

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-F1

In-Ground LED Uplighter

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, 500mA or 700mA constant current supply.

Suitable for mounting on normally flammable surfaces. 

Lamp: **F1 Light Engine.**

This fitting is **IP67** rated.

Lumen Maintenance: L90B5 at 90,000hrs at Max Ambient of 35°C.

LD151-F1 is available in various power output options	
Product & LED output code	Power Output
LD151-F1 - 350	350mA 3.5W
LD151-F1 - 500	500mA 5W
LD151-F1 - 700	700mA 7W

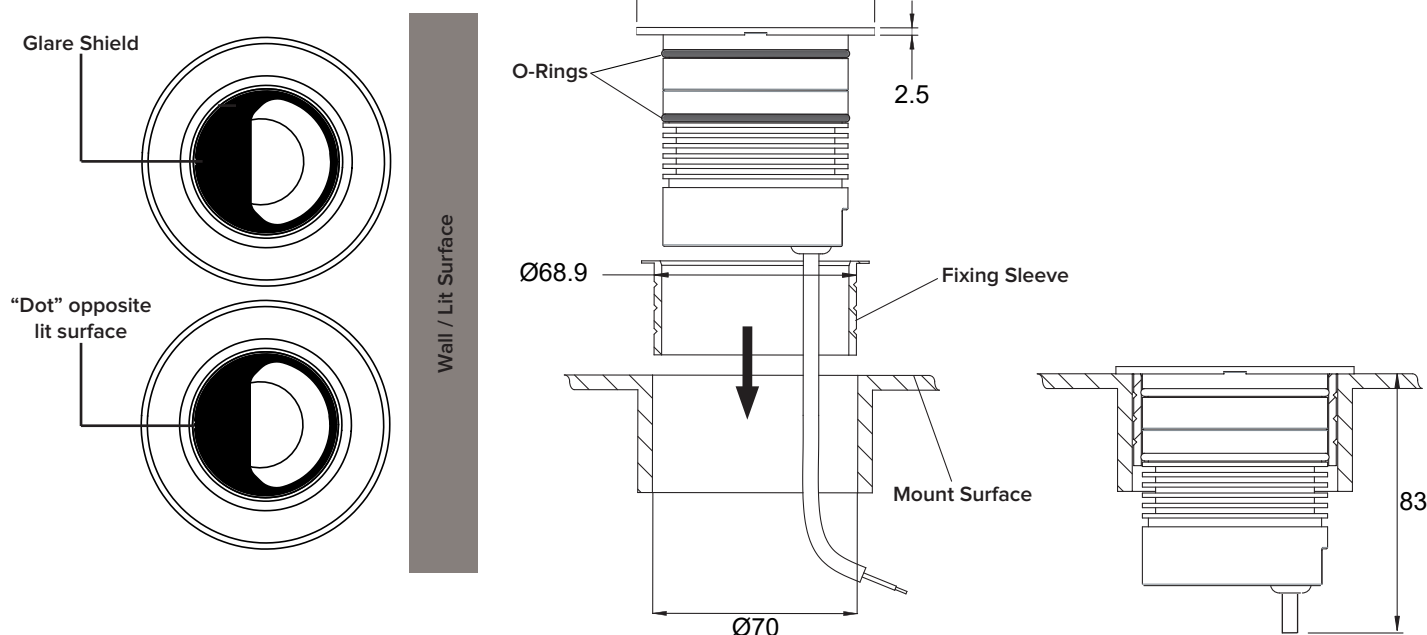
INSTALLATION

1. Bore clearance holes accurately to suit dimensions below.
2. Bond in first fix sleeve into cut out with one of the recommended adhesives; Rotabond 2000, 3M 4200 Marine Adhesive or Simson MSR Construction Adhesive.
3. Wire the luminaire to a specified driver.

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.

4. Make sure the inside of the fixing sleeve and the outside of the luminaire is free from grit and dirt.
5. 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.
6. Install fitting by pushing it into the sleeve.
7. Check the orientation of the fitting. Please refer to the diagram below for the details about the correct orientation for the luminaire.

DIMENSIONS



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.