superbrightleds.com

Single Color LED Strip Lights

White LED Strip Specifications

Project _____

Date _____ Type _____

EC-IP65-Color-5m

Voltage 12 VDC | PWM Dimming | 120° Beam Angle | IP65 | Warranty Lifetime Warranty

Available Models[1]

- ☐ 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

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
STW-B	B	AMB	B	3	C	08	B	5M	12V
Water Resistant	Single Color	AMB: Amber BLU: Blue GRE: Green RED: Red ULV: UV Blacklight	3528 SMD	3 LEDs/seg	IP65	8mm	60 LEDs/m	5 meters	12 VDC

Overview

Our Eco Series 5m single-color water-resistant LED strip light is ideal for everyday accent lighting. It features an IP65 rating for water-resistant protection against dust and low-pressure water jets. This economical 12V strip light has 18 LEDs/ft and is offered in amber, blue, green, red, and ultraviolet for decorative lighting applications. This low-profile tape light has an 8mm (0.31in.) The 3M™ adhesive backing allows for easy installation with cut points every 50mm (1.97in.) for length customization.

Features

- IP65 rated for general purpose outdoor applications
- Low-profile perfect for indirect decorative lighting
- 0-100% dimmable for adjustable brightness
- Cut points are located every 50 mm (1.97 in.)

Product Details

- Class 2 Max Run: 11 m
- Strip Width: 8 mm
- PWM dimmable
- 3M™ adhesive backing
- Connection: pigtail
- 12 VDC input

Certifications and Compliances

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

UL LISTED CE

Applications

- Bathrooms
- Boats and Marine
- Cove Lighting
- Decks
- Mirror Backlighting
- Outdoor Accent Lights
- Outdoor Stair Lighting
- Patios
- RVs and Motorhomes
- Shelf Lighting

Warranty

- Lifetime Warranty

T 866.811.5550 | **F** 314.972.6202
https://www.superbrightleds.com
email: commercial-sales@superbrightleds.com

[1] Contact customer service if interested in other options.

Rev V2.2 Date: 09/04/2026
Specifications are subject to change without notice

Single Color LED Strip Lights

White LED Strip Specifications

SPECIFICATIONS					
Model	**STW-B-Bx-B3C-08B5M-12V**				
PHOTOMETRIC					
LED Color[2]	Amber	Blue	Green	Red	UV (Blacklight)
Wavelength	600 nm	470 nm	520 nm	620 nm	400 nm
Beam Angle	120°				
ELECTRICAL					
Operating Voltage	12 VDC				
Current Draw	2 A				
Current Draw per Foot	122 mA/ft				
Wattage	24 Watts				
Wattage per Foot	1.5 W/ft				
Dimmer Type	PWM				
MECHANICAL					
Max Run (Class 2)	36.1 ft (11 m)				
Minimum Cut Length	50 mm (1.97 in.)				
LEDs per Segment	3				
LED Density	18 LEDS/ft				
Strip Width	8 mm (0.31 in.)				
Length	16.4 ft (5 m)				
Input Connection Type	Pigtail				
Wire Gauge	22 AWG				
LED Type	3528 SMD				
LED Lifetime	50000 hours				
ENVIRONMENTAL					
IP Rating	IP65				
Environmental Rating	Suitable for Damp Locations				
Water Resistance	Water Resistant				
Ambient Operating Temperature	-20 to 60°C (-4 to 140°F)				

[2]Single color LEDs as ordered.

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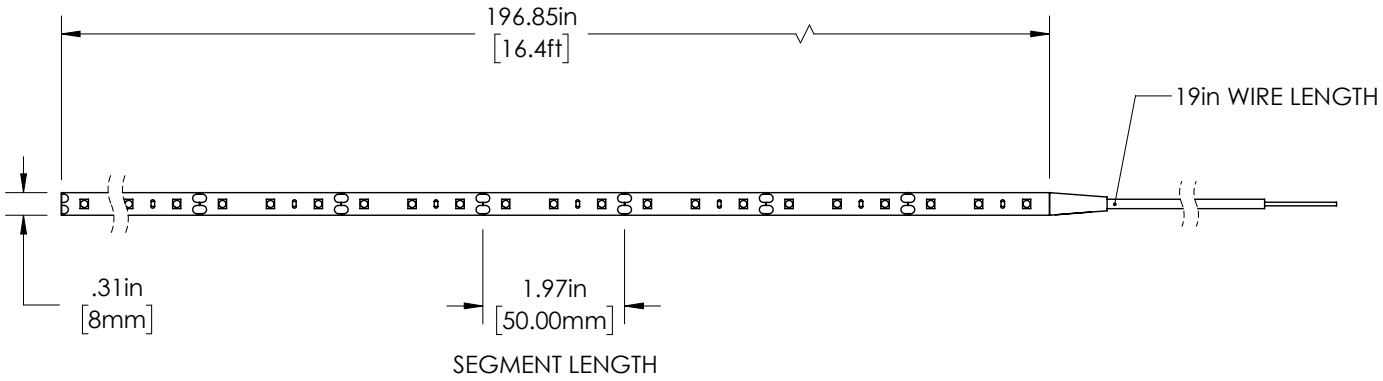
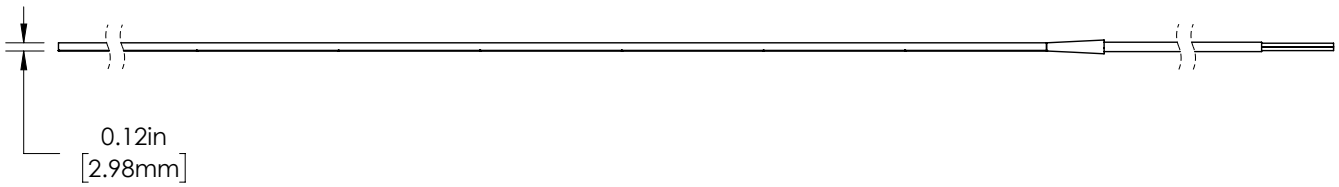
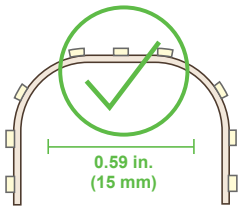
Dimensional Drawings

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



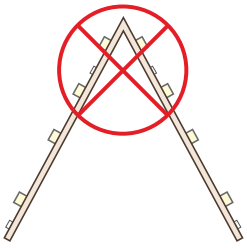


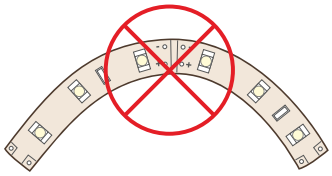
Strip Flexibility



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.

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