# 12V SUPER BRIGHT LED TAPE, NEUTRAL WHITE 4000K, 120 LEDS P/M, IP65 (5M REEL)

**| SKU: TL043NW120IP65**

## ULTRA LEDS

🔗 ultraleds.co.uk

📞 0800 088 3300

✉ orders@ultraleds.co.uk

## FEATURES & BENEFITS

- Ideal for professional long-term installations where performance and durability is key

- High quality, high brightness

- High brightness with the 2835 LED Chip

- 150mm 2-core cable pre-soldered on each end

- Need a custom length? We can cut our tapes to your exact specification

| IP65 | 4000 K | 12V | CE EMC | CE LVD | RoHs | 3YR Guarantee |
|------|--------|-----|--------|--------|------|---------------|

## TECHNICAL INFORMATION

### Tape Specifications

| | |
|---|---|
| SKU Code | TL043NW120IP65 |
| Voltage | 12V |
| Watts p/M | 21W p/M |
| No. of LEDs p/M | 120 LEDs |
| Colour | Neutral White |
| Colour Temperature | 4000K |
| IP Rating | IP65 |
| Lumens p/M | 2350LM |
| Lumens p/W | 111vLM |
| LED Chip Type | 2835 SAN AN |
| LED Chip Size | 2.8mm x 3.5mm |
| Beam Angle | 120° |
| CRI | >80 |
| PCB Width | 10mm + 2mm Silicone |
| PCB Thickness | 1.2mm + 2mm Silicone |
| Cut Points | Every 2.5cm |
| Operating Temp | -40°C to +40°C |
| Average Lifespan | Upto 25000 Hours |
| Certification | CE-EMC CE-LVD RoHs |
| Guarantee | 3 Years |

### Driver Requirements

| | |
|---|---|
| 1 Metre | > 22W |
| 2 Metres | > 43W |
| 3 Metres | > 64W |
| 4 Metres | > 85W |
| 5 Metres | > 105W |

## DESCRIPTION

Our Professional Super Bright tapes are manufactured using the highest-quality chips producing lower light degradation and offering premium colour rendering. Printed on a thicker 2oz. PCB to help with heat dissipation, these tapes come with a strong 300 LSE 3M tape backing and have 2-core cables pre-soldered at both ends of the reel ready for hard wiring in to the compatible driver.

**Maximum runs of up to 8 metres** can be achieved with this tape before visible voltage drops occur.
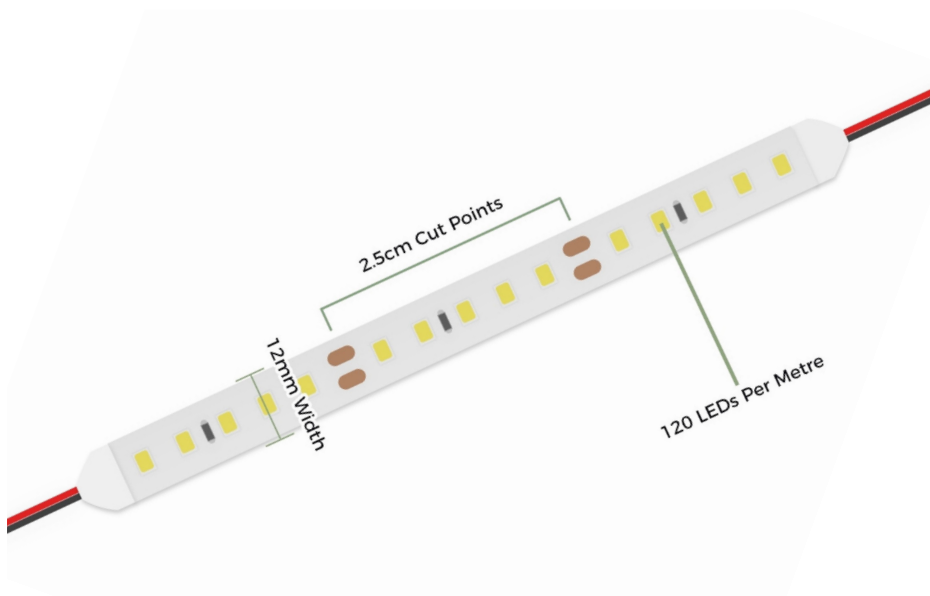
**Please note:** A silicone end cap must be glued on to reseal the end once the tape is cut to maintain its IP rating. End cap kits sold separately.

**What Driver do I need?**

To work out what driver you will need for each length of LED you can simply multiply the wattage of the tape by the length of LED strip you will be using, this will give you the total wattage the LED strip requires, then simply choose a driver which is at least 10% above this figure.

**How do I connect?**

The 2-core tail can be hard wired into the terminals of the compatible driver. For a plug and play system please request a bespoke quote. You can also solder director to the PCB Pads. **Warning:** Not suitable for clip on connectors.



**TAPE DIAGRAM**