

Product Name LuminaraFlex | Waterproof Outdoor LED Light Strips

Style Architectural / Linear

Power Supply Low-voltage DC24V



A silicone-sealed LED strip made to sit in a recess under a stair tread or along a step edge, so the light appears without the fitting being visible.

Supplied in fixed lengths — 10, 16 or 33 feet — in flat or three-sided profile, and it can be bent and cut to the layout you need.

Runs on 24 V DC with good heat and weather resistance, for indoor and outdoor use alike.



Specifications & Quality Documentation

Dimensions, materials, electrical detail and installation requirements for this fixture.

● Basic Product Information

Product Type	Embedded step and deck strip light
Power Supply	Low-voltage DC24V
Mounting	Flush-mounted into a recess or channel
Profiles	Flat or three-sided
Colour Options	Warm White · Neutral White · Cool White
Lengths	10 ft (3.0 m) · 16 ft (4.9 m) · 33 ft (10.1 m)



● Materials & Construction

Encapsulation	Silicone gel – fully sealed
Flexibility	Bends and cuts to suit the layout
Heat Resistance	Rated for continuous outdoor operation
Use	Indoor and outdoor

● Lengths

Length	Metric	Load at 3 W/ft
10 ft	3.0 m	approx. 30 W
16 ft	4.9 m	approx. 48 W
33 ft	10.1 m	approx. 99 W

Size the transformer to the run you order – a 33 ft length draws roughly 99 W, so allow headroom above that figure.



● Electrical & Light Source

Supply	Low-voltage DC24V
Operating Voltage	DC 24V (low voltage)
Transformer	Required – not supplied. A 24 V DC transformer rated above the run's total load and suited to an Australian outlet is needed
Power	3 W per foot (approximately 10 W per metre)
Light Source	Integrated LED
Colour Temperature	Warm / Neutral / Cool White – selected at order
Control	Wall switch
Dimmable	Only with a compatible 24 V DC dimmer

● Installation

Method	Flush-mount into a recess, stair nosing or channel
Installer	The strip itself runs at 24 V and needs no electrician. A licensed electrician is required to install the outlet or connection the transformer plugs into, if one is not already there
Cutting	Measure the run first, then cut only at the marked lines
Position	Indoor or outdoor
Suits	Stair treads, balconies, courtyards, garden steps, decking

● In the Box

LED strip at the length selected · End caps · Connecting leads · Mounting clips · Instruction sheet. Transformer not supplied.

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Email support, 7 days a week

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