

9CY – Datasheet

High quality 24V White colour temperature adjustable constant voltage LED strip



Experience professional-grade performance with ENTTEC's 24V constant-voltage LED strip featuring 120 LEDs per metre — designed for both architectural and entertainment lighting applications.

Each strip delivers uniform, high-quality illumination along its entire length for consistent, professional results.

The CTA white (3000K–5500K) range gives the freedom to precisely adjust colour temperature — from warm, ambient tones to bright, daylight-white light. This flexibility allows to shape the perfect atmosphere for any environment, whether enhancing comfort in a lounge or boosting focus in a workspace.

Fully dimmable when paired with ENTTEC's CVC4 constant-voltage dimmer, these LED strips offer precise brightness control for any facade.

The flexible design supports easy cutting and joining to create virtually any layout. Built on a 3oz copper substrate for ensured durability, heat dissipation, and minimal voltage drop, ENTTEC's LED strips ensure reliability, longevity, and consistent performance over runs up to 15 metres.

FEATURES

- **High quality LEDs with 2 step binning for maximum colour consistency and longevity**
- **10m total length**
- **120pcs 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 50mm**
- **Input and output connections (loose cable)**
- **Constant Voltage control**
- **IP20 Indoor use only**
- **Constant current control, consistent brightness along the full length**

SPECIFICATION

Connection (In/Out)	3Pin solder tabs
IP rating	IP20
Input voltage	24V
Current consumption (max)	0.49A / mtr
LED quantity	120pcs / mtr
Watts/meter (max)	11.8
Lumens/meter (max)	1803
Color temperature (3 variants)	6000K/4000K/3000K
CRI (Ra)	>90 ¹
R9	>50
Beam angle	120°
PCB Color	White
Led strip width	10mm / 0.39"
Spacing between cuttable sections	100mm / 3.94"
Working/Storage Temperature	-30~55°C / 0°C~60°C
Environmental operating humidity	5-95% (non-condensing)
Weight (10m roll)	0.25kg / 0.55lbs
Shipping weight (10m roll)	0.30kg / 0.66lbs
Shipping dimensions (10m roll)	250*250*30mm 9.84*9.84*1.18"
Warranty	1 year manufacturer's return-to-base warranty

1) Tolerance of Color Rendering INDEX: ±2

BOX CONTENT

- 1x reel 10m LED Strip with 3 core tinted cable

CONNECTION

3PIN solder tabs

- +24V
- WW
- CL

CERTIFICATION



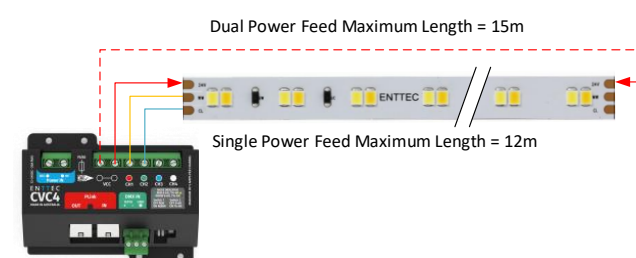
DIMENSION



WIRING DIAGRAM

Colour and lumen output may be affected if the maximum length is exceeded. A single power source is required to ensure proper dimming functionality.

POWER INJECTION	SINGLE POWER	DUAL POWER
MAXIMUM RUN LENGTH	12m	15m



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
24V Constant Current LED strip, 3000K-5500K Colour Temperature Adjustable, 10m reel	9CY-10

enttec.com

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