

WARNING: DO NOT USE NORMAL LOW VOLTAGE TRANSFORMERS WITH LEDs.

All LED fittings are tested before dispatch. It is not necessary to check them on site. Do not power up until fittings are wired correctly.

INSTRUCTION LEAFLET





LD151T-E2 / 484N or 484N-2 / ID

In-Ground LED Uplighter with Concrete Can

This product should be installed by a qualified electrician in accordance with all current, local legislation. For the UK, the current edition of the IEE Wiring Regulations and European Standard IEC 60364.

SPECIFICATION

LED recessed luminaires are class III  for Safety Extra Low Voltage supply  **350mA** or **500mA** constant current supply.

Suitable for mounting on normally flammable surfaces. 

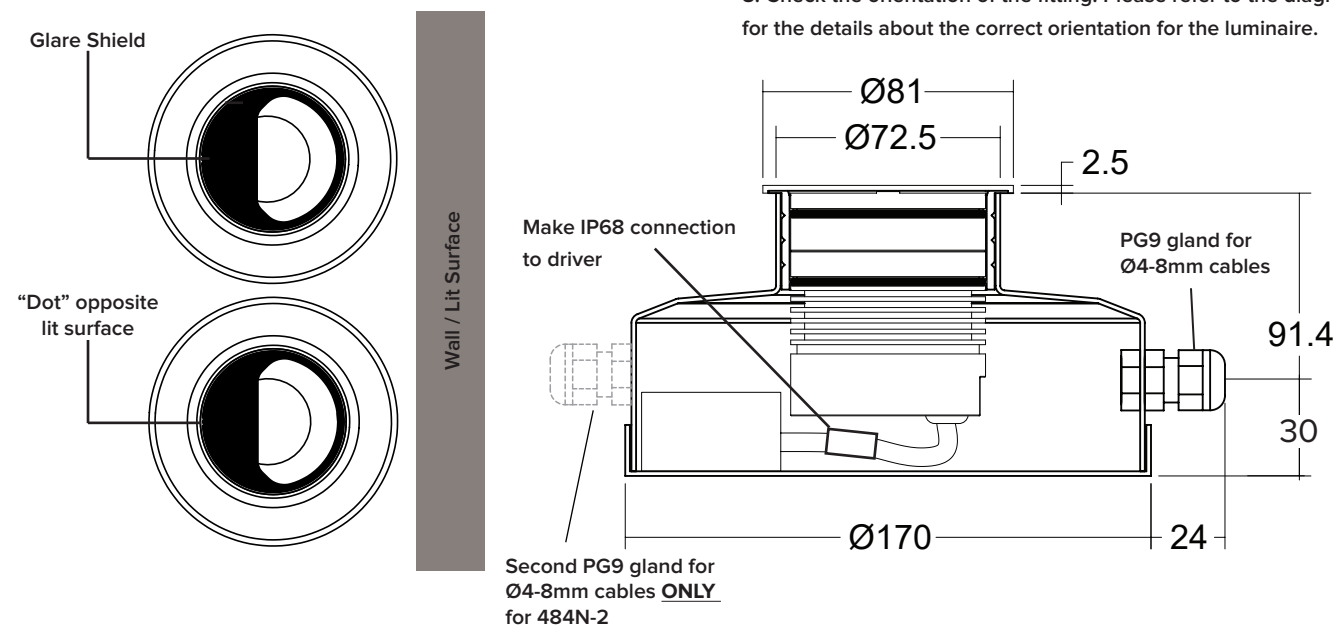
Lamp: **E2 Light Engine.**

This fitting is **IP67** rated.

Lumen Maintenance: 50,000 hours L70 at Max Ambient of 35°C.

LD151T-E2 is available in various power output options	
Product & LED output code	Power Output
LD151T-E2 - 350	350mA 5W
LD151T-E2 - 500	500mA 7W

DIMENSIONS



INSTALLATION

1. Remove luminaire from concrete housing.
2. Place housing in desired location and feed power cable through the gland and tighten. Allow enough excess cable for the connection required to the fitting, and to allow for the fitting to be removed from its housing.
3. These cans are designed to be used primarily within concrete. They can be used in areas with loose / soft substrate but they must only be used within concrete for load bearing applications. Failure to do so, will cause structural and IP failure.
4. Connect luminaire to the specified driver. If locating IP rated driver in can, connections must be IP68. See driver sheet for connection details.
NOTE: Connections in wet environments. Make IP68 connection to stop water travelling up the cables into the fittings! Refer to IP connection sheet for further details.
5. Make sure the inside of the fixing sleeve and the outside of the luminaire is free from grit and dirt.
6. To aid with future maintenance, O-rings must be coated lightly with silicone free grease. Failure to do so could hamper removal and cause damage to concrete can.
7. Install fitting by pushing it into the sleeve.
8. Check the orientation of the fitting. Please refer to the diagram below for the details about the correct orientation for the luminaire.

WIRING

Do not power up until fitting is wired correctly! Constant current LEDs must be wired in series, polarity is critical! Please refer to specified driver sheet for details on the minimum and maximum number of LEDs per circuit.

SEE CONSTANT CURRENT WIRING SHEET FOR IN SERIES WIRING DIAGRAM

Single Colour LED

Colour of Cable	Red	Black
Polarity	+	-

IMPORTANT

Make sure that all cables and connections are securely connected before switching on the power. Do not switch on the power source prior to making these connections as this will result in the LEDs being overvolted, which can lead to failure of the LEDs and/or the driver. If the LEDs do not work upon power up, turn off the power source immediately and check the polarity of the wiring.

MAINTENANCE

CABLE: The external flexible cable shall only be replaced by the manufacturer if the cable is damaged.
LAMPS: The light source contained in this luminaire shall only be replaced by the manufacturer.
Please clean with soft damp cloth and avoid harsh cleaning chemicals.
O-ring replacement part numbers: Outer O-ring 17.0062
Inner O-ring 17.0061

This leaflet should be issued and retained by the end user.