

# 24V PRO BRIGHT LED TAPE, RGB + WARM WHITE 3000K + COOL WHITE 6000K COLOUR CHANGING, 60 LEDS P/M, IP20 (5M REEL)

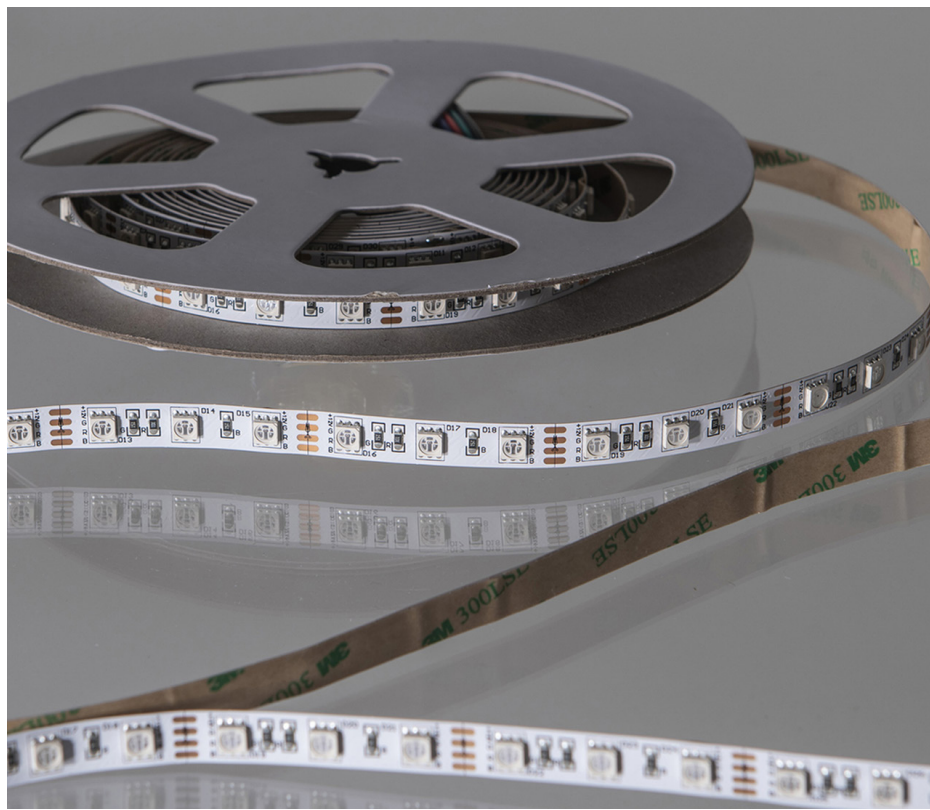
| SKU: TL023RGBWWCW605M24V

# tagra®

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## FEATURES & BENEFITS

- High quality light output ideal for professional long-term installations where performance and durability is key.
- Energy efficient
- High brightness with the SMD 5050 LED Chip
- Need a custom length? We can cut our tapes to your exact specification

IP20



24V



## TECHNICAL INFORMATION

### Tape Specifications

|                  |   |
|------------------|---|
| SKU Code         | TL023RGBWWCW605M24V                                   |
| Voltage          | 24V   |
| Watts p/M        | 18W p/M   |
| No. of LEDs p/M  | 60 LEDs   |
| Current          | 0.75A p/M   |
| Colour           | RGB+WW3000K+CW6000K                                   |
| IP Rating        | IP20  |
| Colour Temps     | Red: 620-625nm<br>Green: 510-525nm<br>Blue: 455-465nm |
| LED Chip Type    | SMD 5050  |
| LED Chip Size    | 5mm x 5mm   |
| Beam Angle       | 120°  |
| CRI              | >80   |
| PCB Width        | 14mm  |
| PCB Thickness    | 2.5mm   |
| 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  | > 25W |
| 2 Metres | > 36W |
| 3 Metres | > 50W |
| 4 Metres | > 60W |
| 5 Metres | > 80W |

## DESCRIPTION

Our Professional Pro 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 4 core cables pre-soldered at both ends of the reel ready for hard wiring in to the compatible RGB controller.

Plug and Play solutions are also available upon request. Please get in touch with us to discuss any requirements.

This 5 metre reel can be cut to your desired length at any of the allocated cut points.

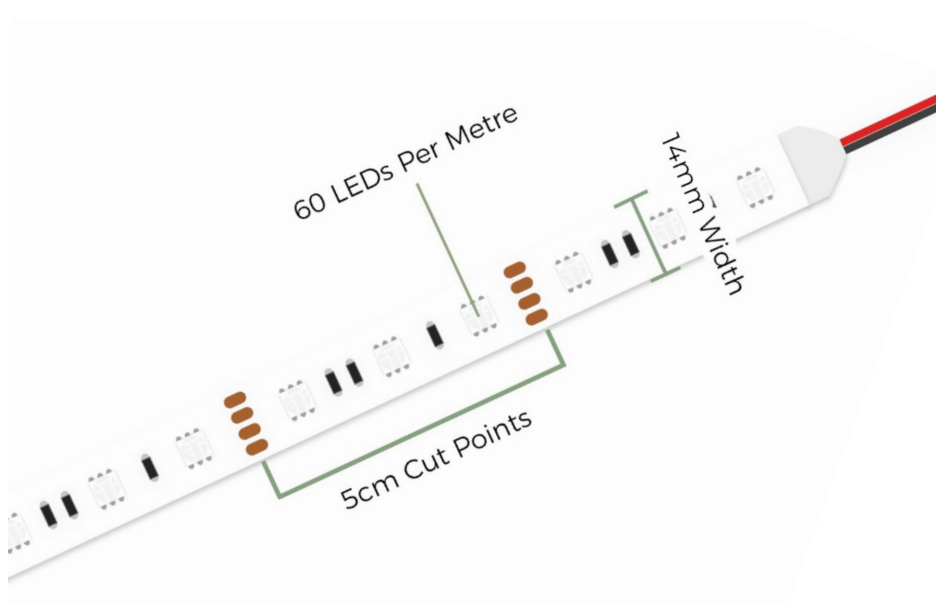
All Pro Bright RGB tapes are sold with a three-year guarantee for peace of mind.

### 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 25w | 2 metre - More than 36w |
| 3 metre - More than 50w | 4 metre - More than 60w |
| 5 metre - More than 80w |                         |



**TAPE DIAGRAM**