

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



LD242A

LED Recessed Pool Light

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 to 700mA** constant current supply.

Suitable for mounting on normally flammable surfaces. 

This fitting is **IP68** rated (up to a depth of 2 metres).

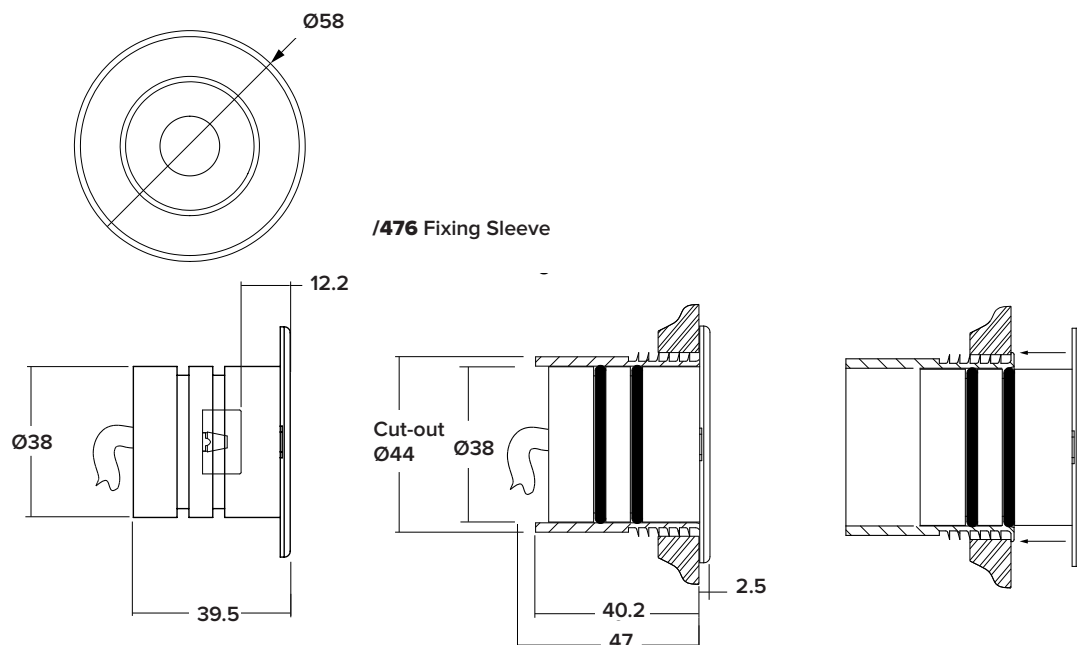
Lumen Maintenance: 50,000 hours L70 at Max Ambient of 35°C.

Product & LED output code	Power Output
LD242A - 350	350mA 1.2W
LD242A - 500	500mA 1.7W
LD242A - 700	700mA 2.4W

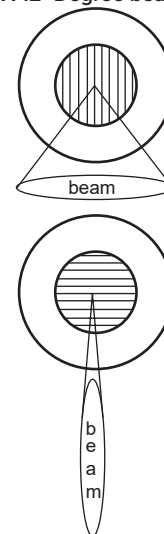
INSTALLATION

1. Bore clearance hole to suit dimensions below.
2. The /476 sleeve is designed to be a push in fit, but can be also glued in place. Install this first.
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 'O' rings are free from dirt and grit. A grease lubricant (such as vaseline) can be used to aid the installation of the /476 sleeve to the fitting.
5. Offer luminaire up to the sleeve and push in firmly until the bezel is flush with the mounting surface.
6. When installing LD242A, rotate the fitting using a grippy pair of gloves to orientate it.

DIMENSIONS



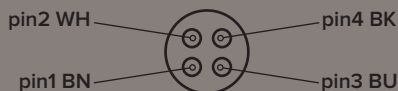
Note
LEDs with OB lens
(36° X 12° Degree beam)



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

LAMPS: Non Replaceable.
O-Ring replacement part N°: 17.0049
Clean with soft damp cloth.

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