K-Lite

In-Ground Luminaires - Installation



Important Note

To ensure proper installation, kindly translate / communicate the installation instructions to the local qualified electrician in their respective local language.

🕂 Warning

The safety of this fixture is guaranteed only if you comply with these instructions; Remember to store in a safe place before installation.

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Installation

- Don't install the fixture in soft / loose soil.
- Make a concrete pit to suit the dimension of the plastic housing for buried light with proper water drainage.
- Always prepare 20-30cm of drainage gravel and check that it works. Pour a mug of water and check that it completely disappear within 30min. If it doesn't work refine the drainage system further.
- The luminaire must not permanently get in contact with chemical elements that might corrode the housing of the luminaire
- Dismantle luminaire from the recess plastic housing.
- · Position recess plastic housing into the floor and fix it using suitable fixing material.
- 0.5 m of cable must be left in the installation housing for lifting the luminaire for maintenance and refixing
- For the tightness of the luminaire it is important that the ground surface prepared later is either on the same level or slightly below top edge of the recess housing
- Use appropriate cable with respect to the rating & gland size and fully tightened to avoid ingress of water. The connection provided by the customer must be carried out in the corresponding protection class of the luminaire.
- Never cover visible parts of the luminaires. Any part not protected by the recessing box, must not be in direct contact with the ground or in contact with chemical elements
- Please ensure that the wires are connected to the right polarity [Phase, Neutral & Earth] and the luminaire must be earthed (Class 1).
- Insert the luminaire housing into the recess plastic housing, align it and tighten screws firmly.
- · Lock and unlock the screws following an alternative sequence, tightening all screws evenly.

Safety

The safety and the proper functioning of the fitting is guaranteed only respecting the electrical standards and this mounting instructions. Installation should be carried out by a qualified person.

- · For Safety, always ensure power supply is disconnected before regular maintenance, lamp replacement and accessory fitting.
- Installation and operation of this luminaire are subject to national safety regulations. The manufacturer is discharged from liability when damage is caused by improper use or installation.
- · Any modification to this fixture without authorizaton will void all warranty.
- Do not subject the product for voltage or current which is not rated for. Observe precautions for handling LED module.
- Luminaire is not suitable for installation near sea water or in the environment which is high in salt or acid content.

Important Note :

- LEDs are highly sensitive electronic components. Please avoid touching the light source directly, during installation.
- If fixture is supplied with integrated LED module, <u>**Do Not Open**</u> the front plate of luminaire during installation. Warranty void if the LED compartment is opened.

Maintenance Recommendations

- After installation, the luminaire should first be cleaned. We recommend cleaning the luminaires regularly.
- Building dust, residues from pressure-sensitive adhesives, paint splatter and rust film must be completely removed. Never use cleaning implements made of normal steel, steel brushes or steel wool because they cause extraneous rust to form.
- · Cleaning agents containing hydrochloric acid and chlorides should never be used. Do not use high pressure cleaners
- Periodically clean the luminaires in order to remove possible soil heap on cages or screw heads.
- · Never re-fill the area in such way that the fixture is partly covered with soil / water for a long time.

Storage

If site is not ready for installation, store the material in proper warehouse facilities. K-Lite is not responsible for the damages caused due to the mishandling of material at site.

Customer Service

If Klite agrees to receive back some fixtures for Lab Testing and further analysis please ensure that the fixtures shipped should NOT BE DISASSEMBLED. Disconnect the power line and ship the product as is unless otherwise specified. Please contact customercare@klite.in for more information.