

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



LD11

Flexible 24V Linear LED

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  **24V DC** driver.

Suitable for mounting on normally flammable surfaces. 

LD11 is **IP54** or **IP67** rated, check specification.

Lumen Maintenance: 50,000 hours L70, at a maximum ambient of 45°C.

Minimum bend radius of 500mm, use cable ties to fasten down product.

INSTALLATION INFO

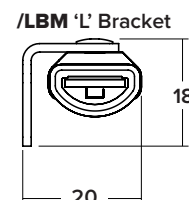
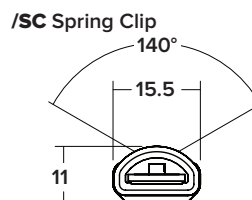
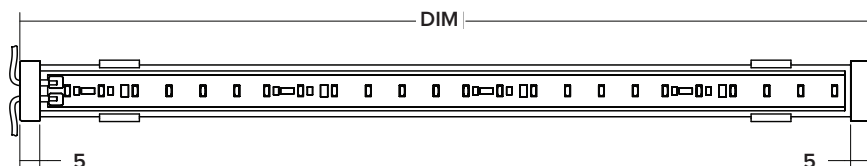
Volt drop on long cable runs can be an issue. To keep volt drop to a minimum see volt drop table for suggested cross sections of cable.

NOTE: There must be a minimum of 23V entering the length at the start of the run.

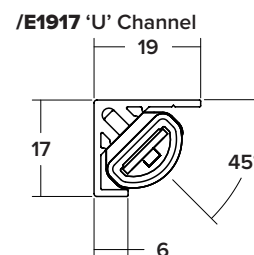
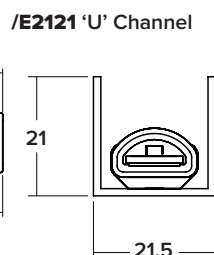
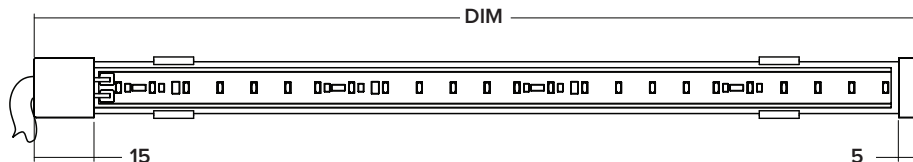
LD11 is available in various power outputs options	
Product & LED output code	Watts per metre
LD11 / Eco	3.6 W/m
LD11 / Short	8.7 W/m
LD11 / EcoRGB	6.5 W/m

DIMENSIONS

LD11/IP54

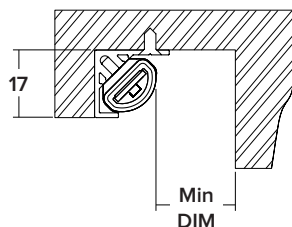
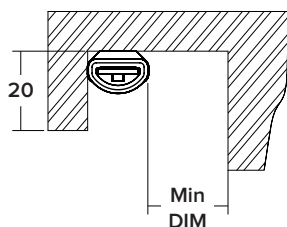


LD11/IP67



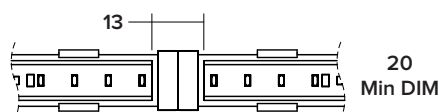
Mounting Details

Recommended mounting details when using multiple fittings to ensure a continuous wash of light. This applies to /SC & /E1917 options.



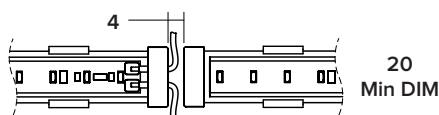
LD11 & LD11/IP67

2 non cable exit ends pushed together



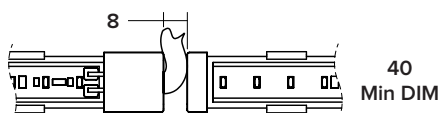
LD11

In-line lengths



LD11 /IP67

In-line lengths



WARNING

Do not power up LED or driver until all work is completed.

23V minimum must enter start of LED run.

See 'important' section on next page.



**INSTALLATION INSTRUCTIONS
& WIRING INFORMATION
ON NEXT PAGE**

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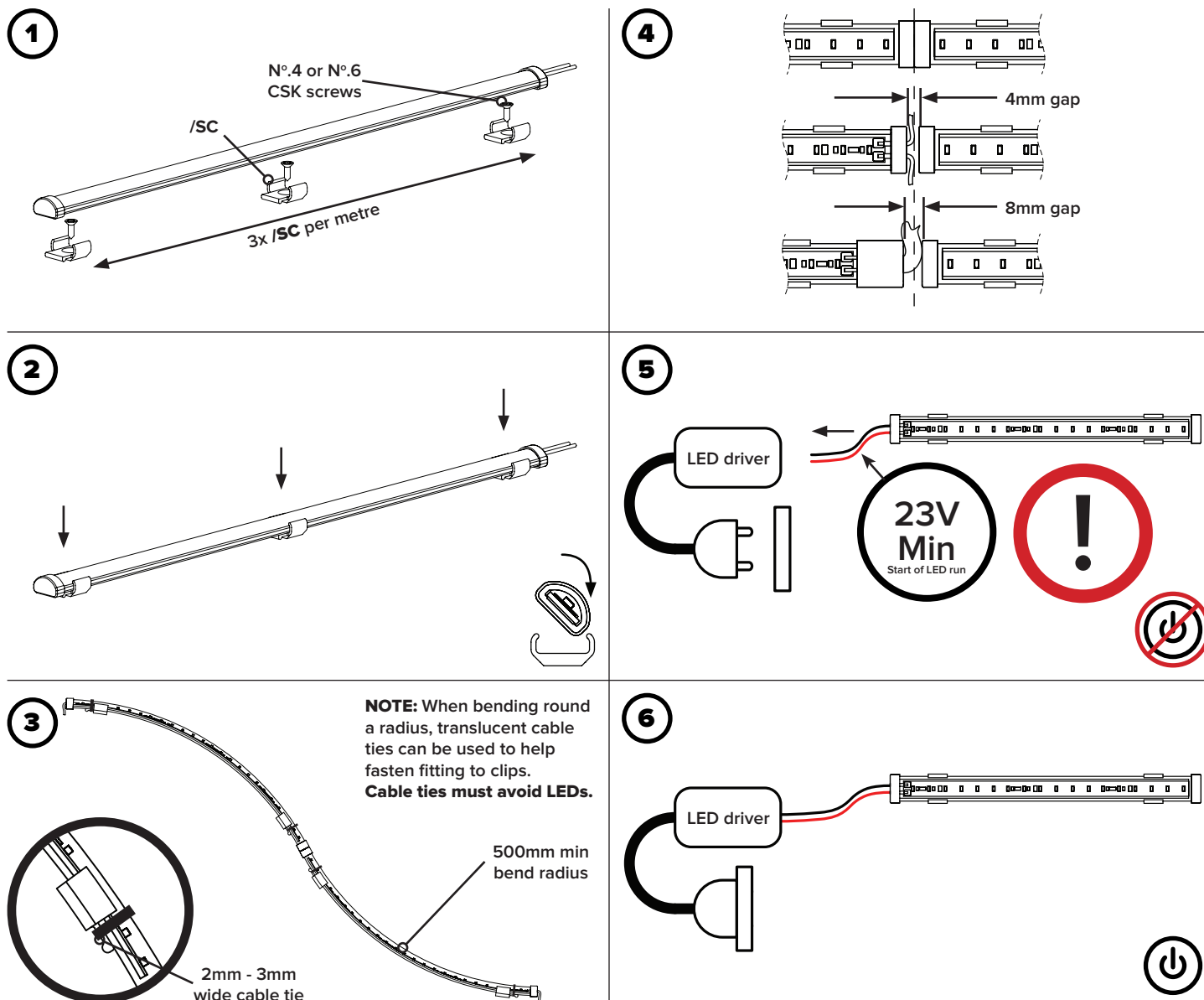
INSTRUCTION LEAFLET



LD11

Installation

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WIRING

Do not power up until fitting is wired correctly! Constant voltage LEDs must be wired in parallel, polarity is critical! See table for polarity of cables.

Single Colour LEDs		
Colour of Cable	Red	Black
Polarity	+	-

RGB LEDs				
Colour of Cable	Black	Red	Green	Blue
Polarity	+	-	-	-

Example Volt Drop Table	
Distance	Cable cross section
0.5m - 10m Max	1.5mm
10m - 20m Max	2.5mm

SEE SPECIFIED DRIVER SHEET FOR 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 overvoltage, 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.
Cable ties: RS N°. 620-2527
Clean with soft damp cloth.

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

Page 2/2