

9VLW – Datasheet

High quality 24V RGBW 4000K constant voltage LED strip



The ENTTEC 9VLW is a professional grade 24V constant voltage LED strip with 60 LEDs per metre, engineered for architectural and entertainment applications. It delivers vibrant, saturated colours on a large scale with consistency and reliability.

Designed for versatility, the strip can be cut and joined to create virtually any shape or layout.

At ENTTEC, quality and attention to detail are paramount. Each strip is manufactured on a thicker substrate for greater durability, improved heat dissipation, and reduced voltage drop—outperforming standard LED strips on the market. Combined with its 24V operating voltage, this design allows runs of up to 10 metres before power injection is required.

Features

- Video grade RGB LEDs for maximum colour vibrancy and longevity
- 90+ CRI 4000K LEDs
- White LEDs 3 SDCM
- 10m length per reel
- 60pcs of RGB and White LEDs per meter
- High light output
- LEDs dimmable by ENTTEC CVC4
- Can be joined together
- Can be cut to a smaller length
- Minimum cut length 100mm
- Input and output connections (loose cable)
- Constant Voltage control
- IP20 Indoor use only

Specification

Connection (In/Out)	5* solder tabs	
IP Rating	IP20	
Input Voltage	24V	
Current Consumption (Max)	0.73A/metre	
LED Quantity	60pcs/metre	
Watts/Meter (Max)	Red	4.45
	Green	3.31
	Blue	3.12
	White	6.4
Lumens/Meter (Max)	Red	66
	Green	179
	Blue	42.6
	White	562
CCT (All LEDs RGB On)	7000K	
CCT White	4000K 3SDCM	
Beam Angle	120 °	
PCB Colour	White	
Led Strip Width	12mm / 0.47"	
Spacing Between Cuttable Sections	100mm / 3.93"	
Environmental Operating Temperature	0°C to 50°C 32 °F to 122 °F	
Environmental Operating Humidity	5- 95% (non-condensing)	
Shipping Weight (10m Roll)	0.25Kg / 0.55lbs	
Shipping Dimensions (10m Roll)	250*250 *35mm 9.84*9.84*1.38"	
Warranty	1 year return to base manufacturer warranty	

Power & Connections

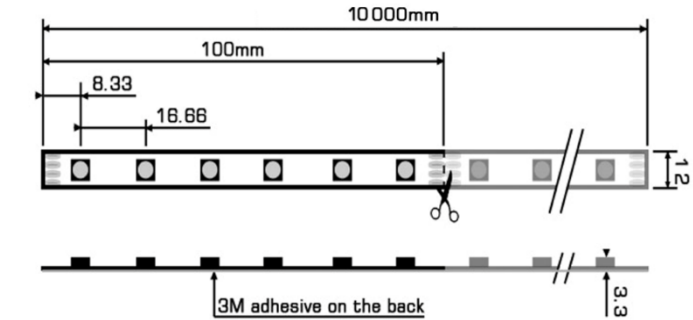
- + : 24VDC
- R: Red
- G: Green
- B: Blue
- W: White

To run longer continuous lengths, power must be re-injected at every 10m. This will mitigate expected voltage drop.

Certification



Physical Dimension



Strip is cuttable every 100mm.

Box Content

- 1* 10m 9VLW-10
- 1* 5 core bare end cable (3A max, only for testing purpose)

Safety

- Do not exceed the rated 24V DC power supply. Ensure all cabling is rated to handle the current of each section.
- Make all connections and ensure your installation is appropriately fused before powering it.
- LED strips produce heat; ensure proper thermal management by attaching to a thermally conductive surface.
- This product is intended for indoor use only. Do not expose to moisture, doing so will void the warranty.

Ordering Information

For further support and to browse ENTTEC’s range of products visit the ENTTEC website.

Item	SKU
HIGH QUALITY RGBW LED STRIP 4000K (10m reel)	9VLW-10

enttec.com

MELBOURNE AUS / LONDON UK / RALEIGH-DURHAM USA / DUBAI UAE

Due to constant innovation, information within this document is subject to change.