

# 24V SUPER BRIGHT LED TAPE, VERY WARM WHITE 2700K, 1820LM P/M, 120 LEDS P/M, IP65 (5M REEL)

| SKU: TL032VW120IP65M

# tagra®

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## 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

2700  
K

24V

CE  
EMC

CE  
LVD

RoHs

3YR  
Guarantee

## TECHNICAL INFORMATION

### Tape Specifications

SKU Code	TL032VW120IP65M
Voltage	24V
Watts p/M	21W p/M
No. of LEDs p/M	120 LEDs
Colour	Very Warm White
Colour Temperature	2700K
IP Rating	IP65
Lumens p/M	1820LM
Lumens p/W	100LM
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 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.

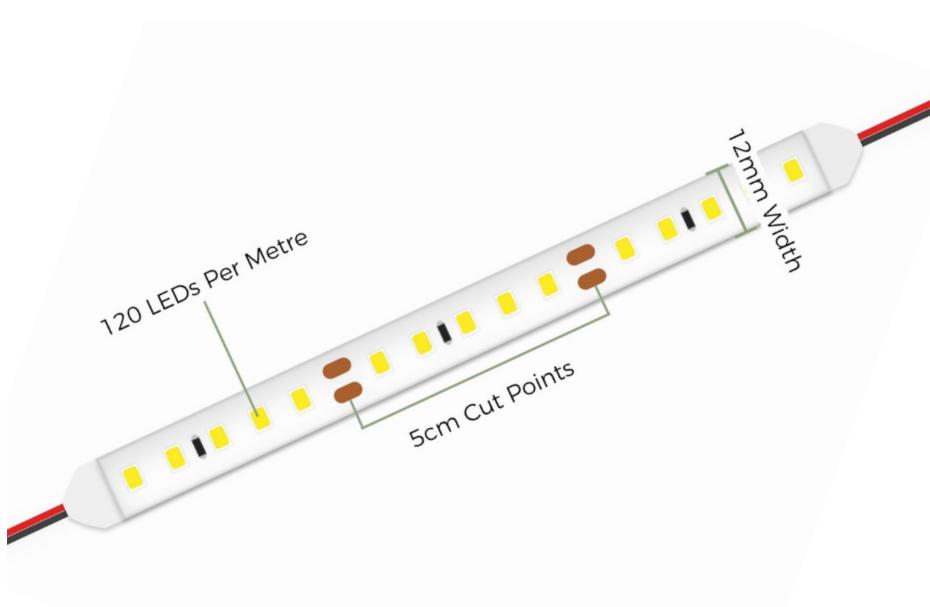
**Please note:** A silicone end cap must be glued on to reseal the end once the tape is cut to maintain its IP rating. End cap kits sold separately.

### 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**