

LD59-C1

Square Recessed Low Glare Wall Light



Install sheet - Page 1

SPECIFICATION

LED recessed luminaires are class III for Safety Extra Low Voltage **DC** supply. The product should only be used with a supplied or LightGraphix approved **350mA, 500mA** or **700mA** constant current driver.

Suitable for mounting on normally flammable surfaces.

Lamp: **C1 LED Engine.**

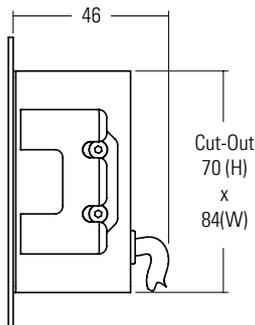
This fitting is **IP67** rated.

Lumen Maintenance: L90B5 at 90,000hrs.

LD59-C1	
Product & LED Output Code	Power Output
LD59-C1 - 350	350mA 1.2W
LD59-C1 - 500	500mA 1.7W
LD59-C1 - 700	700mA 2.4W

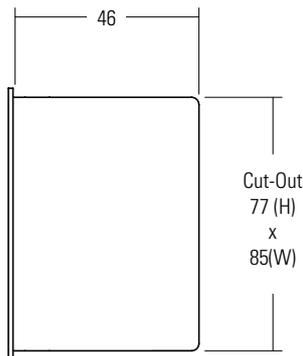
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Spring Clip



/CB

Concrete Box



INSTALLATION

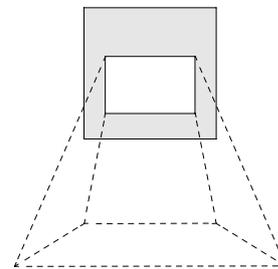
/SC

1. Prepare cut-outs to suit dimensions below.
2. Wire the luminaire to a specified driver ensuring the power is turned off.
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. Install fitting by compressing the springs and pushing it into the hole. The glass window should sit closest to the lit surface.
4. Once the fitting has been wired up and is correctly installed it can be turned on.

/CB

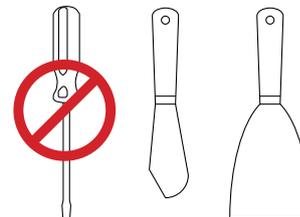
1. Secure housing using no.6 or no.8 screws and attach conduit (if required).
2. Once the first fix is secured feed the cable through the conduit and attach to the fitting ensuring the power is turned off.
3. If the fitting is supplied with spring clips please remove before attempting to install the fitting.
4. Insert the fitting into the concrete box ensuring the glass window should sit closest to the lit surface.
5. Once the fitting has been wired up and is correctly installed it can be turned on.

ORIENTATION



REMOVAL

Use putty knife or scraper and carefully pry out enough of the fitting to get a purchase on the bezel edges. Use hands where possible to avoid damage to the fitting. No excessive force is required. Do not use screw drivers.



SEE CONSTANT CURRENT WIRING SHEET FOR IN SERIES WIRING 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.

IMPORTANT

Make sure that all cables and connections are securely connected before switching on the power. Failing to do this 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. Any attempt made to open up and/or modify the luminaire will invalidate the manufacturers warranty. This is inclusive of but not limited to removal of the LightGraphix product label or removal of any parts from the main body of the product including bezels, electrical components and factory fitted fixing methods (unless otherwise stated in these instructions) as well as any alterations or additions that could have a negative impact on the thermal stability of the fitting.

MAINTENANCE

Lamps: Non-replaceable.
Clean with soft damp cloth.

CABLE COLOUR & POLARITY		
Colour of Cable	Red	Black
Materials	+	-