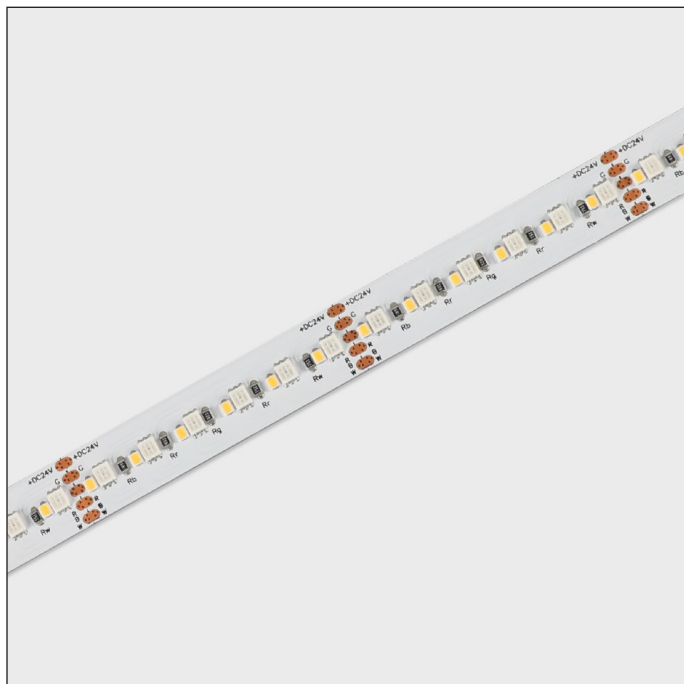


## Professional High Definition Series LED Strip Light

24V - 240 LEDs per metre - RGB+W - IP20

**tagra®**

**SKU: HD24-RGBW5M**



**24V**

**240**  
LEDs/m

**20.0**  
Watts/m

**50**  
(mm)  
Cut Point

**7YR**  
Warranty

### Key Features

- Available in RGB+1800K, RGB+2700K, RGB+3000K, RGB+4000K & RGB+6500K
- 50mm Cut Points
- 240 LEDs per metre
- Up to 1109 Lumens per metre
- <3 SDCM
- Available in 5M reels
- 7 Year Warranty

### Electrical Data

| Voltage | Max. Current | Typ. Current | Current 5M | Max. Power | Typ. Wattage | Power 5M |
|---------|--------------|--------------|------------|------------|--------------|----------|
| 24V     | 0.83A/m      | 0.83A/m      | 4.1A       | 20.0W/m    | 20.0W/m      | 100.0W   |

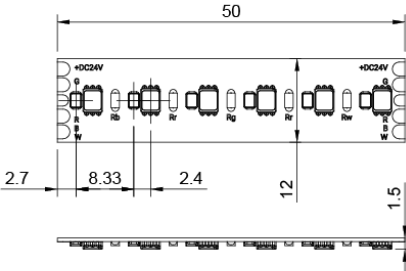
### Photometric Data

| Colour Temperature   | CCT/Wavelength | Lumens/m | LED Chip   | LEDs/m      | LEDs/unit  |
|----------------------|----------------|----------|------------|-------------|------------|
| RGB+Extra Warm White | RGB+1800K      | 946lm    | 2835+2216  | 240 LEDS    | 12 LEDs    |
| RGB+Very Warm White  | RGB+2700K      | 1065lm   | Cut Points | CRI         | Beam Angle |
| RGB+Warm White       | RGB+3000K      | 1102lm   | 50mm       | -           | 120°       |
| RGB+Neutral White    | RGB+4000K      | 1109lm   | SDCM       | Dimmable    | IC Type    |
| RGB+Cool White       | RGB+6500K      | 1095lm   | <3         | Yes         |            |
|                      |                |          | Pixels/m   | Pixels/unit | PWM Rate   |
|                      |                |          |            |             |            |

### Mechanical Data

| Min. Bend Diameter | Mounting      | Cable Length | Cable End             | Cable Type | Wire Colours |
|--------------------|---------------|--------------|-----------------------|------------|--------------|
| Ø 60mm             | 3M Adhesive   | 500mm        | Tinned Ends           | 20AWG      | BLACK V+ DC  |
| IP Rating          | PCB Weight    | PCB Colour   | Operating Temperature |            |              |
| IP20               | 2oz           | White        | -5°C ~ +40°C          |            |              |
|                    |               |              |                       |            | RED R-       |
|                    |               |              |                       |            | GREEN G-     |
|                    |               |              |                       |            | BLUE B-      |
|                    |               |              |                       |            | WHITE W-     |
|                    |               |              |                       |            |              |
| Lifespan           | Energy Rating | Warranty     | Dimensions            |            |              |
| 50,000 hrs         | -             | 7 Years      | (IP20) W12 x H1.5mm   |            |              |

## Dimensions

|                                                                                   |  |
|-----------------------------------------------------------------------------------|--|
| IP20                                                                              |  |
|  |  |

## Available SKUs

| SKU           | CCT       | IP Rating | Length |
|---------------|-----------|-----------|--------|
| HD24-RGB18K5M | RGB+1800K | IP20      | 5M     |
| HD24-RGB27K5M | RGB+2700K | IP20      | 5M     |
| HD24-RGB3K5M  | RGB+3000K | IP20      | 5M     |
| HD24-RGB4K5M  | RGB+4000K | IP20      | 5M     |
| HD24-RGB65K5M | RGB+6500K | IP20      | 5M     |

## Recommended Profiles Non-Spotting

| SKU        | Lengths | Install Type           | Colours              | Diffusers          |
|------------|---------|------------------------|----------------------|--------------------|
| CHAN-3030  | 2M, 3M  | Surface Mount, Corner  | Silver               | Semi-Clear, Opal   |
| 6114       | 2M, 3M  | Plaster-In             | Silver               | Semi-Clear, Opal   |
| 9818       | 2M, 3M  | Plaster-In             | Silver               | Semi-Clear, Opal   |
| CHAN-20168 | 2M, 3M  | Surface Mount          | Silver               | Semi-Clear, Opal   |
| 3030CIRC   | 2M, 3M  | Suspend                | Silver               | Opal               |
| 3535R3     | 2M, 3M  | Surface Mount, Suspend | Silver, Black        | Semi-Clear, Opal   |
| CHAN-2320  | 2M, 3M  | Recessed               | Silver, Black, White | Opal, Smoked Black |
| CHAN-2321  | 2M, 3M  | Plaster-In             | Silver               | Opal, Smoked Black |
| CHAN-2325  | 2M, 3M  | Surface Mount, Suspend | Silver, Black, White | Opal, Smoked Black |
| 2030SCD    | 2M, 3M  | Surface Mount          | Silver               | Semi-Clear         |
| 2016       | 2M, 3M  | Surface Mount          | Silver               | Semi-Clear, Opal   |
| 4714SCD    | 2M, 3M  | Plaster-In             | Silver               | Opal               |
| 2023SCD    | 2M, 3M  | Surface Mount          | Silver               | Semi-Clear, Opal   |
| 8570SCD    | 2M, 3M  | Plaster-In             | Silver               | Opal               |

**Recommended Accessories/Products**

| Type       | IP Rating | SKU                 | Colour/Material | Note               |
|------------|-----------|---------------------|-----------------|--------------------|
| Cable      | IP20      | TC5C.5              | Black, White    | 5 Core Cable       |
| Controller | IP20      | RGBW4CHDIM          | Metal           | Dimming Controller |
| Controller | IP20      | PSCONN-5IN1WIFIRCVR | White           | App Control        |
|            |           |                     |                 |                    |
|            |           |                     |                 |                    |
|            |           |                     |                 |                    |

**Recommended Drivers**

| Type       | IP Rating | SKU             | Dimmable | Brand |
|------------|-----------|-----------------|----------|-------|
| LED Driver | IP20      | TAG24V150W-S    | No       | Tagra |
| LED Driver | IP20      | TAGTRIAC24V150W | Yes      | Tagra |
| LED Driver | IP67      | TAG24V150WIP67  | No       | Tagra |