

LED Tape High Brightness 100 14W 24V

LED Strip Flexible High Brightness Tape 5m (60xSMD 5050 LEDs/m) 24V
70W (14W/m) 2700K Warm White



TAPEHP500 INT

70W (14W/m) 2700K Warm White
Quicklink: Q2A94

General

Construction	Plastic
IP Rating	IP65

LED Chip	SMD 5050
LED per Tape	300

Dimensions

Cut Length	100mm
Height	3mm
Length	5m
Width	10mm

Electrical

Maximum Wattage	70W (5 x 14W)
Voltage	24V

Light Characteristics

Beam Angle	120°
Colour Rendering Index	80
Colour Temperature	2700K Warm White
Lumens	5500 lm
Lumens Per Metre	1100 lm/m
Lumens Per Watt	79 lm/W
Watts Per Metre	14 W/m

LED Tape is a versatile light source with a wide range of uses that can be either decorative or functional. Easy to install with pre-fitted double-sided backing tape and can be cut to a specific length.

Anything from a short linear run of light for under cabinet or plinth lighting, shelving or back lighting mirrors to large scale applications such as low level lighting in corridors, dropped ceilings, cove lighting, doorways, handrails and staircases can be achieved. A wide range of extrusions and diffusers are available to suit any location and produce different effects.

LED Tape carries an IP65 rating making it suitable for bathrooms and kitchens. We would recommend using this tape for indirect lighting such as lighting shadow gaps. This tape is very bright so should only be used where plenty of light is required.

The 5 meter LED tape cannot be extended any further. For lengths of more than 5 meters, you would need to put the extra tape on an additional power cord and position them one after another, wiring the power cords back to the driver in parallel. This LED tape also has a cut mark every 100mm, meaning you can achieve more precise lengths for your installation. The maximum distance between the power supply and LED tape is 10 meters. We recommend using 1.5mm² cable. The maximum total length is 15 meters for the LED tape and power supply combined.

This LED tape is dimmable and we recommend using the Triac LED Dimming Driver. Ensure the dimming driver you use exceeds the total wattage of the LED Tape.

This LED Tape **must be installed in an Aluminium Extrusion** with a minimum depth of 12mm. With a maximum combined length of 5 metres. Once installed the tape remain accessible.