

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



LD42 / LD42A / LD42W

LED Recessed Wall 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 500mA** constant current supply.

Suitable for mounting on normally flammable surfaces. 

This fitting is **IP68** rated - **Not** for permanent submersion.

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

LD42 / LD42A / LD42W are available in various power outputs options

Product & LED output code	Power Output
LD42 - 350 / LD42A - 350 / LD42W - 350	350mA 1.2W
LD42 - 500 / LD42A - 500 / LD42W - 500	500mA 1.7W

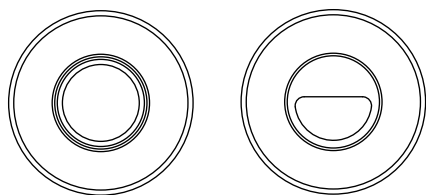
INSTALLATION

1. Bore clearance holes to suit dimensions below.
2. Wire the luminaire to a specified driver.

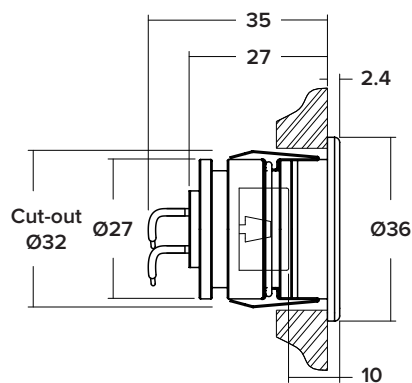
NOTE: Connections in wet environments. Make IP68 connection to stop water travelling up the cables into the fittings! Refer to IP connection sheet for further details.

3. When using **/480 Fixing Sleeve**, bond in sleeve into cut-out with one of the recommended adhesives; Rotabond 2000, 3M 4200 Marine Adhesive or Simson MSR Construction Adhesive. The same process can be applied to the luminaire itself.
4. When using **/SC Spring Clips**, squeeze mounting springs into body with finger and thumb.
5. Push the luminaire into the cut-out hole until flush with surface.
6. When installing LD42A and LD42W, rotate the fitting using a grippy pair of gloves to orientate it within the hole.

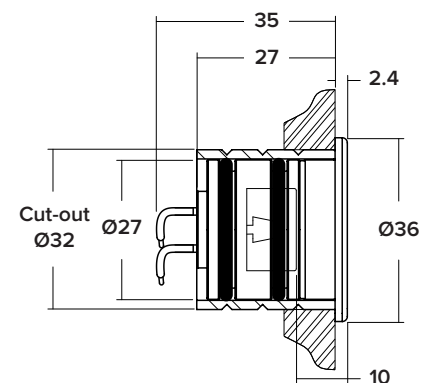
DIMENSIONS



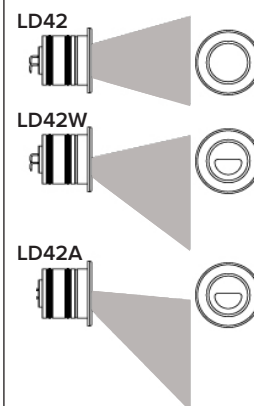
/SC Spring Clips



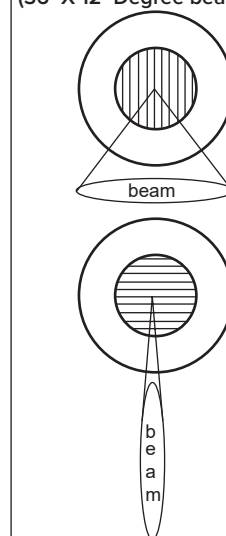
/480 Fixing Sleeve



Note
Output Diagram



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.

Single Colour LEDs		
Colour of Cable	Red	Black
Polarity	+	-

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 overvoltage, 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.
Clean with soft damp cloth.
O-ring Replacement Part N°: 17.0010

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