greenhse Technologies

EXTRA-LOW VOLTAGE
Use a certified supply · see p.2

SPEC SHEET
Product code: st24v-23w-SMD-1-1

23 W/m High Lumen SMD Display Strip – 24 V

A very bright 24 V white strip light for display cabinets, shelving and shop fit-outs indoors.



KEY FEATURES

- Very bright: up to 3800 lm per metre
- 240 LEDs per metre for smooth light
- Natural white 4000 K or crisp white 5700 K
- Runs 5 m from one end, or 10 m with power at both ends
- Dimmable with a 2-in-1 controller (remote or smart app)
- Indoor, dry areas only (IP20)

IN THE BOX

- 1 × 23 W/m LED strip in the colour and length you ordered
- Transformer, controller, remote and channel: sold separately or in a kit

SPECIFICATIONS

Power	23 W per metre
Input voltage	24 V DC (needs a 24 V transformer)
Light output	Up to 3800 lm per metre
Efficacy	About 165 lm/W
Colour temperature	4000 K natural white or 5000 K crisp white
Colour rendering (CRI)	80+
LEDs	240 LEDs per meter
Beam angle	120°
IP rating	IP20 – indoor, dry areas only
Dimmable	Yes – with a 2-in-1 strip controller
Size	10 mm wide × 2.2 mm high
Cut points	Every 33.3 mm (marked)
Maximum run	5 m from one end; 10 m with power at both ends
Kit lengths	3, 5, 6, 8 or 10 m
Lifespan	50,000 hours
Warranty	2 years limited (excludes physical damage)

OPTIONS

Colour option	Colour temperature
Natural White	4000 K
Crisp White	5700 K

Installation: licensed electrician recommended – see the installation guide. Keep your invoice for warranty.

Certification: CE, RCM

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ABOUT THIS PRODUCT

Our brightest 24 V white strip, giving up to 3800 lumens per metre from 240 high efficiency LEDs per metre. It is designed for display cabinets, retail shelving, shop fit-outs and other indoor spots that need strong, even light. Choose natural white 4000 K or crisp white 5700 K. The strip is dimmable with a Greenhse 2-in-1 controller, can be cut every 33.3 mm and is best fitted in an aluminium channel. For dry indoor areas only.

MORE DETAILS

Colour / finish	White PCB
Supply type	24 V DC constant voltage, safe extra-low voltage (SELV)
Electrical class	Class III (runs only on SELV from a transformer)
LED type	SMD 2835
Circuit board	Double-layer 3 oz copper PCB
Dimming signal	PWM, or 0 to 10 V with a suitable controller

SAFETY & COMPLIANCE

Extra-low voltage product (24 V DC)
Safe low voltage. Must be powered by a certified power supply (see below).

Equipment risk level	Not prescribed (extra-low voltage)
Use with a Greenhse 24 V transformer (30 W or 60 W indoor models)	SAA-230028-EA (valid to 17 Feb 2028)

Extra-low voltage products are not prescribed electrical equipment under the EESS. Mains (240 V) wiring to the power supply must be done by a licensed electrician. Only use a certified power supply of the correct voltage and wattage.