

# 24V EASY TO USE BRIGHT PLUS LED TAPE, COOL WHITE 6000K, 120 LEDS P/M, IP20 (5M REEL)

| SKU: UL2835CW120/24V



ULTRA LEDs

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## FEATURES & BENEFITS

- Versatile tape ideal for both domestic and commercial installations
- Energy efficient
- High brightness with the 2835 LED Chip
- Comes with a 500mm Easy to Use Syndeo connector
- Need a custom length?  
We can cut our tapes to your exact specification

IP20

6000  
K

24V

CE  
EMC

CE  
LVD

RoHs

3YR  
Guarantee

## TECHNICAL INFORMATION

### Tape Specifications

|                    |                    |
|--------------------|--------------------|
| SKU Code           | UL2835CW120/24V    |
| Voltage            | 24V                |
| Watts p/M          | 9.6W p/M           |
| No. of LEDs p/M    | 120 LEDs           |
| Current            | 0.4A p/M   2A p/5M |
| Colour             | Cool White         |
| Colour Temperature | 6000K              |
| IP Rating          | IP20               |
| Lumens p/M         | 1200LM             |
| Lumens p/W         | 100LM              |
| LED Chip Type      | 2835               |
| LED Chip Size      | 2.8mm x 3.5mm      |
| Beam Angle         | 120°               |
| CRI                | 90                 |
| PCB Width          | 8mm                |
| PCB Thickness      | 1.2mm              |
| Cut Points         | Every 5cm          |
| Operating Temp     | -20°C to +60°C     |
| Average Lifespan   | Upto 25000 Hours   |
| Certification      | CE-EMC CE-LVD RoHs |
| Guarantee          | 3 Years            |

### Driver Requirements

|          |       |
|----------|-------|
| 1 Metre  | > 11W |
| 2 Metres | > 22W |
| 3 Metres | > 32W |
| 4 Metres | > 43W |
| 5 Metres | > 53W |

## DESCRIPTION

This robust tape can be cut to any desired length at any of the allocated cut points, and can be extended if required. The tail on each end ensures you can use two runs of our tape with the compatible Syndeo multiport driver, minimising waste. If there is a requirement for the strip tape to be cut into several sections we also offer additional plug & play snap connectors to accompany this.

**Maximum runs of up to 8 metres** can be achieved with this tape before visible voltage drops occur.

Bright Plus LED Strips use a more efficient 2835 chip, producing more lumens per watt than old style legacy strip lights currently offered in the mass market today.

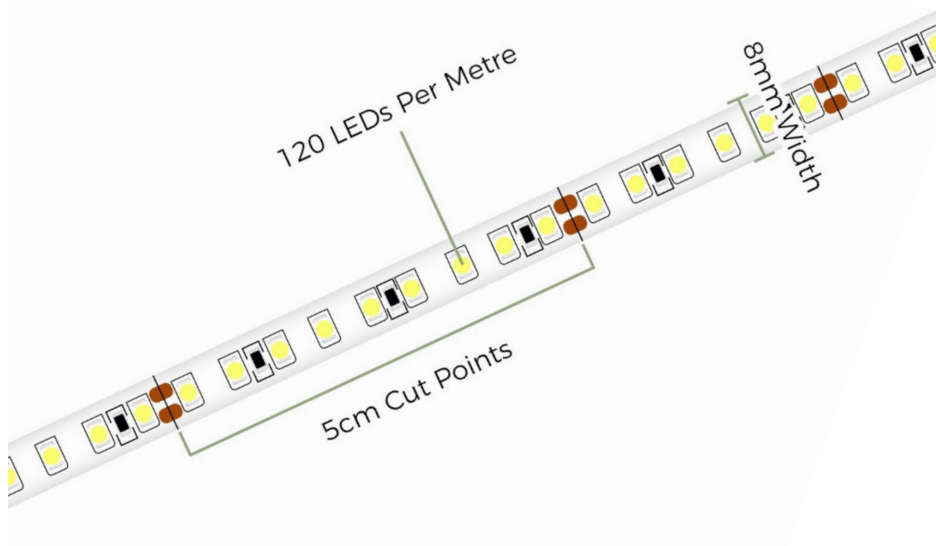
24V strip tape works from a 240v mains circuit when being powered by a compatible transformer. Alternatively, the strip units can be wired to a dedicated 24V DC circuit without the need for a transformer. To guarantee the highest efficiency, we advise that you change your existing transformers to LED Drivers guaranteeing compatibility. Please see our quick driver guide below:

### What Driver do I need?

We have many easy to use compatible drivers available in various wattages. 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.

For this tape range you will require a driver which is above the below figures.

|                         |                         |
|-------------------------|-------------------------|
| 1 metre - More than 11w | 2 metre - More than 22w |
| 3 metre - More than 32w | 4 metre - More than 43w |
| 5 metre - More than 53w |                         |



**TAPE DIAGRAM**