

Installation Instructions: Ground Lights (10410/11/12)

Important Information

We recommend that luminaires are installed by a qualified electrician ensuring the installation complies with current IEE wiring regulations BS7671:2018 & local building control.

- BELL will not accept responsibility for any claims arising from a poor installation.

Important User Advice

- Always switch off mains supply before installing.
- Failure to comply with above can damage the product. However, this may give rise to hazards such as short-circuiting, fire, electric shock.
- No part of the product may be modified or rebuilt!
- These safety instructions must be observed at all times!
- This product complies with the applicable National and European requirements.
- Luminaires is not suitable for covering with thermally insulating material

This product may contain substances that can be hazardous to the environment if not disposed of properly. Electrical and electronic equipment should never be disposed of with general household waste but must be separated for its correct treatment and recovery.

Where possible recycle your packaging.



These fittings should not be used in a retaining wall where the ground may become saturated as this may compromise the IP rating.

Read these instructions before installation and retain for future reference 

This equipment should be installed by a competent electrician. The warranty will be void in the event of damage caused by failure to observe these safety instructions! BELL do not accept any liability for any consequential damage!

BELL will not accept liability for damage to property or personal injury caused by incorrect handling or non-compliance with the safety instructions!

Safety Instructions

- The unauthorised conversion and or modification of the product is not allowed for safety and approval reasons (CE).
- The product is designed according to class I protection.
- The sunken ground light may only be operated on the mains voltage
- The sunken ground light is protected according to IP67. If the sunken ground light is installed in outdoor areas, sufficient drainage must be provided.
- The product must not be exposed to extreme temperatures, strong vibrations or heavy mechanical stress. The sunken ground light must not be driven over by vehicles.
- Do not use the sunken ground light in spaces or in adverse ambient conditions, where combustible gases, vapours or dust are or may be present.
- To avoid eye injury, do not look at the light source or point the light at people or animals.
- If you have reason to assume that safe operation is no longer possible, disconnect the device immediately and secure it against inadvertent operation. It can be assumed that safe operation is no longer possible if:
 - The device shows visible signs of damage
 - The device no longer works
 - The device was stored under unfavourable conditions for a long period of time or the device was damaged during transportation.

Model	Rated Voltage (V)	Rated Wattage (W)	Rated Current (A)	IP Rating
LED 3W	AC 100-240, 50/60Hz	3W	90mA	IP67
LED 6W	AC 100-240, 50/60Hz	6W	160mA	IP67
LED 9W	AC 100-240, 50/60Hz	9W	220mA	IP67

Preparation for Installation

This product should only be installed by a qualified electrician ensuring the installation complies with current IEE wiring regulations BS7671:2018 & local building control.

- The sunken ground light can be installed and used in unprotected outdoor areas due to the design and the IP67 protection class.
- The sunken ground light is intended for floor installation, e.g. in courtyards and garden paths. It may also be installed in walls or used in indoor areas.
- If the sunken ground light is installed in outdoor areas, sufficient drainage must be provided. However, do not operate the sunken ground light directly in or under water.
- Never install the sunken ground light in areas where de-icing salt, is used in winter as this may cause corrosion on the housing.
- The sunken ground light must be protected on the distribution board, (provided by the user), by a 10/16A fuse. An earth leakage circuit breaker must be installed before this.
- Check that the mains supply is isolated prior to installation.

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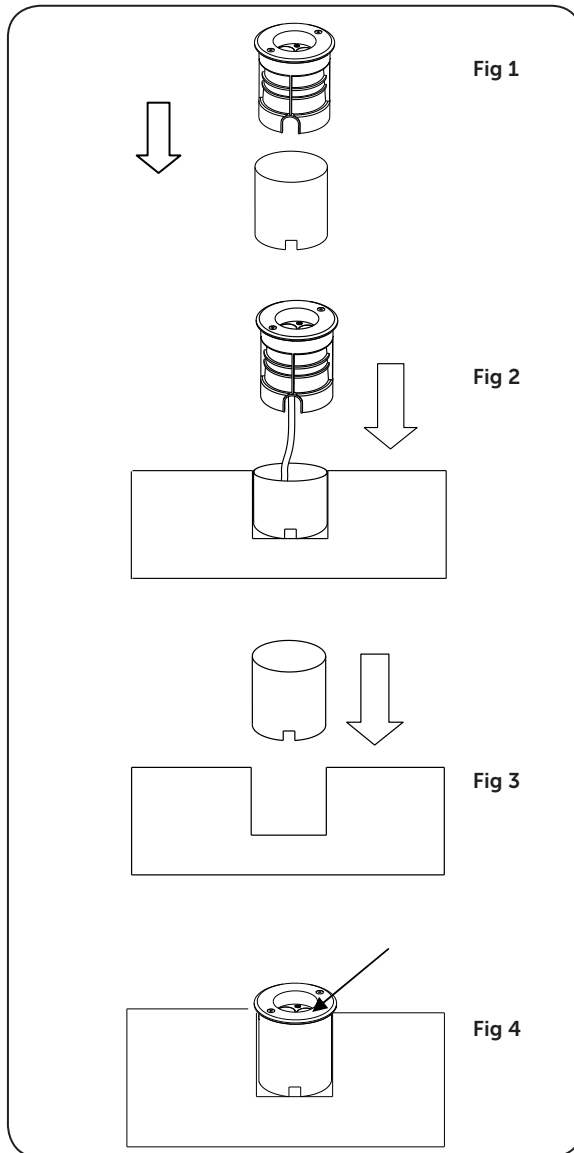


Fig 1

Fig 2

Fig 3

Fig 4

Installation

Choose an appropriate position for installing the mounting sleeve. Check the correct height of the sunken ground light's stainless steel cover before installation and insert the installation sleeve to the correct depth. The end with the two arched notches must point downwards.

Lay the connection cable for the sunken ground light through the installation sleeve.

If the external flexible cable or cord of this luminaire is damaged, the complete luminaire should be replaced

Make sure the connection cable is not damaged by the sharp edges of the installation sleeve. Lay the connection cable at a corresponding depth in the ground. Use an appropriate protective conduit for the cable.

Pass the cable through the notch in the floor installation sleeve. Lay all cables so they cannot be damaged e.g. while gardening (digging a flowerbed). Connect the connection cable of the sunken ground light to the mains voltage (brown cable=L, blue cable=N, green/yellow cable= PE/earth)

Use an appropriate connection box with a terminal block to connect the sunken ground light's power cable to with the mains cable.

The protective earth must be connected to the sunken ground light!

If both of the holding clamps are not yet mounted on to the sunken ground light, screw them in place now. The flat side with the arched openings must point upwards in the direction of the LEDs. After this, the sunken ground light can be inserted into the installation sleeve. If necessary, bend both holding clamps so the sunken ground light can be inserted easily into the installation sleeve.

Due to its weight the sunken ground light does not need any further fastening.— Switch on the mains voltage again, and make sure that the sunken ground light is functioning.

If the LEDs do not light up, immediately switch off the mains power (take out the fuse or switch off at the circuit breaker). Thereafter, check the connection of the sunken ground light.

Maintenance and care

The sunken ground light does not require maintenance. Never disassemble the product.

The LED lights used have a long lifetime; they do not need to be and cannot be exchanged. Only clean the stainless steel cover and the glass panel with a clean, damp soft cloth.

Never use aggressive cleaning agents or chemical solutions as the surface of the housing could be damaged or discoloured.

Do not exert too much pressure on the transparent glass or the housing, as this may cause scratches.

