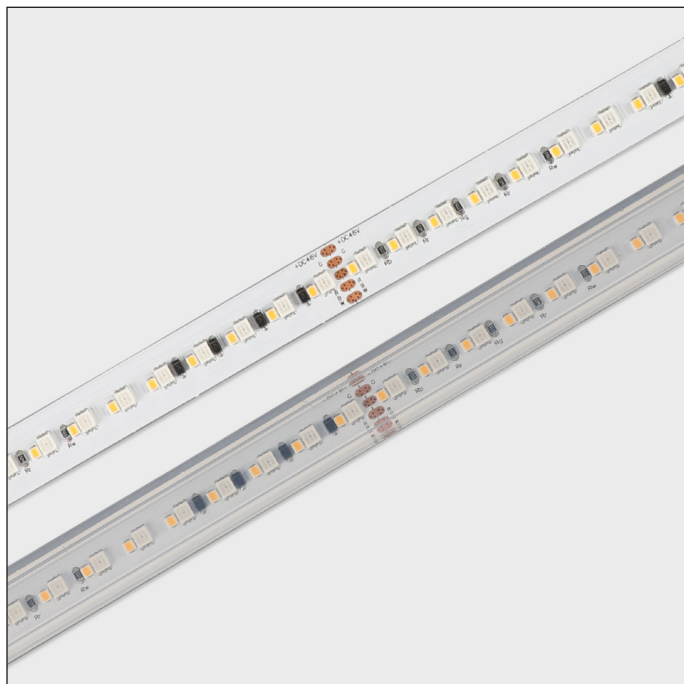


## Professional 48V Long Run Series LED Strip Light

48V - 240 LEDs per metre - RGB+W - IP20/IP67

tagra®

SKU: LR48-15M



48V

240  
LEDs/m

19.2  
Watts/m

100  
(mm)  
Cut Point

7YR  
Warranty

### Key Features

- Available in RGB+3000K & RGB+6500K
- 100mm Cut Points
- 240 LEDs per metre
- Up to 1184 Lumens per metre
- >90 CRI
- <3 SDCM
- Available in 15M reels
- 7 Year Warranty

### Electrical Data

| Voltage | Max. Current | Typ. Current | Current 15M | Max. Power | Typ. Wattage | Power 15M |
|---------|--------------|--------------|-------------|------------|--------------|-----------|
| 48V     | 0.43A/m      | 0.4A/m       | 6.0A        | 21.0W/m    | 19.2W/m      | 288.0W    |

### Photometric Data

| Colour Temperature | CCT/Wavelength | Lumens/m | LED Chip   | LEDs/m      | LEDs/unit  |
|--------------------|----------------|----------|------------|-------------|------------|
| RGB+Warm White     | RGB+3000K      | 1128lm   | 2835+2216  | 240 LEDS    | 24 LEDs    |
| RGB+Cool White     | RGB+6500K      | 1184lm   | Cut Points | CRI         | Beam Angle |
|                    |                |          | 100mm      | >90         | 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          | Wire Colours |
|--------------------|---------------|--------------|-----------------------|---------------------|--------------|
| Ø 60mm             | 3M Adhesive   | 500mm        | Tinned Ends           | 20AWG               | BLACK V+ DC  |
| IP Rating          | PCB Weight    | PCB Colour   | Operating Temperature |                     |              |
| IP20/IP67          | 3oz           | 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 H1.8mm   | (IP67) W14 x H5.0mm |              |

## Dimensions

|      |  |
|------|--|
| IP20 |  |
| IP67 |  |

## Available SKUs

| SKU              | CCT       | IP Rating | Length |
|------------------|-----------|-----------|--------|
| LR48-RGB3K15M    | RGB+3000K | IP20      | 15M    |
| LR48-RGB65K15M   | RGB+6500K | IP20      | 15M    |
| LR48-RGB3K6715M  | RGB+3000K | IP67      | 15M    |
| LR48-RGB65K6715M | RGB+6500K | IP67      | 15M    |

### 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               |
|------------|-----------|---------------------|-----------------|--------------------|
| Connector  | IP20      | CONSOL-RGBW-12MM-TT | Plastic         | Strip to Strip     |
| Connector  | IP20      | CONSOL-RGBW-12MM-TW | Plastic         | Strip to Wire      |
| Connector  | IP20      | CONSOL-RGBW-12MM-CC | Plastic         | Corner             |
| Connector  | IP65      | CB-IP14MM-5BRIDGE   | Plastic         | Strip to Strip     |
| Connector  | IP65      | CB-IP14MM-5WIRE     | Plastic         | Strip to Wire      |
| Cable      | IP20      | TC5C.5              | Black, White    | 5 Core Cable       |
| Controller | IP20      | RGBW4CHDIM          | Metal           | Dimming Controller |

### Recommended Drivers

| Type       | IP Rating | SKU           | Dimmable | Brand     |
|------------|-----------|---------------|----------|-----------|
| LED Driver | IP67      | HLG-480H-48-A | No       | Mean Well |
| LED Driver | IP65      | HLG-600H-48-A | No       | Mean Well |