



**EC-IP64-Color-5m**



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

##### 12 VDC

- STW-B-BAMB-B3C-08B5M-12V
- STW-B-BBLU-B3C-08B5M-12V
- STW-B-BGRE-B3C-08B5M-12V
- STW-B-BRED-B3C-08B5M-12V
- STW-B-BULV-B3C-08B5M-12V

##### 24 VDC

- STW-B-BAMB-B6C-08B5M-24V

#### SAMPLE PART NUMBER BREAKDOWN

## STW-B-BAMB-B3C-08B5M-12V

Series	Strip Type	Color	LED Type	LEDs/Segment	IP Rating	Strip Width	Density	Length	Voltage
<b>STW-B</b>	<b>B</b>	<b>AMB</b>	<b>B</b>	<b>3</b>	<b>C</b>	<b>08</b>	<b>B</b>	<b>5M</b>	<b>12V</b>
Weatherproof	Single Color	AMB: Amber BLU: Blue GRE: Green RED: Red ULV: UV Blacklight	3528 SMD	3: 3 LEDs/seg 6: 6 LEDs/seg	IP64	8mm	60 LEDs/m	5 meters	12V: 12 VDC 24V: 24 VDC

#### Overview

This 5m single-color weatherproof LED strip light produces high-quality color tones for indirect decorative accent lighting. Each strip features an ultra-thin silicone coating with an IP64 weatherproof rating to protect the LEDs from water and debris. The 8mm wide strip is ideal for low-profile applications such as patio handrails and steps, or cove lighting. Peel-and-stick 3M™ adhesive backing enables fast, easy mounting. Cut points are located every 1.97-inches for 12V strips and every 3.9-inches for 24V strips.

#### Features

- IP64 Weatherproof rated for indoor/outdoor use
- Low-profile strip for indirect decorative lighting
- Cut points are located every 1.9" (12V) or 3.9" (24V)
- 0-100% PWM dimmable

#### Product Details

- Class 2 Max Run: 36.1 ft (12V), 59 ft (24V)
- Strip Width: 8mm
- PWM dimmable
- 3M™ adhesive backing
- Connection: pigtail

#### Certifications and Compliances

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



#### Applications

- Accent Lighting
- Backlighting
- Display Cases
- Retail Shops
- Sign Lighting
- Trade Shows

#### Warranty

- Lifetime Warranty



## Single Color LED Strip Lights

White LED Strip Specifications

SPECIFICATIONS		
Model	STW-B-Bx-B3C-08B5M-12V	STW-B-BAMB-B6C-08B5M-24V
<b>PHOTOMETRIC</b>		
LED Color <sup>2</sup>	Amber, Blue, Green, Red, or UV Blacklight	Amber
Wavelength		
Beam Angle	120°	
<b>ELECTRICAL</b>		
Operating Voltage	12 VDC	24 VDC
Current Draw	2A	1A
Current Draw per Foot	122 mA/ft	61 mA/ft
Wattage	24 Watts	
Wattage per Foot	1.5 W/ft	
Dimmer Type	PWM	
<b>MECHANICAL</b>		
Max Run (Class 2)	36.1 ft (11 m)	59 ft (18 m)
Minimum Cut Length	50mm (1.97in)	100mm (3.9in)
LEDs per Segment	3	6
LED Density	18 LEDS/ft	
Strip Width	8mm (0.31in.)	
Length	16.4ft (5m)	
Input Connection Type	Pigtail	
LED Type	3528 SMD	
LED Lifetime	50000 hours	
<b>ENVIRONMENTAL</b>		
IP Rating	IP64	
Environmental Rating	Suitable for Wet Locations, Weatherproof	
Ambient Operating Temperature	-20 to 60°C (-4 to 140°F)	

<sup>2</sup>Single color LEDs as ordered.

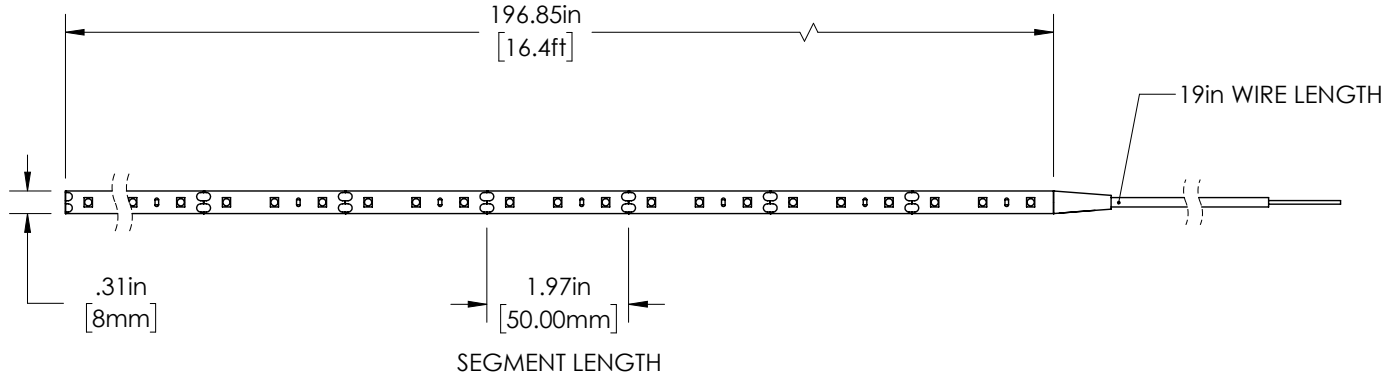


## Single Color LED Strip Lights

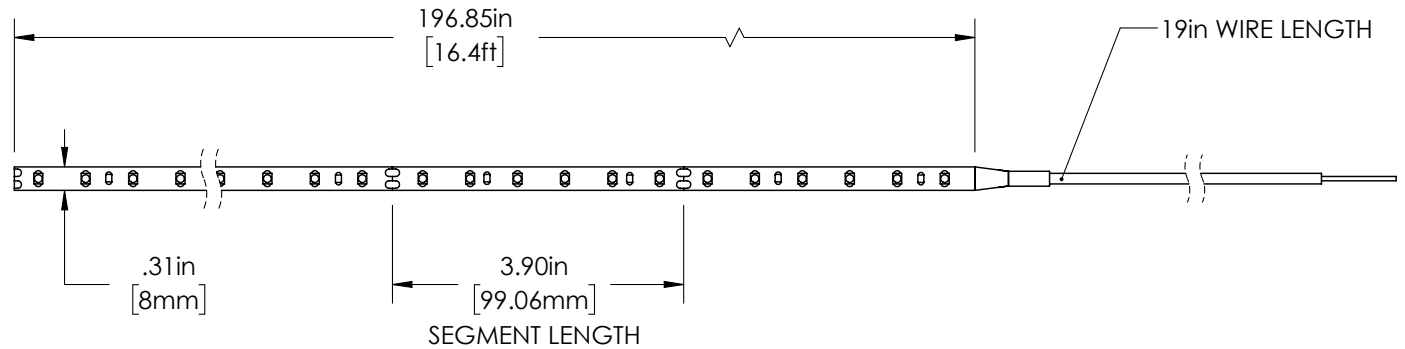
White LED Strip Specifications

### Dimensional Drawings

STW-B-Bx-B3C-08B5M-12V

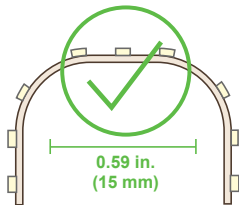


STW-B-Bx-B6C-08B5M-24V



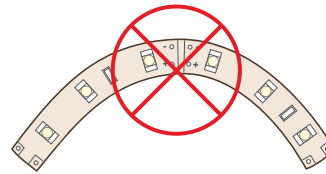
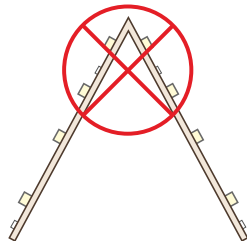
Note: Strip Thickness -0.12in. (3mm)

### 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.

