

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



LD30

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** and **500mA** constant current supply.

Suitable for mounting on normally flammable surfaces. 

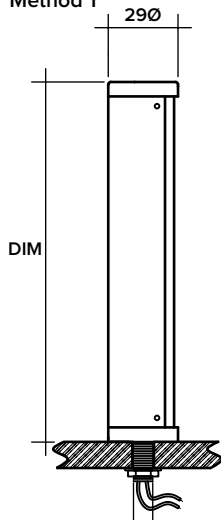
This fitting is **IP40** rated.

Lumen Maintenance: 50,000 hours L70 at Max Ambient: 350mA = 45°C
(Thermals require consideration in small, unventilated display cabinets) 500mA = 35°C

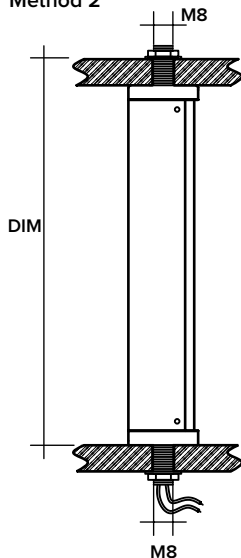
LD30 is available in various power outputs options	
Product & LED output code	Power Output
LD30 - 350	350mA 1.2W
LD30 - 500	500mA 1.7W

DIMENSIONS

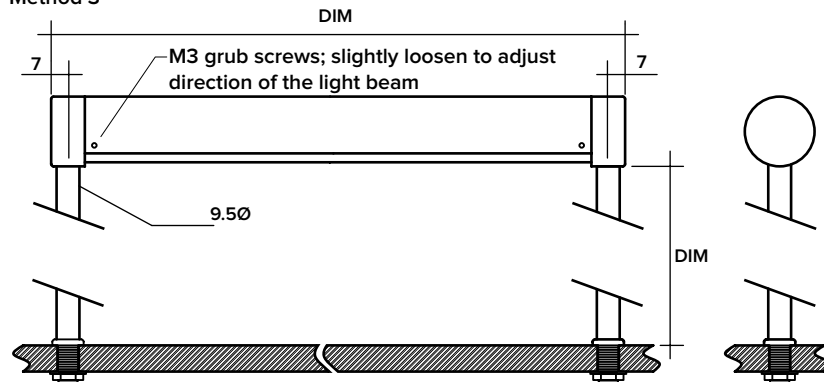
Method 1



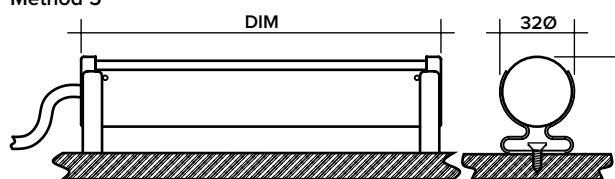
Method 2



Method 3



Method 5



INSTALLATION

Method 1, 2, 3 & 4

1. Drill two 8mm holes for the M8 threads. To obtain hole pitch see diagram below.
2. Feed wires through the holes and offer the one/two M8 threads into the holes, push the washer over each thread and tighten the nut.
3. Wire to specified driver.
4. Loosen the M3 grub screws to adjust the angle of the light output.

Method 5

1. Before installing make sure mounting surface is sound and free from dirt.
2. Fix clips to mounting surface with a No. 4 or 6 screw. LD30 must be fixed every 0.5m to prevent sagging or bending.
3. Wire luminaire to specified driver.

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								
Circuit	Circuit 1		Circuit 2		Circuit 3		Circuit 4	
Colour of Cable	Red	Black	Green	Yellow	Blue	White	Brown	Purple
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 soft cloth.

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