

## LD96-C1

Miniature Wall Mounted LED Up & Down Lighter



Install sheet - Page 1

### 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.**

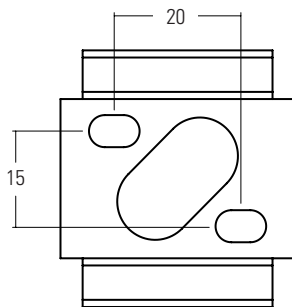
Lamp: **C1 LED Engine.**

This fitting is **IP66** rated.

Lumen Maintenance: L90B5 at 90,000hrs.

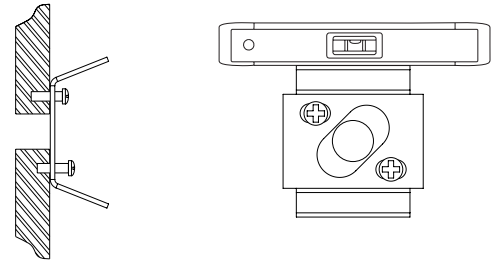
| LD96-C1                   |              |
|---------------------------|--------------|
| Product & LED Output Code | Power Output |
| LD96-C1 - 350             | 350mA 1.2W   |
| LD96-C1 - 500             | 500mA 1.7W   |
| LD96-C1 - 700             | 700mA 2.4W   |

#### Fixing Bracket

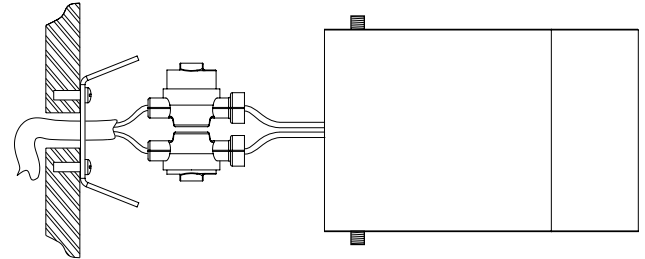


### INSTALLATION

- 1 Roughly locate the bracket using No. 6 or 8 pan head screws. Ensure the bracket is positioned correctly and on a flat surface before securing.



- 2 Make the connection between the first fix cabling and the luminaire using the IP connectors provided (first fix cabling must be between 22AWG and 14AWG). Insert sheathed cables into the connector and compress using pliers. Do not trap cables when securing the fitting.

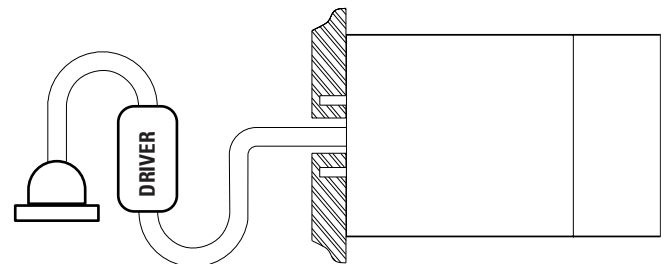


- 3 Ensure the fitting is correctly orientated (refer to customer specification for more information). Insert the connectors into the fitting and use the M2 allen key provided to secure it to the wall.

- 4 Wire luminaire to specified driver. Prior to this ensure power is switched off.



- 5 Once connected, double check the wiring and turn the power on.



### 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).

| CORE COLOUR & POLARITY |     |       |
|------------------------|-----|-------|
| Colour of Cable        | Red | Black |
| Materials              | +   | -     |

#### MAINTENANCE

Clean with soft damp cloth.  
LED: Please contact LightGraphix.