

# LiteFlex

## Compact LED Strip

### Specifications & Installation

### Guide



## Table Of Contents

Safety Notes .....	2
Specifications .....	2
Inputs .....	2
Optical.....	2
Dimensions.....	3
LiteFlex Extrusion.....	3
Installation .....	3
Mounting .....	3
Mounting the LiteFlex Extrusion .....	3
Wiring .....	3
Maintenance .....	3

## Safety Notes

- Do not exceed rated maximum voltage
- Check supply circuit before energising
- Do not connect separate power drivers together
- Do not press on LED's when installing
- Do not over flex the LED strip
- 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.

## Specifications

### Inputs

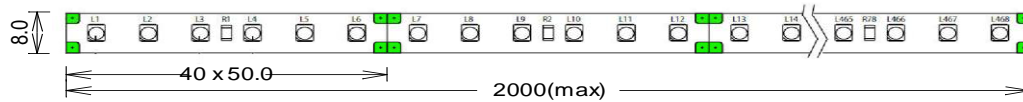
			Units
Voltage	Nominal	24	VDC
	Min	23	
	Absolute Max	25	
Drive Current		360	mA/m
Watts		8.64	W/m
Maximum run from power connection		4	m

### Optical

	White	White	White	Red	Green	Blue	Yellow	Units
Order Code	W30	W41	W60	R	G	B	Y	
Beam Angle	110							°
Colour Temp	3050	4100	6000					K
Wavelength				620 – 630	520 – 535	465 – 475	585 - 595	nm
Typical Lumens	720	780	840	192	432	96	192	lm/m

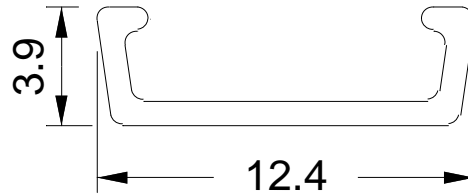
## Dimensions

All dimensions in mm



Maximum extrusion length is 2m

### LiteFlex Extrusion



## Installation

### Mounting

- Do not install where water or high humidity may be present without further protection.
- Do not mount with the components or board touching any flammable surfaces.
- 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 the LiteFlex Extrusion

The LiteFlex extrusions should be fixed in place using either a neutral cure adhesive or double sided tape. Take care not to press on the LED's when mounting.

### 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

### Maintenance

- Strips normally require no maintenance except for 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.