

# 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


# LD38S & LD38C Tunable with /SC



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 or 500mA constant current supply.

Suitable for mounting on normally flammable surfaces. 

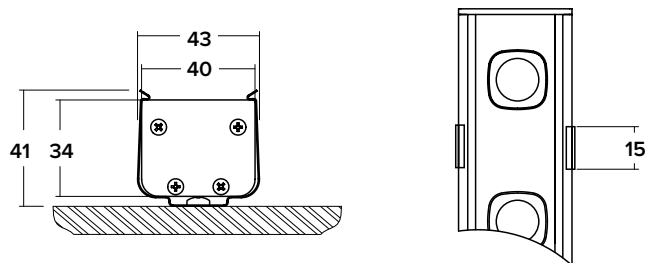
This fitting is IP67. See product specification for clarification.

Lumen Maintenance: 50,000 hours L70 at Max Ambient of 45°C.

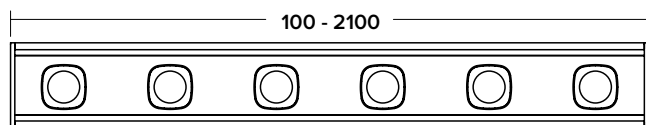
### DIMENSIONS

#### /SC38

Spring Clip

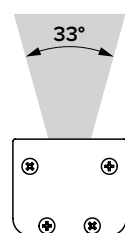


#### Minimum and Maximum Lengths



#### /MB

Medium Beam



LD38S / LD38C Tunable is available in various power output options	
Product & LED output code	Power Output
LD38S / LD38C - 350 / LW** + LW***	350mA 1.2W per LED
LD38S / LD38C - 500 / LW** + LW***	500mA 1.7W per LED
LD38S / LD38C - 350 / LW** + ****(Colour)	350mA 1.2W per LED
LD38S / LD38C - 500 / LW** + ****(Colour)	500mA 1.7W per LED

\*\* Warm white LEDs

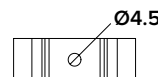
\*\*\* Cool white LEDs

\*\*\*\* Colour LED, such as a red LEDs

### INSTALLATION

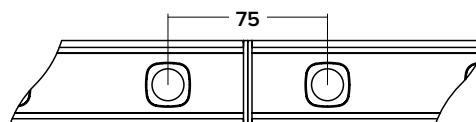
1. Position and mark up /SC spring clips on mounting surface.
2. Fix to surface using N°6 or N°8 pan head screws.
3. Install LD38 into /SC spring clips.
4. Wire the luminaire to a specified driver.

**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.**



#### Product Spacing

To maintain LED between lengths, butt fittings together end-to-end as show below.



### 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.

**WW** = Warm White LEDs

**CW** = Cool White LEDs or colour LEDs

Tunable LEDs								
LED Colour	WW Circuit 1		CW Circuit 2		WW Circuit 3		CW 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

**CABLE:** The external flexible cable of this luminaire can not be replaced; if the cord is damaged, the luminaire shall be destroyed.

**LAMPS:** The light source in this luminaire is non-replaceable, when the light source reaches its end of life the whole luminaire shall be replaced. Clean with soft cloth and avoid harsh cleaning chemicals. This leaflet should be issued and retained by the end user.