



HL-IP67-Color-TF-5m



Available Models¹

- STW-BYEL-C3F-10B5M-12V
- STW-BYEL-C6F-10B5M-24V

SAMPLE PART NUMBER BREAKDOWN

STW-BYEL-C3F-10B5M-12V

Series	Strip Type	Color	LED Type	LEDs/Segment	IP Rating	Width	Density	Length	Voltage
STW	B	YEL	C	3	F	10	B	5M	12V
Weatherproof	Single Color	Yellow (Amber)	2835 SMD	3: 3 LEDs/seg 6: 6 LEDs/seg	IP67	10mm	60 LEDs/m	5 meters	12: 12 VDC 24: 24 VDC

Overview

This single-color, turtle-friendly LED strip light combines brilliant illumination and nighttime visibility with minimal environmental impact. It features an IP67 rating and a protective heavy-duty silicone coating that guards against UV and abrasion. For outdoor use, see our selection of IP67-rated waterproof connectors. The peel-and-stick 3M™ adhesive backing enables fast and easy mounting to various surfaces.

Features

- Turtle-friendly 590nm amber light
- Protects marine, nocturnal, and migratory species
- IP67-rated, protected against dust and temporary submersion
- Silicone coating protects from abrasion and outdoor conditions
- Cuttable design allows easy trimming to fit custom lengths

Product Details

- 12V or 24V input options available
- Max run: 5m (12V); 12.5m (24V)
- 0-100% PWM Dimmable
- 12mm strip width

Certifications and Compliances

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



Applications

- Beachfront Properties
- Docks
- Doorways
- Residential Lighting
- Resorts
- Retail Shops Decks
- Hardscape Lighting
- Landscape Lighting
- Outdoor Accent Lights
- Outdoor Stair Lighting
- Pathways

Warranty

- Lifetime warranty

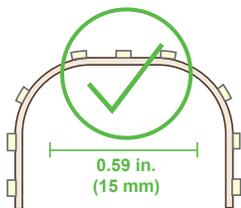


Highlight Series Strip Lights

Turtle-Friendly LED Strip Light Specifications

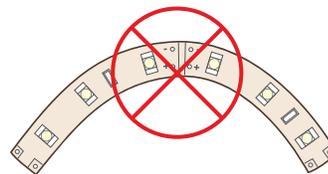
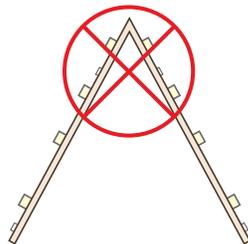
Specifications		
Model	STW-BYEL-C3F-10B5M-12V	STW-BYEL-C6F-10B5M-24V
PHOTOMETRIC		
LED Color	Amber	
Wavelength	590nm	
Beam Angle	120°	
ELECTRICAL		
Operating Voltage	12 VDC	24 VDC
Current Draw	5A	2.5A
Current Draw per Foot	300 mA/ft	150 mA/ft
Wattage	59W	
Wattage per Foot	3.6 W/ft	
Dimmer Type	PWM	
MECHANICAL		
Max Run (Class 2)	16.4ft (5m)	26.2ft (8m)
Minimum Cut Length	50mm (1.97in.)	100mm (3.9in.)
LEDs per Segment	3	6
LED Density	18 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
ENVIRONMENTAL		
IP Rating	IP67	
Environmental Rating	Suitable for Wet Locations, Waterproof	
Ambient Operating Temperature	-20 to 45°C (-4 to 113°F)	

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.



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

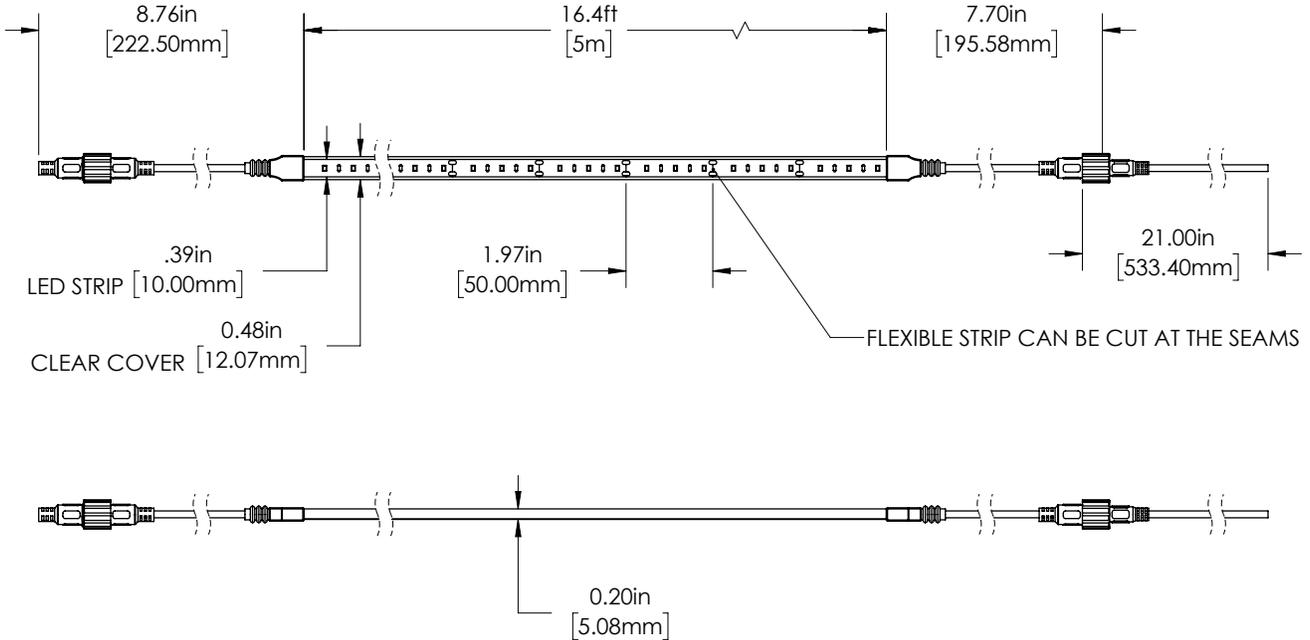
Rev. V1.1 Date: 05/02/2025
 Specifications are subject to change without notice.

Highlight Series Strip Lights

Turtle-Friendly LED Strip Light Specifications

Dimensional Drawings

STW-BYEL-C3F-10B5M-12V



STW-BYEL-C6F-10B5M-24V

