

LED Tape High Brightness 100 14W 24V

LED Tape High Brightness 5m (60xSMD 5050 LEDs/m) 24V
70W (1m=14W) 6000K Daylight



MR. RESISTOR[®]
Lighting Specialist Est. 1968



TAPEHP500 C/W

70W (1m=14W) 6000K Daylight
Quicklink: Q2769

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 6000K Daylight
Lumens 5000 lm
Lumens Per Metre 1000 lm/m
Lumens Per Watt 71 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.