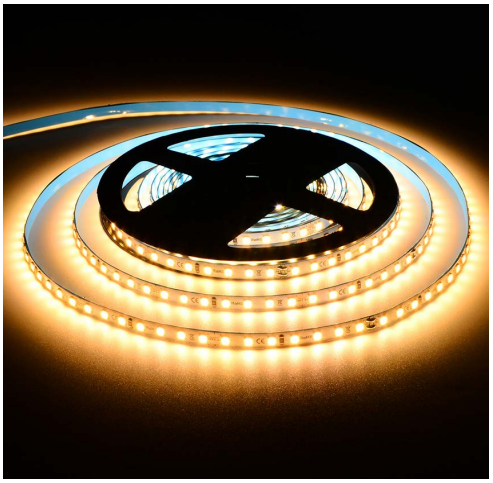
greenhse Technologies

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

SPEC SHEET
Product code: st24v-12w-SMD

12 W/m High Lumen SMD LED Strip – 24 V, IP65

A very bright, efficient 24 V LED strip in fixed white, made for under kitchen cabinets and display lighting.



KEY FEATURES

- Up to 1800 lm per metre from only 12 W per metre
- 240 LEDs per metre – a dotless line in a channel with diffuser
- IP65 waterproof coating for kitchens and other damp areas
- Choose 2700 K, 3000 K, 4000 K or 5700 K white
- Dimmable, and smart with an optional controller
- Runs 5 m from one end, or 10 m when fed from both ends

IN THE BOX

- 1 × 12 W/m LED strip in your chosen length and colour
- Double-sided tape already on the back of the strip
- Transformer, controller, remote and channel are separate items (or part of your kit order)

SPECIFICATIONS

Power	12 W per metre Up to 1800 Lm per m
Input voltage	24 V DC (24 V transformer required)
Light output	Up to 1800 lm per metre
LEDs	240 per metre
Colour temperature	2700 K, 3000 K, 4000 K or 5700 K (choose one)
Colour rendering (CRI)	80+
Beam angle	120°
IP rating	IP65 – waterproof coating
Dimmable	Yes, with a strip controller (sold separately)
Maximum run	5 m from one end; 10 m fed from both ends
Size	10 mm wide x 2.2 mm
Kit lengths	3, 5, 6, 8 or 10 m
Mounting	Double-sided tape; aluminium channel recommended
Lifespan	50,000 hours
Warranty	2 years limited (excludes physical damage)

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

Certification: RCM, CE

12 W-m High Lumen SMD LED Strip – 24 V, IP65

ABOUT THIS PRODUCT

This 24 V LED strip gives a very bright, even line of fixed white light from only 12 W per metre. With 240 LEDs per metre and an IP65 waterproof coating, it suits under kitchen cabinets, splashbacks, shelving and other damp indoor areas. Choose warm, natural or cool white to match your space. It is dimmable with a Greenhse strip controller, and it looks smoothest fitted inside an aluminium channel with a diffuser. Runs are up to 5 m from one end, or 10 m when fed from both ends.

MORE DETAILS

Supply type	24 V DC constant voltage, safe extra-low voltage (SELV)
Electrical class	Class III (runs only on SELV from a transformer)
Circuit board	3 oz white PCB
Coating	Silicone gel waterproof coating (IP65)
Start up	Instant start

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.