

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




LD36 RGB IP68

Linear LED Luminaire

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 linear luminaires are class III  for Safety Extra Low Voltage supply  **350mA** constant current supply.

Suitable for mounting on normally flammable surfaces. 

This fitting is **IP68** rated.

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

LD36 RGB IP68	
Product & LED output code	Power Output
LD36 - RGB	350mA 3.6W (3 x 1.2W per LED)

INSTALLATION

1. See page 2 for minimum slot, LED spacing and wiring details.
2. When installing make sure mount surface is sound and is free from dirt.
3. Fix using one No. 4 Screw per spring clip.
4. The correct number of spring clips will be supplied to install one every 0.5m.
5. It is very important that the product is installed correctly and not allowed to bend or sag.
6. Rotate fitting within the spring clips into the desired position.
7. Wire the luminaire to a specified driver.

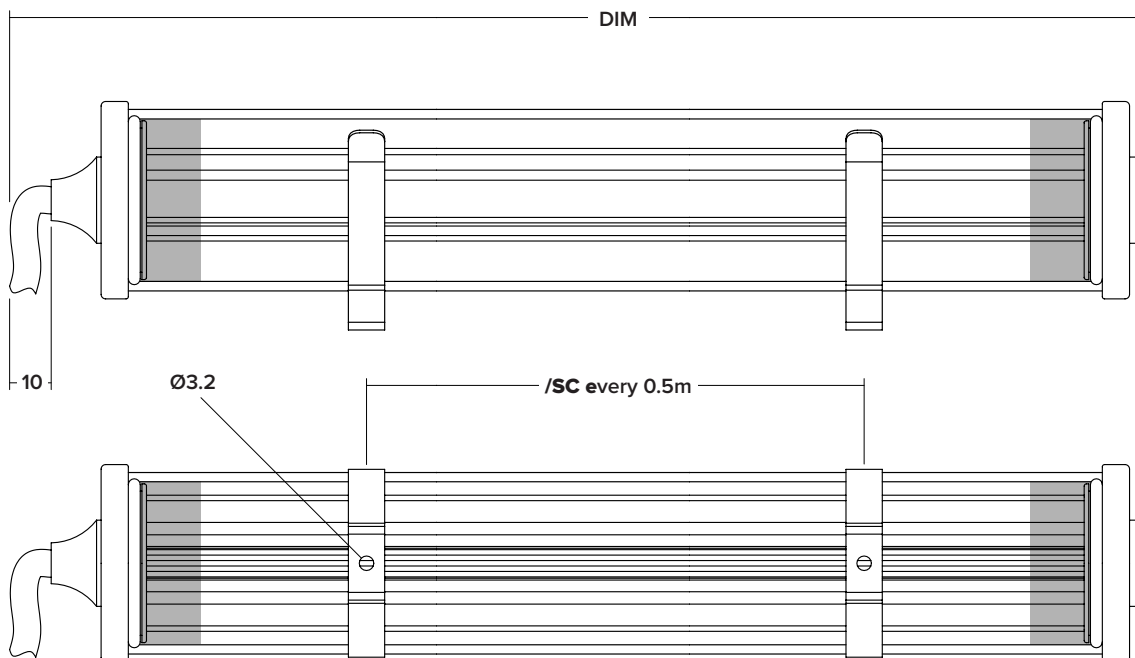
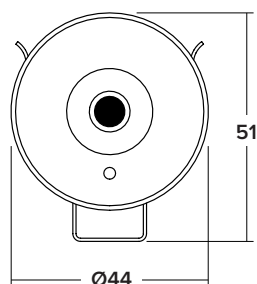
NOTE: Connections in wet environments. Make IP68 connection to stop water travelling up the cables into the fittings! Refer to IP connection sheet for further details.

LD36 IP68 is a sealed product and is not designed to be opened.

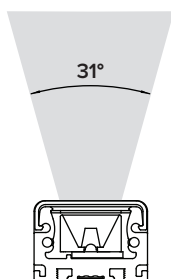
Breaking the seal will remove its IP rating and void its warranty.

DIMENSIONS

/SC
Spring Clip Fixing



/MB
Medium Beam



Beam angles given in (FWHM) full width at half maximum.

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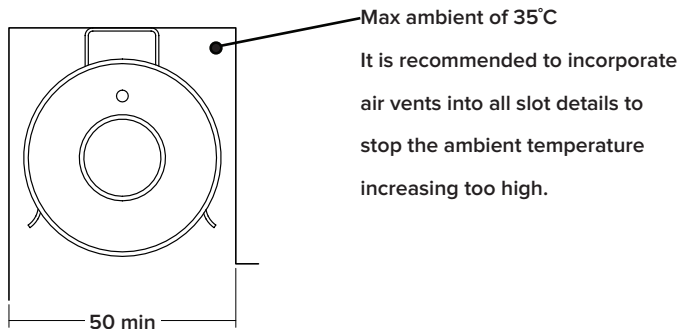
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INSTALLATION

Minimum width of slot detail



IP68 RATING

LD36 IP68 is a sealed product and is not designed to be opened or tampered with.

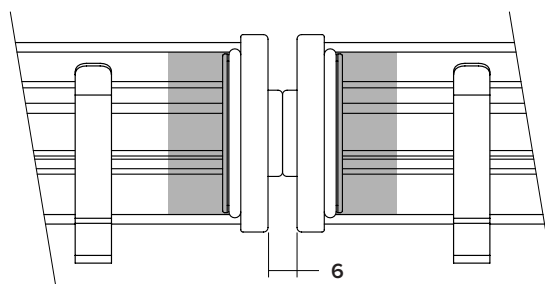
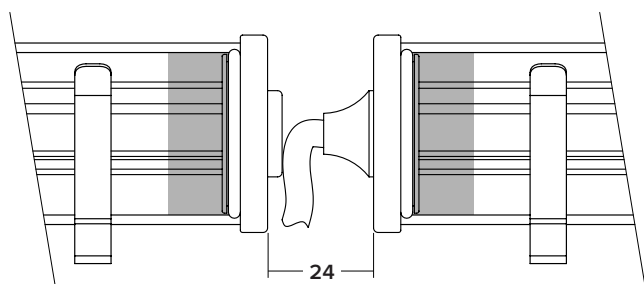
IP rating is maintenance free, no adjustments needed.

Before installing product check the tube has not been cracked on delivery.

PRODUCT SPACING

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

2 metres of cable is supplied as standard unless specified longer.



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.

RGB LEDs												
LED Colour	Red (Circuit 1)		Green (Circuit 2)		Blue (Circuit 3)		Red (Circuit 4)		Green (Circuit 5)		Blue (Circuit 6)	
Colour of Cable	Red	Black	Green	Yellow	Blue	White	Brown	Purple	Pink	Grey	Turq	Orange
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 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.

Clean with a damp soft cloth.

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

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