

LUX SL90 & SL180 IP68 Strip Light Installation Guide

Full spectrum color tunable lighting, including cold and warm white light

Please read the following pages before attempting installation to ensure complete understanding of the LUMISHORE Strip Lights

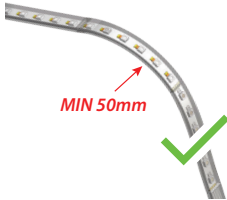


Before you start...

- Always ensure that the vessel's power source and battery are disconnected or isolated prior to installation.
- A qualified professional should carry out both the electrical and mechanical installation.
- The Lux Strip Light is designed to be used in conjunction with the Lumishore Lux Strip Light Driver modules (see diagram below). Do not connect to any other 3rd party lighting control products or drivers.
- The lux Strip Light is fully sealed and can be installed inside or outside, it can be installed in wet areas but is not designed to be permanently submerged in water.
- Choose a location – the Strip Light is made from UV resistant material but should not be installed in areas of strong direct sunlight.
- The Strip Light has a bend radius of 50mm in the vertical axis, do not bend in the horizontal axis or twist the Strip Light.
- The Strip Light is delivered in premade lengths that are factory sealed to meet IP68 standards - **DO NOT CUT STRIP LIGHT.**

Handling & Manipulating:

VERTICAL BEND ONLY



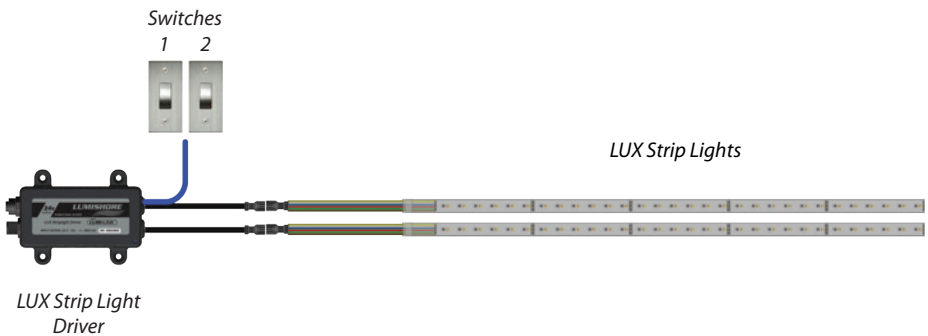
DO NOT BEND IN HORIZONTAL AXIS



DO NOT TWIST



Installation Diagram:



NOTE : The Lumishore Lux Strip Lights requires connection to the Lumishore LUX Strip Light Driver Module. For full electrical installation and wiring diagrams please refer to the LUX Strip Light Driver Installation Manual (45-0143).

Power Rating = 5 watts Per Meter

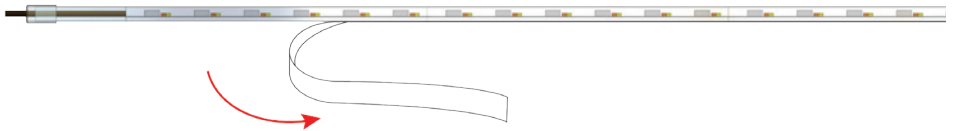
Voltage Input Range = 23 - 25V*

***ONLY USE WITH LUMISHORE STRIP LIGHT DRIVER MODULES**

Mechanical Installation - 3M Adhesive Strip

Thoroughly clean the mounting surface using IPA, ensure it is dust and dirt free.

Peel back the 3M adhesive backing layer and firmly press strip light in place. Allow the adhesive to set for 24 hours before switching the strip light on.



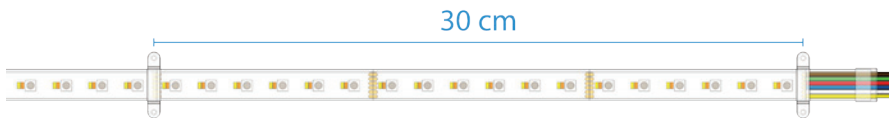
Outdoor Installation - Mounting Fasteners

For outdoor installation, wet areas or tight bend radii: it is recommended that mechanical fasteners are used in addition to the adhesive layer.

FASTENING CLIP



Using suitable screws the fasteners should be placed every 25 - 30cm apart and/or at either side of the bend



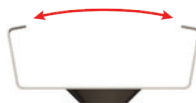
Mounting Clips (Optional)

For narrow mounting channels Lumishore can supply Stainless Steel metal clips. These are attached using a countersink screw. Gently prize open the metal clip and insert the strip light. Once in place gently squeeze the clip together over the strip light.



CTSK SCREW WITH METAL CLIP

PRIZE OPEN TO INSERT STRIP



SQUEEZE TOGETHER WITH STRIP IN PLACE

