

## LD36-C1

Linear LED Luminaire



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### SPECIFICATION

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

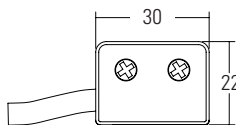
**Suitable for mounting on normally flammable surfaces.**

Lamp: **C1 LED Engine.**

This fitting is **IP40** or **LD54** rated.

Lumen Maintenance: L90B5 at 90,000hrs.

LD36 - C1	
Product & LED Output Code	Power Output
LD36-C1 - 350	350mA 1.2W
LD36-C1 - 500	500mA 1.7W



### MINIMUM SLOT WIDTH DETAIL

Product code	A (mm)
Spring Clip	40
Side Bracket	40
End Bracket	30
Adjustable Bracket	45

Max ambient of 35°C

It is recommended to incorporate air vents into all slot details to stop the ambient temperature increasing too high.

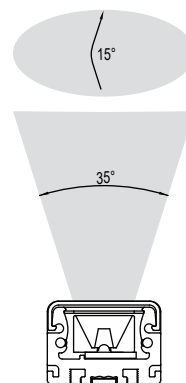
If recessing luminaire in a tight channel (30mm) run fitting at 350mA Max.

### INSTALLATION

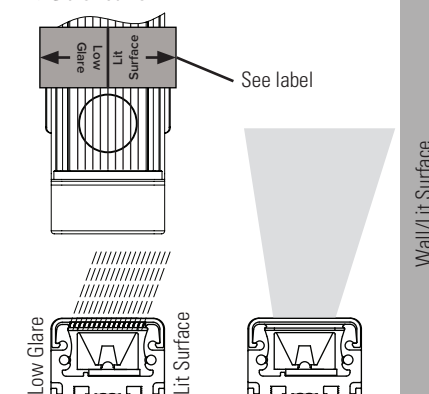
- When installing make sure mount surface is sound and is free from dirt.
- Fix using one No. 4 or 6 Screw per spring clip or bracket.
- The correct number of brackets will be pre-installed on each length.
- If using the spring clip, the correct amount will be supplied to install one every 0.5m.
- It is very important that the product is installed correctly and not allowed to bend or sag.
- The adjustable bracket may need locking off after focusing. To do so please use a 3mm Allen key.
- 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.**

**/OB**  
Oval Beam



**/GL36**  
Anti Glare Louvre



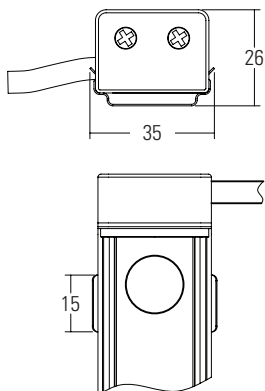
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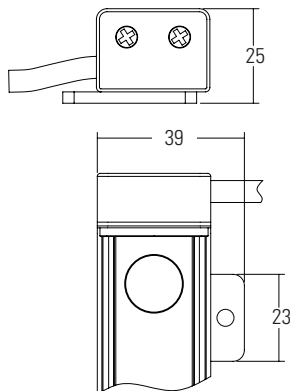
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### /SC Spring Clip Fixing

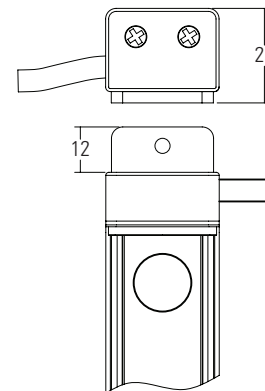


Cable exit to the side unless specified.

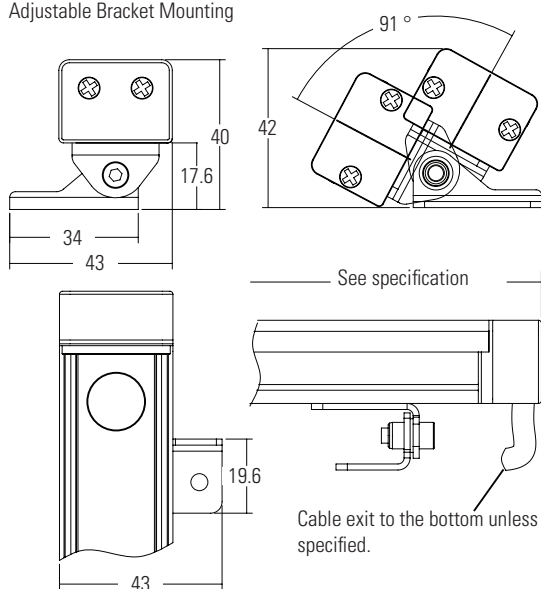
### /BSM Bracket Side Mounting



### /BEM Bracket End Mounting

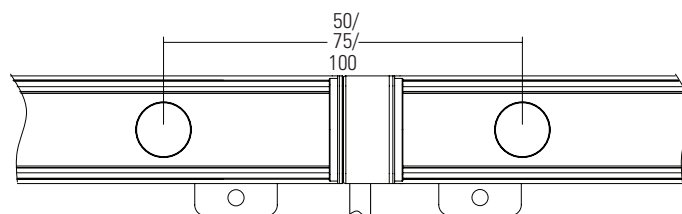


### /ABM Adjustable Bracket Mounting



### PRODUCT SPACING

To maintain LED spacing, butt fittings start to end as shown in the diagram.



## 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.