

## StripTec UK – Technical Specification Sheet

### Product: 8W IP65 Horizontal Bend LED Neon Flex – 8×16mm

**Product Code:** NEON-816

**Voltage:** 24V DC

**Power Consumption:** 8W/m

**Light Output:** 460lm/m

**LED Source:** SMD2835

**LED Density:** 120 LEDs/m

**Beam Angle:** 120°

**Dimensions:** 8mm × 16mm

**Ingress Protection:** IP65

**Dimmable:** Yes (with compatible 24V driver)

**Colour Temperature Options:** 3000K / 4000K / 6000K

**Cut Length:** Every 0.5m

**Warranty:** 1 Year

**Lifespan:** Up to 30,000 hours

**Certifications:** CE, UKCA, RoHS

**Package Includes:** 1 × Accessory Pack (included per ordered length)

### Features & Applications

- Flexible horizontal bend design for continuous light lines.
- Smooth, diffused illumination with no visible LED points.
- Suitable for indoor and outdoor accent lighting, signage, and architectural details.
- Weather-resistant and UV stable (IP65 rated).
- Not for underwater or poolside installations.

### Installation Notes

- Use constant voltage 24V DC driver.
- Ensure sealing of end-caps and connectors with silicone when used outdoors.
- Cut only at marked 0.5m intervals.
- Use recommended accessory packs for joints, bends, and mounting.
- Keep away from direct heat sources and provide ventilation in enclosed profiles.

### Technical Data Summary

| Parameter | Value |
|-----------|-------|
|-----------|-------|

|                    |                       |
|--------------------|-----------------------|
| Supply Voltage     | 24V DC                |
| Power              | 8W/m                  |
| Light Output       | 460 lm/m              |
| LED Density        | 120 LEDs/m            |
| Beam Angle         | 120°                  |
| Dimensions         | 8×16 mm               |
| IP Rating          | IP65                  |
| Colour Temperature | 3000K / 4000K / 6000K |
| Cut Interval       | Every 0.5 m           |
| Lifespan           | Up to 30,000 hours    |
| Warranty           | 1 Year                |

## Ordering Information

- Choose required length: 1m, 3m, 5m, 10m, 15m, 25m, or 50m.
- Select colour temperature (3000K, 4000K, 6000K).
- Use with a compatible 24V constant voltage driver.
- Accessories and mounting profiles available separately.

For technical support, please contact:

**StripTec UK Technical Department**

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