

## Strip Tec UK

Bespoke LED Strip Lighting

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### Product Identification

Item	Details
Product Name	Strip Tec RGBW LED Strip 5050 Series
Model / SKU	ST-17WRGBW-65
Type	RGBW LED Strip Light (Flexible)
IP Rating	IP65 (Water-resistant, suitable for splash/damp / outdoor covered applications)

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### Electrical & Photometric Characteristics

Parameter	Value
Nominal Voltage	24 V DC
Power Consumption	17 W per metre
LED Density	60 LEDs per metre
Beam Angle	120° (approx.)
CRI	80–90 (white channel)

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### Mechanical & Physical Details

Parameter	Value
PCB Width	≈ 10 mm
PCB Type / Weight	Flexible PCB
Product Height	≈ 2 mm + IP65 coating
Cut-Points	Every 100 mm
Length Options	5 m, 10 m, 50 m reels

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Performance & Operating Conditions

Parameter	Value
Operating Temperature Range	-20 °C to +45 °C
Max Run Length	10 metres (at full load)
Maximum Wattage at Max Run	≈ 170 W (10 m run)

Additional Features & Compatibility

Item	Details
Dimmability	Yes — compatible with PWM, RF, Bluetooth, 0-10V, Triac, DALI, DMX, WiFi controllers
Self-Adhesive Backing	3M adhesive backing + IP65 protective coating
Bend Direction	Vertical
Warranty	3 years

Usage & Installation Notes

- Suitable for damp environments (kitchens, bathrooms, outdoor under cover). Not for full submersion.
- Seal cut ends to maintain IP65 rating after trimming.
- Mount in aluminium profile to aid heat dissipation and provide extra protection.
- Use correctly rated RGBW controller and power supply, allowing 10–20% overhead.
- Use adequate gauge wiring for longer runs to avoid voltage drop.

Summary

The Strip Tec IP65 24V 5050 RGBW LED Strip (17 W/m) offers a versatile, weather-resistant lighting solution combining full RGB colour with a dedicated white channel. With reliable performance, IP65 protection, and cut-points every 100 mm, it is ideal for indoor damp or outdoor covered applications such as accent, signage, border, or decorative lighting.