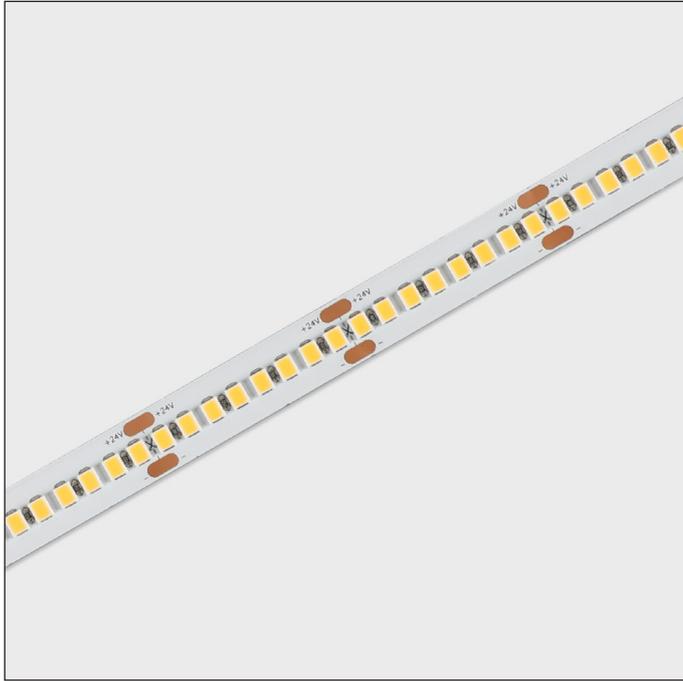


## Professional High Definition Series LED Strip Light

24V - 240 LEDs per metre - IP20

tagra®

SKU: HD24-5M



24V

240  
LEDs/m

20.0  
Watts/m

33.33  
(mm)  
Cut Point

7YR  
Warranty

### Key Features

- Available in 2700K, 3000K, 4000K & 6500K
- 33.33mm Cut Points
- 240 LEDs per metre
- Up to 2400 Lumens per metre
- >97 CRI
- <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     | 0.9A/m       | 0.83A/m      | 4.1A       | 22.0W/m    | 20.0W/m      | 100.0W   |

### Photometric Data

| Colour Temperature | CCT/Wavelength | Lumens/m |
|--------------------|----------------|----------|
| Very Warm White    | 2700K          | 2180lm   |
| Warm White         | 3000K          | 2294lm   |
| Neutral White      | 4000K          | 2400lm   |
| Cool White         | 6500K          | 2400lm   |
|                    |                |          |
|                    |                |          |
|                    |                |          |

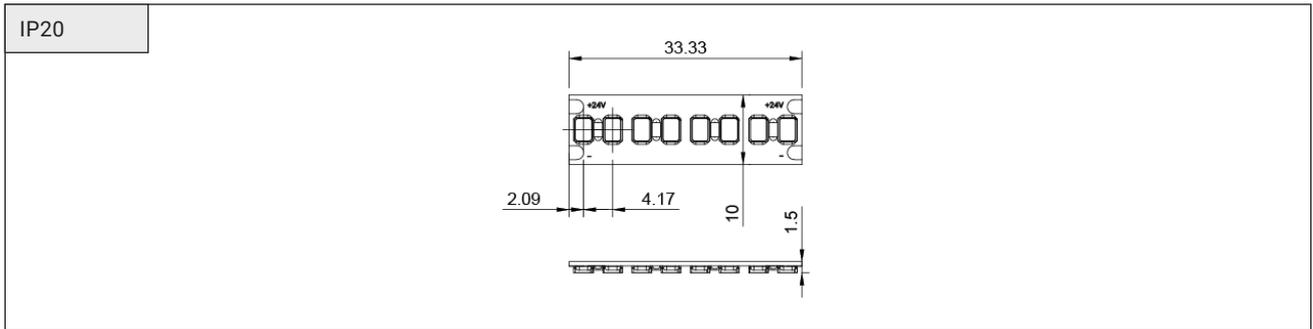
| LED Chip   | LEDs/m      | LEDs/unit  |
|------------|-------------|------------|
| 2835       | 240 LEDS    | 8 LEDs     |
| Cut Points | CRI         | Beam Angle |
| 33.33mm    | >97         | 120°       |
| SDCM       | Dimmable    | IC Type    |
| <3         | Yes         |            |
| Pixels/m   | Pixels/unit | PWM Rate   |
|            |             |            |

### Mechanical Data

| Min. Bend Diameter | Mounting      | Cable Length | Cable End             | Cable Type |
|--------------------|---------------|--------------|-----------------------|------------|
| Ø 60mm             | 3M Adhesive   | 500mm        | Tinned Ends           | 20AWG      |
| IP Rating          | PCB Weight    | PCB Colour   | Operating Temperature |            |
| IP20               | 3oz           | White        | -5°C ~ +40°C          |            |
| Lifespan           | Energy Rating | Warranty     | Dimensions            |            |
| 50,000 hrs         | E             | 7 Years      | (IP20) W10 x H1.5mm   |            |

| Wire Colours |            |
|--------------|------------|
| RED          | V+ DC      |
| BLACK        | Ground GND |
|              |            |
|              |            |
|              |            |

## Dimensions



## Available SKUs

| SKU        | CCT   | IP Rating | Length |
|------------|-------|-----------|--------|
| HD24-27K5M | 2700K | IP20      | 5M     |
| HD24-3K5M  | 3000K | IP20      | 5M     |
| HD24-4K5M  | 4000K | IP20      | 5M     |
| HD24-65K5M | 6500K | IP20      | 5M     |

**Recommended Profiles Non-Spotting**

| SKU         | Lengths | Install Type           | Colours              | Diffusers               |
|-------------|---------|------------------------|----------------------|-------------------------|
| 2193        | 2M, 3M  | Recessed               | Silver, Black, White | Semi-Clear, Opal, Black |
| 113113      | 2M, 3M  | Surface Mount, Corner  | Silver, Black, White | Semi-Clear, Opal        |
| CHAN-178    | 2M, 3M  | Surface Mount          | Silver, Black, White | Semi-Clear, Opal, Black |
| 188IP65     | 2M, 3M  | Surface Mount          | Silver               | Semi-Clear              |
| CHAN-1616   | 2M, 3M  | Surface Mount, Corner  | Silver, Black, White | Semi-Clear, Opal, Black |
| 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        |
| CHAN-23145  | 2M, 3M  | Recessed               | Silver               | Semi-Clear, Opal        |
| CHAN-171145 | 2M, 3M  | Surface Mount          | Silver, Black, White | Semi-Clear, Opal        |
| CORPROIP65  | 2M, 3M  | Surface Mount          | Silver               | Semi-Clear              |
| 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              |
| 2621SC      | 2M, 3M  | Walkover               | Silver               | Semi-Clear              |
| 2016        | 2M, 3M  | Surface Mount          | Silver               | Semi-Clear, Opal        |
| 4714SCD     | 2M      | Plaster-In             | Silver               | Opal                    |
| 2023SCD     | 2M, 3M  | Surface Mount          | Silver               | Semi-Clear, Opal        |
| 4822SCD     | 2M, 3M  | Plaster-In             | Silver               | Semi-Clear              |
| 4425SCD     | 2M, 3M  | Plaster-In             | Silver               | Semi-Clear              |
| 8570SCD     | 2M, 3M  | Plaster-In             | Silver               | Semi-Clear              |
| 3613SC      | 2M, 3M  | Plaster-In             | Silver               | Semi-Clear              |
| 1896SCD     | 2M, 3M  | Plaster-In             | Silver               | Semi-Clear              |

**Recommended Accessories/Products**

| Type       | IP Rating | SKU                 | Colour/Material | Note         |
|------------|-----------|---------------------|-----------------|--------------|
| Cable      | IP20      | TC2C.5              | Black, White    | 2 Core Cable |
| Controller | IP20      | USCZONESP-V2        | White           | RF Receiver  |
| 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 |