

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





LD170-E1

Bulkwalk Mounted Decklight

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. 

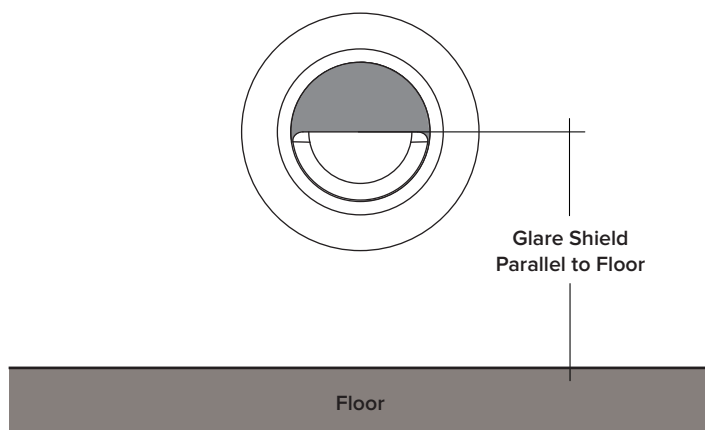
Lamp: **E1 Light Engine**.

This fitting is **IP67** rated.

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

LD170-E1 is available in various power output options	
Product & LED output code	Power Output
LD170-E1 - 350	350mA 5W
LD170-E1 - 500	500mA 7W

DIMENSIONS



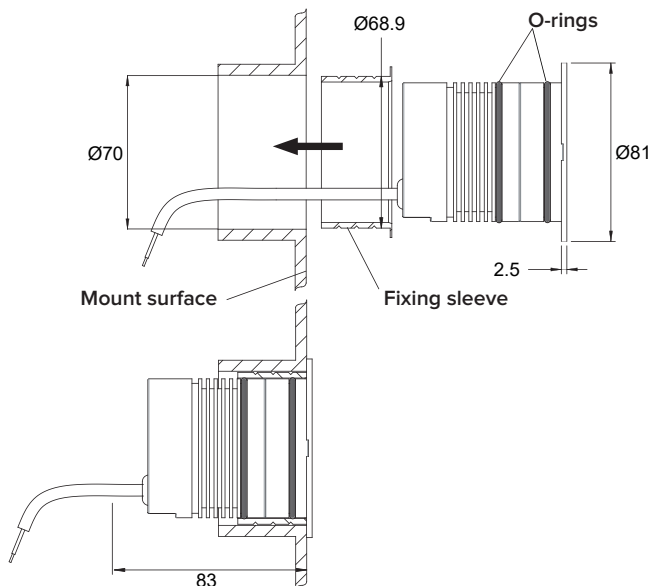
INSTALLATION

1. Bore specified clearance hole in to mounting surface.
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. Pull through cables and wire luminaire to 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.

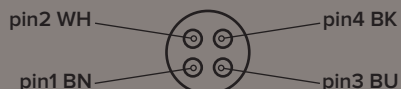
4. Make sure the inside of the fixing sleeve and the outside of the luminaire is free from grit, dirt.
5. To aid future maintenance the exterior O-rings should be lightly greased with silicone free grease.
6. Install fitting by pushing it into the sleeve.
7. Check the orientation of the fitting, the glare shield should be parallel to the walkway, please see diagram.



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.

4-pin CONNECTOR NO. ASSIGNMENT



SEE CONSTANT CURRENT WIRING SHEET FOR IN SERIES WIRING DIAGRAM

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

CORDS: The external flexible cable or cord of this luminaire cannot be replaced; if the cord is damaged, the luminaire shall be destroyed.

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

LAMPS: The light source of this luminaire is non-replaceable, when the light source reaches its end of life the whole luminaire shall be replaced. Clean with soft damp cloth.

O-ring Replacement Part N°s:

Outer O-ring 17.0062

Inner O-ring 17.0061

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