

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-E1-2CH

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. 

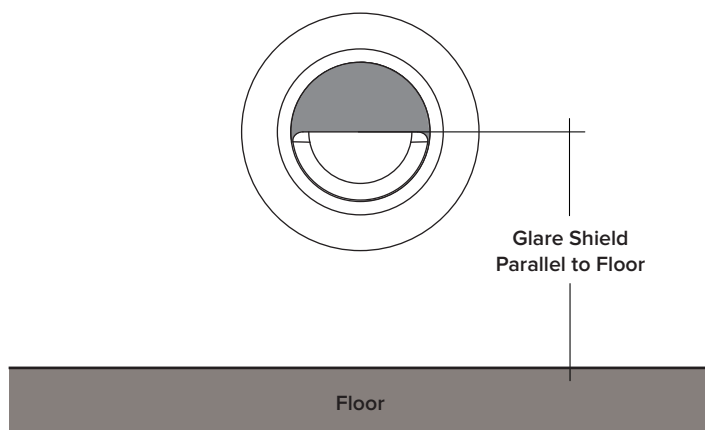
Lamp: **E1-2CH Light Engine.**

This fitting is **IP67** rated.

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

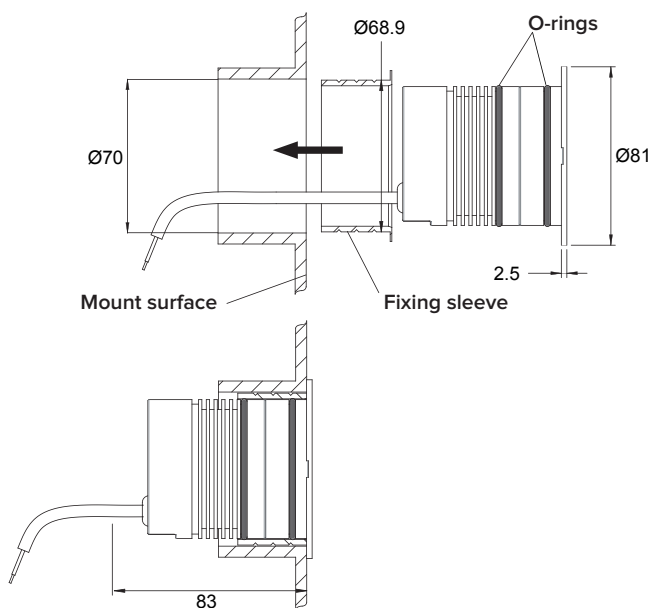
LD170-E1-2CH is available in various power output options	
Product & LED output code	Power Output
LD170-E1-2CH - 350	CH1 = 350mA 5W LEDs CH2 = 350mA 2 x 1.2W LEDs
LD170-E1-2CH - 500	CH1 = 500mA 7W LEDs CH2 = 500mA 2 x 1.7W LEDs

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.

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.

Single Colour LED		
Colour of Cable	Red	Black
Polarity	+	-

2nd Channel LED		
Colour of Cable	Green	Yellow
Polarity	+	-

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.