greenhse Technologies

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

SPEC SHEET
Product code: NEON-RGB-SPI-IP66

RGB SPI Neon Flex 12×12 mm – 24 V, Side Bend

A 24 V weatherproof neon-look flexible light in programmable full colour, for signs, food trucks, feature walls and shop fit-outs.



KEY FEATURES

- Smooth neon look in full colour (RGB)
- Programmable (SPI) – colour chases and effects
- Bluetooth app control with an SPI controller – no WiFi needed
- 12 × 12 mm side-bend profile, 11 W per metre
- Weatherproof (IP66)
- Runs 5 m with single feed, or 10 m with dual feed

IN THE BOX

- 1 × RGB SPI neon flex in the length you ordered
- SPI controller, transformer and channel: sold separately or in a kit

SPECIFICATIONS

Power	11 W per metre
Input voltage	24 V DC (needs a 24 V transformer)
Light colour	RGB full colour
Control	SPI (digital) – needs an SPI controller
App control	Bluetooth (no WiFi needed)
Size	12 × 12 mm
Bend direction	Side bend
IP rating	IP66– weatherproof
Mounting	In a 12 × 12 mm neon aluminium channel
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)

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

RGB SPI Neon Flex 12×12 mm – 24 V, Side Bend

ABOUT THIS PRODUCT

A flexible neon-look light in programmable full colour. The 12 × 12 mm side-bend profile gives a smooth, glowing line with no visible dots and bends around letters, logos and curves. As an SPI (digital) light it can run colour chases and effects from a phone app over Bluetooth with an SPI controller. Weatherproof to IP66, it suits signs, food trucks, shopfronts and feature walls. Fit it in the matching Greenhse neon channel and power it from a Greenhse 24 V transformer.

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)
Beam angle	180°
Matching channel	Silver aluminium neon channel, 13 × 13 mm, white cover

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.