TriFlex IP65
Sealed Flexible High Output LED Strip
Specifications & Installation Guide

LED Lighting and Control
Designed and Manufactured in Australia

DIGILIN

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Safety Notes

- Do not press On LEDs when installing
- Do not over flex strips
- Installation should only be performed by a qualified professional
- Install in accordance with all appropriate wiring standards
- Never connect a LED fitting to a driver that is powered. Doing so may result in damage to the LED.
- Always make sure the output voltage range and output current of the LED driver match the requirements of the LED fitting. Failure to do so may result in damage both the driver and fitting.
- DALI is not SELV and installation must therefore follow appropriate standards

Specifications

Inputs

			Units
	Nominal	24	
Dimensions	Min	23	VDC
	Absolute Max	25	
Drive Current		0.6	A/m
Power		14.4	W/m
Maximum run from power connection		5	M

For best performance, power should be feed from both ends of each reel

Manufactured In Australia for over 35 years

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1800 982 005   www.digilin.com.au

Optical

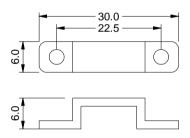|	W30	W41	W60	Units
Order Code	W30	W41	W60	
Colour Temperature	3050	4100	6000	K
Typical Lumens	585	685	700	lm/m

Dimensions

All dimensions in mm

Strip

TriFlex IP65 LED Strip is supplied in 5m Reels, LED spacing 16.67 mm.
Cut to length strips shorter than 5m and maintaining IP rating, are available on request.

Mounting Clip

Installation

Precautions

- Strip is **not** rated for continuous immersion.
- Do not attempt to make sharp bends with the strip. Right angles should be achieved by cutting the strip and joining with wires.
- Over-flexing the strip may cause it to snap.
- **Do not** press on the LEDs when installing. Doing so may damage the LEDs.
- Do not install under mechanical stress
- Allow for expansion due to changes in temperature.
- Please be aware that while the system has a very long operational life, faults may still occur and provision needs to be made for maintenance.

Mounting

Wood and Plasterboard

- Screw the **mounting clip** in place over the LED strip.
  Recommended Screw: M2.5 screws

  or

  Self tapping screws with a diameter of 2.2 to 2.9mm
  Note: 1 clip for every 0.5m of strip required. Minimum of 2 clips.
       11 clips required for every 5m reel

Stainless Steel

- Install temporary fixing in combination with **Selleys Roof and Gutter Translucent neutral cure, one-part silicone sealant**. Remove temporary fixing after sealant is dry.

Concrete

- Install **Digilin LLST shallow track** to concrete with temporary fixing and **Selleys Roof and Gutter Translucent neutral cure, one-part silicone sealant**. Remove temporary fixing after sealant is dry.
- Install LED strip to **Digilin LLST shallow track** with temporary fixing and **Selleys Roof and Gutter Translucent neutral cure, one-part silicone sealant**.
  Remove temporary fixing after sealant is dry.
  Note: **Digilin LLST shallow track** is used to provide a smooth surface for superior adhesion.

Wiring

- No continuous run of strips should exceed the specified maximum run value without additional power feeds.
- Only join strips powered by the same supply

1. With power off, push the mating connectors together

2. Firmly tighten the cap to achieve an IP67 seal.

3. Ensure that the other end of the strip is appropriately sealed or mated.

Maintenance

- Strips normally require no maintenance except for light cleaning
- Isolate from power before accessing
- Visually inspect strips at the time for any obvious faults
- The strips may be dusted with a non-conductive brush. No fluids should be used
- If this procedure does not remove contaminants, please contact Digilin for further advice.