

Safety Notice

The manufacturer is discharged from liability when damage is caused by improper use or installation.

If any luminaire and/or accessory is subsequently modified, the persons responsible for the modification shall be considered as manufacturer.

we-ef

WE-EF LIGHTING

Installation and
Maintenance Instructions for
Inground Uplight
ETC300 LED Series



we-ef

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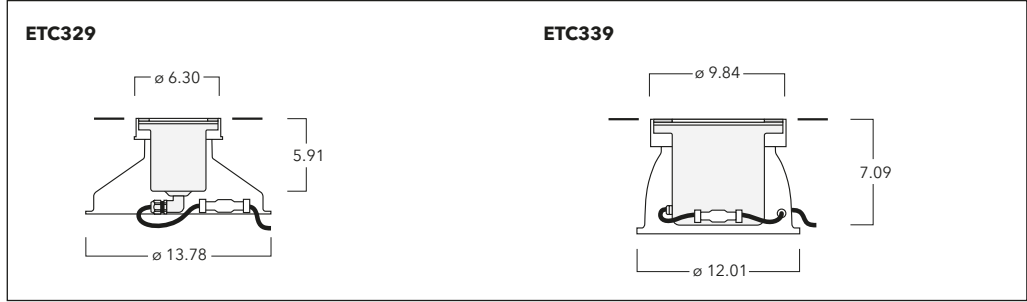
ETC300 LED_060521 / 006-1227

Technical specifications are subject to change.

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Inground Uplights with Installation Blockout

IP67, IK10



Light source
 ETC300 LED 6,5W / 13W* Class I, ta = 25 °C

* Nominal power, for latest data refer to www.we-ef.com

Tools required
 - 4 mm Allen key

Installation Accessories

Installation Blockout

		ø D1	ø D2	H	lb
185-9546	BET32-II	6.57	13.78	7.09	3.3
185-0924	BET13-II	10.83	12.01	9.06	3.3

Installation

The product must be installed and maintained by a suitably qualified professional in compliance with latest building/construction and/or electrical regulations and relevant legislation.

⚡ Attention: Switch off mains electrical supply prior to installing and connecting the luminaire. Do not open luminaire while mains supply is switched on.

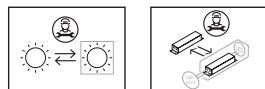
Notice: If the luminaire is modified by anybody other than the original manufacturer, then the warranty will no longer be valid and shall become the full responsibility of the modifying person/organisation. Claims based on defects attributable to improper installation and/or application, and the consequences thereof, are excluded.

In case of component failure, LED replacement due to abnormal circumstances or at end of life, replacement must be carried out by a suitably qualified and trained professional.

In case of questions please contact our technical hotline: +1 724 742 0030 (from Monday - Friday from 08.00 until 16.00 hours).

Maintenance

Apart from cleaning the product's exterior surfaces, no special maintenance work is required. Do not use high-pressure cleaners.



Installation Methods

Ensure that proper drainage is provided for the shown installation methods. For proper installation WE-EF recommend the supplied installation blackout.

Please note the following installation possibilities:

- In paved areas, concrete with gravel base (**fig. 1**)
- In landscape areas, soil with gravel base (**fig. 2**)

fig. 1

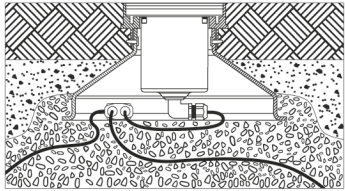
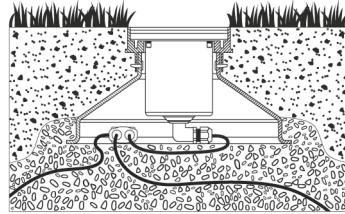


fig. 2



Phase One

Blockout Installation Procedure

(during earth or masonry work)

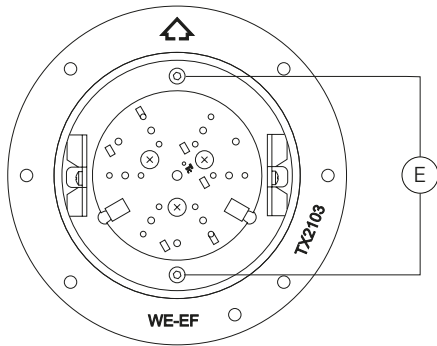
- 1) A suitable recess to be provided to accommodate installation blackout/mounting ring assembly **L/H**.
- 2) Set installation blackout/mounting ring assembly **L/H** in position and ensure that:
 - a) Arrow **R** on mounting ring **H** is pointed towards the object to be illuminated (wall, tree, column, **fig. 5**).
 - b) Mounting ring **H** is flush with surface **F**. 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 **N** from luminaire.
- 3) During ongoing earth and/or masonry works, do not remove two screws **M** from mounting ring **H**. Ensure that installation blackout/mounting ring assembly **L/H** is not damaged and has maintained its original shape. If necessary use a cover plate.

Phase Two

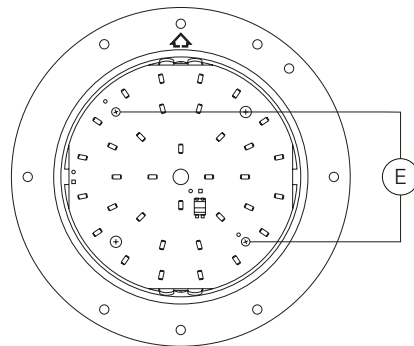
Luminaire Installation, Electrical Connection, and Aiming Procedure

- 4) Switch off the mains electrical supply. ⚡
- 5) Check that rating shown on luminaire label conforms with mains electrical supply.
- 6) Remove the two screws **M** from mounting ring **H**.
- 7) Terminate cable **N** from luminaire and mains supply cable **O** (for individual wiring) or branch cable (for through wiring) in sealable junction box **J** (to connect cable(s) and/or provided UL410-D wire nuts. Follow the sealable junction box termination instruction included in the packaging).
- 8) Set cables and sealable junction box **J** inside the installation blackout **L**.
- 9) Open luminaire by releasing screws **D** and take off transportation safety device. Now pull the chassy out of the luminaire by use of the auxiliary screws **E**. Then remove silica gel bag from aluminium envelope. Place bag inside the bottom of the luminaire. Replace the chassy (**for ETC329**: turn in auxiliary screws **E** until these are countersunk).

Auxiliary screws ETC329



Auxiliary screws ETC339



- 10) Set luminaire housing **C** into installation blackout/mounting ring assembly **L/H**. Fix luminaire with mounting ring **H** by tightening the two screws **M** properly.

Attention: When the luminaire is placed inside the installation blackout **L**, make sure that there is no stress on the sealable junction box **J** or electric cables (**fig. 3**).

- 11) Switch on luminaire, let it operate for 30 minutes to avoid water condensation and carefully close the luminaire after the time has elapsed.
- 12) Close Luminaire and tighten screws **D** crosswise in steps with a tightening torque of 3 Nm (26.6 in-lb) (ETC329) or 6 Nm (53.1 in-lb) (ETC339). Setting procedure requires 3-5 turns of the screws with the same tightening torque until no further screw movement.

fig. 3

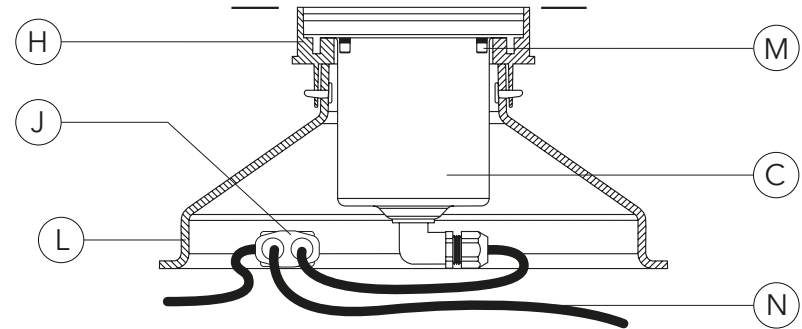


fig. 4

