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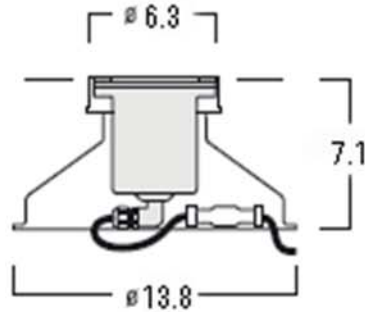
**WE-EF LIGHTING USA LLC**

Installation and Maintenance  
Instructions for Factory Sealed Inground Uplights  
**ETC320-FS LED**



## Installation and Maintenance Instructions for Inground Uplights series:

### ETC320-FS



#### Light source:

6 LED - 12W

This product should be installed in accordance with the applicable installation code by a person familiar with the construction and operation of the product and the hazards involved. Be sure the electrical supply is off prior to installation. Ensure the luminaire and lens are clear of dirt and debris.

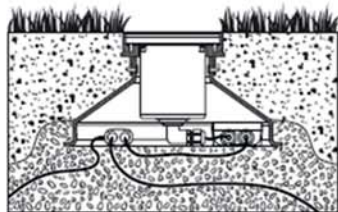


Fig. I

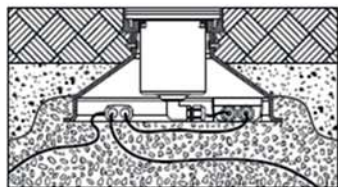


Fig. II

### Installation Methods

**Important:** The luminaire is factory-sealed and does not need to be opened during installation.

Ensure that proper drainage is provided for the shown installation methods. For proper installation use the supplied installation blockout.

Please not the following installation possibilities:

- 1.) In landscape areas, sand with gravel base (Fig. I).
- 2.) In paved areas, concrete with gravel base (Fig. II).

### Phase One

#### Blockout Installation Procedure (during earth or masonry work)

- 1) A suitable recess to be provided to accommodate installation blockout/mounting ring assembly B/M.
- 2) Set installation blockout/mounting ring assembly B/M in position and ensure that:
  - a) Arrow R on mounting ring M is pointed towards the object to be illuminated (wall, tree, column).
  - b) Mounting ring M is flush with surface. If the floor will be tiled or paved afterwards leave an appropriate gap.
  - c) Mains supply cable(s) O is of sufficient length to connect the sealable junction box J with the cable E from luminaire.
- 3) During ongoing earth and/or masonry works, do not remove the two stickers on fixing thread holes D. Ensure that installation blockout/mounting ring assembly B/M is not damaged and has maintained its original shape. If necessary use a cover plate.

### Phase Two

#### Luminaire Installation and Electrical Connection

- 4) Switch off mains electrical supply.
- 5) Check that rating shown on luminaire label conforms with mains electrical supply.
- 6) Terminate cable E from luminaire housing A and mains supply cable O (for individual wiring) or branch cable (for through wiring) (J box or suitable underground connection by others).
- 7) Set cables and sealable junction box J inside the installation blockout/mounting ring assembly B/M.
- 8) Peel-off the two stickers on fixing thread holes D. Loosen the two countersunk screws C (do not twist out). Insert mounting lever L between head of countersunk screws C and cover lens. Lift luminaire housing A into installation blockout/mounting ring assembly B/M (Fig. III) while aligning holes D on mounting ring M.

**Warning:** When the luminaire is placed inside the installation blockout B, make sure that there is no stress on the sealable junction box J or electric cables (Fig. IV).

- 9) Tighten both countersunk screws C 'hand tight'.

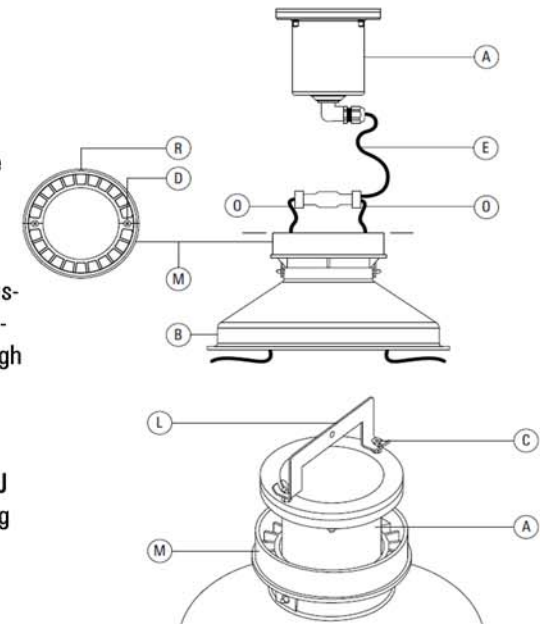


Fig. III

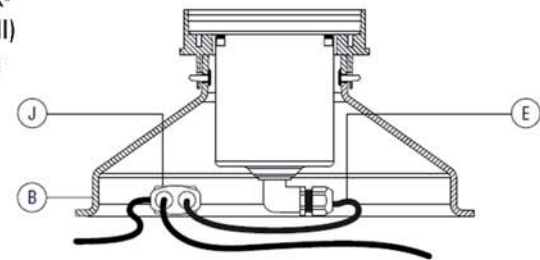


Fig. IV

#### Maintenance:

Apart from cleaning the outside of the luminaire, no special maintenance is necessary.