass in the trim and place the trim on the housing, tightening the screws (fig. 4b2).





-Sump fixing on approachable false ceilings



Post Sales Support

HQ 1-800-388-3382 support@zaneen.com



EN

- Installation and electrification must be carried out by a qualified electrician, only.
- Observe all relevant building codes and regulations.
- Prior to installation or repair: disconnect power; it is the installer's responsibility to ensure for all electrical, mechanical and thermal compatibility.
- The LED light source contained in this fixture shall only be replaced by Zaneen, or a person approved by Zaneen.
- Recommendations: Keep the instruction sheet(s) in the event of maintenance and/or disassembly.

Access detailed spec sheets from www.zaneen.com

FR

- L'installation et l'électrification doivent être effectuées uniquement par un électricien qualifié.
- Respectez tous les codes du bâtiment et réglementations en vigueur.
- Avant l'installation ou la réparation: débranchez l'alimentation électrique; Il incombe à l'installateur des'assurer de la compatibilité électrique, mécanique et thermique.
- La source de lumière LED contenue dans ce luminaire ne doit être remplacée que par Zaneen, ou une personne approuvée par Zaneen.
- Recommandations: Conservez la (les) fiche (s) d'instructions en cas de maintenance et / ou de démontage

Accéder aux fiches techniques détaillées sur www.zaneen.com

Zaneen's lighting fixtures, when properly installed on correct line voltage, and under normal conditions of use, are warrantied as follows:

- All products, excluding lamps, are warrantied to be free from defect in materials and workmanship for a period of 12 months (1 year) from the date of invoice.
- Transformers and Ballast Warranty: 3 Years Limited Warranty from the invoice date.
- LED engines and power supplies: 5 Years Limited Warranty from the invoice date.

Warranty claims regarding the product(s) must be:
Submitted in writing within 30 days of discovery of the defect.

Zaneen uses only electrical components, which are produced by responsible manufacturers. Components that may fail in service within the warranty period, under normal use, will be replaced at no charge.

Zaneen will not assume labour or transportation charges in connection with replacement of such parts, nor for removal or re-installation of equipment or parts, nor for consequential damages or losses.

The warranty extended to Zaneen by the manufacturers of the electrical components is passed on to our customers.

At its option, Zaneen will repair or replace, any fixture defective as provided herein if such fixture is returned by the purchaser within the warranty period, provided Zaneen has issued a written "Return Goods Authorization". Such repair or replacement is the exclusive remedy against Zaneen and Zaneen is not responsible for damage of any sort whatsoever, including incidental and consequential damages or losses. This warranty extends only to replacement defective fixtures or components and no allowance will be made for labour or transportation charges in connection with replacement of such parts, nor for removal or re-installation of equipment or parts unless specifically authorized in writing by Zaneen prior to any work being performed.

Due to advances in LED technology and change to luminous flux of LED due to usage, replacement LED have different output properties from the original LED supplied with the product

This warranty only applies when the products are installed in applications in which ambient temperatures are within normal temperatures and are operated within the electrical values shown on the LED driver label.

Zaneen will not be responsible under warranty for any failure of the product that results directly or indirectly from improper installation and/or external causes such as: acts of nature, physical damage, and exposure to adverse or hazardous chemicals or other substances, use of harsh cleaning agent or harsh chemicals.

Warranty for any substantial deterioration in the product finish caused by failure to clean, inspect or maintain the finish of the product. The end user is responsible for the structural integrity of existing foundations, anchorages, or structures and all consequences arising from their use.