greenhse Technologies

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

SPEC SHEET
Product code: ST24V-16w-RGB-COB

16 W/m Dotless RGB COB LED Strip – 24 V

A full-colour, bright, dotless 24 V COB strip for cabinets, bulkheads, shelves and small recesses.



KEY FEATURES

- Full colour (RGB) – change colour by remote or smart app
- Dotless, even line of colour from 840 LEDs per metre
- Mixed white from all three colours
- Can be self cut with connectors, no waste up to 2m
- Smart app, Alexa and Google Home with a smart controller
- Runs 5 m from one end, or 10 m with power at both ends

IN THE BOX

- 1 × 16 W/m RGB COB strip in your chosen length
- Double-sided tape already on the back of the strip
- Transformer, 3-in-1 controller, remote and channel: sold separately or in a kit

SPECIFICATIONS

Power	16 W per metre
Input voltage	24 V DC (needs a 24 V transformer)
Light output	700 lm per metre (mixed white)
Colours	Full colour RGB
LEDs	840 LEDs per meter
Beam angle	120°
IP rating	IP20 – indoor, dry areas only
Dimmable	Yes, with a 3-in-1 RGB strip controller
Maximum run	5 m from one end; 10 m with power at both ends
Cut length	Can be self cut ,
Dimensions	10 mm x 1.2mm
Connections	+24V, R, G, B
Kit lengths	3, 5, 6, 8 or 10 m
Mounting	Double-sided tape, or in an aluminium channel
Lifespan	50,000 hours
Warranty	2 years limited (excludes physical damage)

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

16 W-m Dotless RGB COB LED Strip – 24 V

ABOUT THIS PRODUCT

A full colour RGB COB strip with 840 tiny LEDs per metre, giving a smooth, dot-free line of colour. Pick any colour, fade between colours or mix a soft white with a Greenhse 3-in-1 controller and remote, or use the smart controller for app and voice control. It suits cabinets, bulkheads, shelves, bars and small recesses indoors, and can be cut every 50 mm to fit. It runs on safe 24 V power from a Greenhse transformer and is for dry indoor areas.

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)
Wavelengths	Red 620 to 630 nm, green 515 to 525 nm, blue 455 to 465 nm
Circuit board	Double-layer 3 oz copper PCB

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.