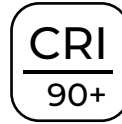


## White LED Strip Lights

High CRI Strip Light Specifications



### Available Models<sup>1</sup>

#### 12 VDC | 18 LEDs/ft

- |   |   |
|---|---|
| <input type="checkbox"/> STW-B-A27K90-C3F-10B5M-12V | <input type="checkbox"/> STW-B-A40K90-C3F-10B5M-12V |
| <input type="checkbox"/> STW-B-A30K90-C3F-10B5M-12V | <input type="checkbox"/> STW-B-A50K90-C3F-10B5M-12V |
| <input type="checkbox"/> STW-B-A35K90-C3F-10B5M-12V | <input type="checkbox"/> STW-B-A65K90-C3F-10B5M-12V |

#### 24 VDC | 18 LEDs/ft

- |   |   |
|---|---|
| <input type="checkbox"/> STW-B-A27K90-C6F-10B5M-24V | <input type="checkbox"/> STW-B-A40K90-C6F-10B5M-24V |
| <input type="checkbox"/> STW-B-A30K90-C6F-10B5M-24V | <input type="checkbox"/> STW-B-A50K90-C6F-10B5M-24V |
| <input type="checkbox"/> STW-B-A35K90-C6F-10B5M-24V | <input type="checkbox"/> STW-B-A65K90-C6F-10B5M-24V |

#### 24 VDC | 36 LEDs/ft

- |   |   |
|---|---|
| <input type="checkbox"/> STW-B-A27K90-C6F-10C5M-24V | <input type="checkbox"/> STW-B-A40K90-C6F-10C5M-24V |
| <input type="checkbox"/> STW-B-A30K90-C6F-10C5M-24V | <input type="checkbox"/> STW-B-A50K90-C6F-10C5M-24V |
| <input type="checkbox"/> STW-B-A35K90-C6F-10C5M-24V | <input type="checkbox"/> STW-B-A65K90-C6F-10C5M-24V |

### SAMPLE PART NUMBER BREAKDOWN

## STW-B-A27K90-C3F-10B5M-12V

| Series              | Strip Type          | CCT               |                   | CRI        | LED Type        | LEDs/Segment         | IP Rating   | Width       | LEDs/Meter         | Length          | Voltage           |
|---------------------|---------------------|-------------------|-------------------|------------|-----------------|----------------------|-------------|-------------|--------------------|-----------------|-------------------|
| <b>STW-B</b>        | <b>A</b>            | <b>27K</b>        |                   | <b>90</b>  | <b>C</b>        | <b>3</b>             | <b>F</b>    | <b>10</b>   | <b>B</b>           | <b>5M</b>       | <b>12V</b>        |
| <b>Weatherproof</b> | <b>Single White</b> | <b>27K: 2700K</b> | <b>40K: 4000K</b> | <b>90+</b> | <b>2835 SMD</b> | <b>3: 3 LEDs/seg</b> | <b>IP67</b> | <b>10mm</b> | <b>B: 60 LEDs</b>  | <b>5 meters</b> | <b>12: 12 VDC</b> |
|                     |                     | <b>30K: 3000K</b> | <b>50K: 5000K</b> |            |                 | <b>6: 6 LEDs/seg</b> |             |             | <b>C: 120 LEDs</b> |                 | <b>24: 24 VDC</b> |
|                     |                     | <b>35K: 3500K</b> | <b>65K: 6500K</b> |            |                 |                      |             |             |                    |                 |                   |

### Overview

This flexible LED strip light features a 90+ CRI rating, ensuring precise color rendering. It is available in multiple color temperatures to enhance the look of any space. It is entirely waterproof and has peel-and-stick 3M™ adhesive backing for easy mounting. It is backed by a lifetime warranty.

### Features

- IP67 waterproof rated
- 0-100% PWM dimmable
- 3M™ adhesive backing for surface mounting

### Product Details

- 90+ CRI for accurate color rendering
- 12V for vehicle applications; 24V for longer runs
- 12mm strip width
- LED lifetime >50000 hours

### Certifications and Compliances

- UL Listed - UL 2108 (IFDR)
- CE Compliant



### Applications

- Decks
- Hardscape Lighting
- Landscape Lighting
- Outdoor Accent Lights
- Outdoor Stair Lighting
- Pathways

### Warranty

- Lifetime warranty



# White LED Strip Lights

High CRI Strip Light Specifications

| SPECIFICATIONS                |  |                                  |                           |
|-------------------------------|--|----------------------------------|---------------------------|
| Model                         | STW-B-AxK90-C3F-10B5M-12V                                | STW-B-AxK90-C6F-10B5M-24V        | STW-B-AxK90-C6F-10C5M-24V |
| <b>PHOTOMETRIC</b>            |  |                                  |                           |
| Lumens per Foot               | 327 lm/ft  | 327 lm/ft                        | 404 lm/ft                 |
| Efficacy                      | 91 lm/W  | 91 lm/W                          | 96 lm/W                   |
| CCT                           | 2700K, 3000K, 3500K, 4000K, 5000K, or 6500K (as ordered) |                                  |                           |
| CRI                           | 90+  |                                  |                           |
| Beam Angle                    | 120°   |                                  |                           |
| <b>ELECTRICAL</b>             |  |                                  |                           |
| Operating Voltage             | 12 VDC   | 24 VDC                           | 24 VDC                    |
| Wattage                       | 59 Watts   | 59 Watts                         | 69 Watts                  |
| Wattage per Foot              | 3.6 W/ft   | 3.6 W/ft                         | 4.2 W/ft                  |
| Current Draw                  | 4.9A   | 2.5A                             | 2.9A                      |
| Current Draw per Foot         | 299 mA/ft  | 152 mA/ft                        | 177 mA/ft                 |
| Dimmer Type                   | PWM  |                                  |                           |
| <b>MECHANICAL</b>             |  |                                  |                           |
| Max Run (Class 2)             | 14.8 ft (4.5 m)  | 24.6 ft (7.5 m)                  | 21.3 ft (6.5 m)           |
| Minimum Cut Length            | 50mm (1.97in.)   | 100mm (3.9in.)                   | 50mm (1.97in.)            |
| LEDs per Segment              | 3  | 6                                | 6                         |
| LED Density                   | 18 LEDs/ft   | 18 LEDs/ft                       | 36 LEDs/ft                |
| PCB Width                     | 10mm (0.39in.)   |                                  |                           |
| Strip Width                   | 12mm (0.48in.)   |                                  |                           |
| Length                        | 16.4ft (5m)  |                                  |                           |
| LED Type                      | 2835 SMD   |                                  |                           |
| LED Lifetime                  | 50000 hours  |                                  |                           |
| Connection Type               | Input  | 5.5mm x 2.1mm DC Barrel, Pigtail |                           |
|                               | Output   | 5.5mm x 2.1mm DC Barrel          |                           |
| <b>ENVIRONMENTAL</b>          |  |                                  |                           |
| IP Rating                     | IP67   |                                  |                           |
| Environmental Rating          | Suitable for Wet Locations, Waterproof                   |                                  |                           |
| Ambient Operating Temperature | -20 to 60°C (-4 to 140°F)                                |                                  |                           |

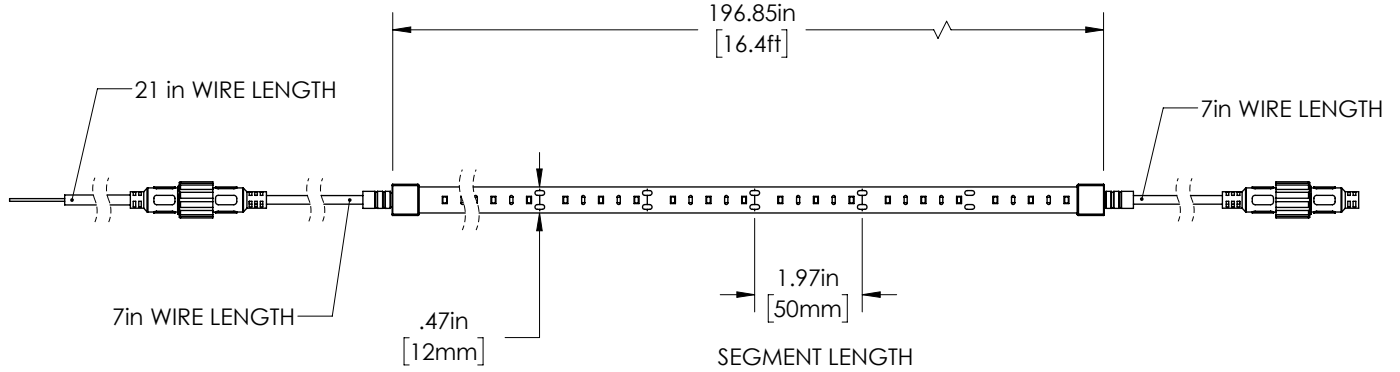


## White LED Strip Lights

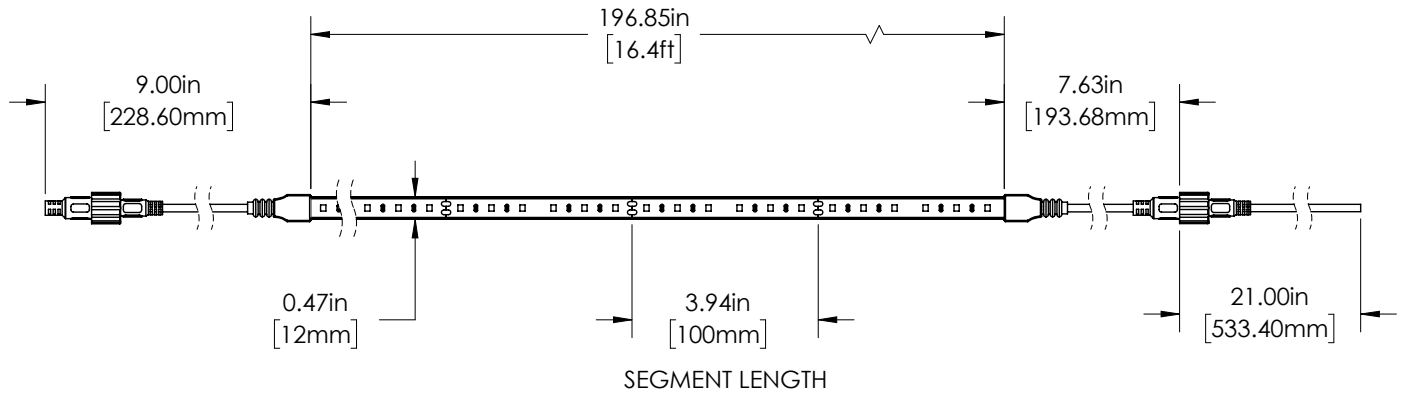
High CRI Strip Light Specifications

### Dimensional Drawings

STW-AxK90-C3F-10B5M-12V



STW-AxK90-C6F-10B5M-24V



Note: Strip thick -0.20in. (5.1mm)

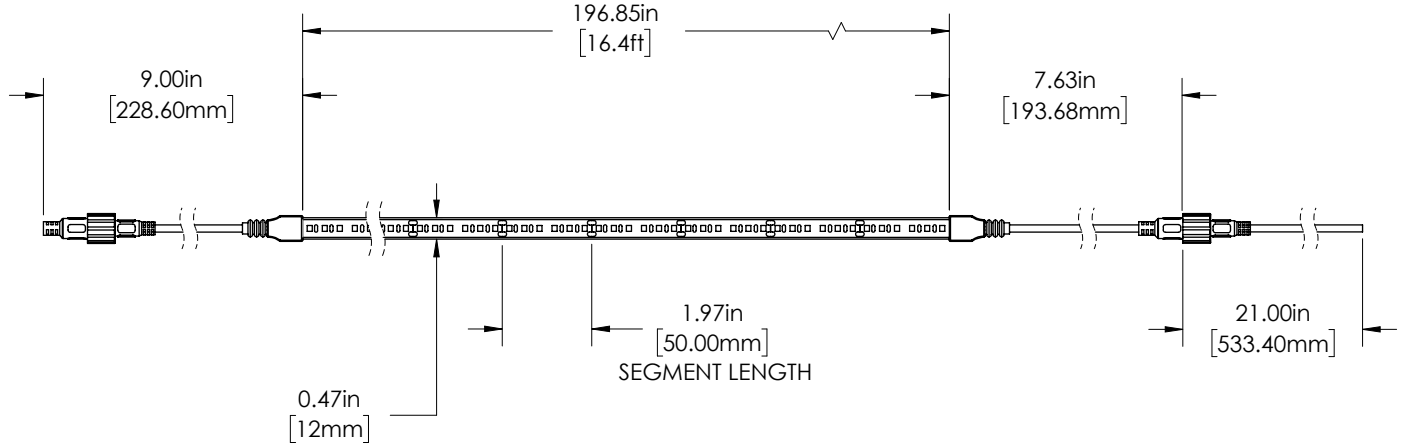


## White LED Strip Lights

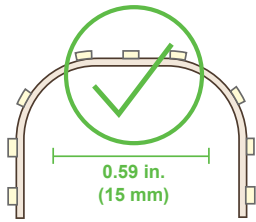
High CRI Strip Light Specifications

### Dimensional Drawings (cont.)

STW-AxK90-C6F-10C5M-24V

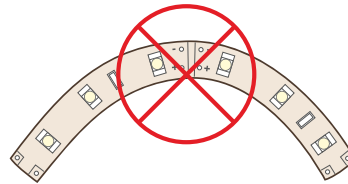
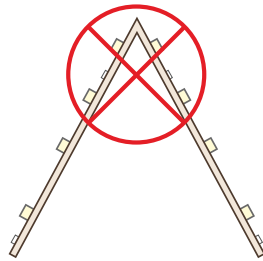


### Strip Flexibility



Bends less than 15mm will damage circuit traces and void warranty.

Bending strips at sharp angles will damage circuit traces and void warranty.



Bending strips on horizontal plane will damage circuit traces and void warranty.

