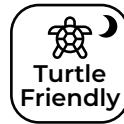




**HL-IP67-Color-TF-5m**



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

- ☐ 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
<b>STW</b>	<b>B</b>	<b>YEL</b>	<b>C</b>	<b>3</b>	<b>F</b>	<b>10</b>	<b>B</b>	<b>5M</b>	<b>12V</b>
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

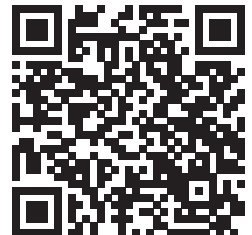


#### Applications

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

#### Warranty

- Lifetime warranty

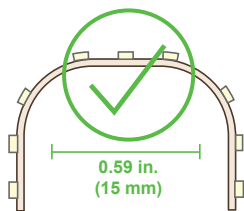


## Highlight Series Strip Lights

Turtle-Friendly LED Strip Light Specifications

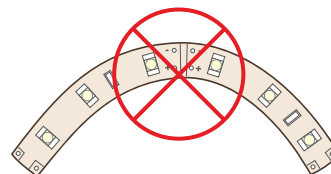
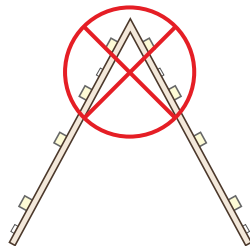
Specifications			
Model		STW-BYEL-C3F-10B5M-12V	STW-BYEL-C6F-10B5M-24V
PHOTOMETRIC			
LED Color		Amber	
Wavelength		590nm	
Beam Angle		120°	
ELECTRICAL			
Operating Voltage		12 VDC	24 VDC
Current Draw		5A	2.5A
Current Draw per Foot		300 mA/ft	150 mA/ft
Wattage		59W	
Wattage per Foot		3.6 W/ft	
Dimmer 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.



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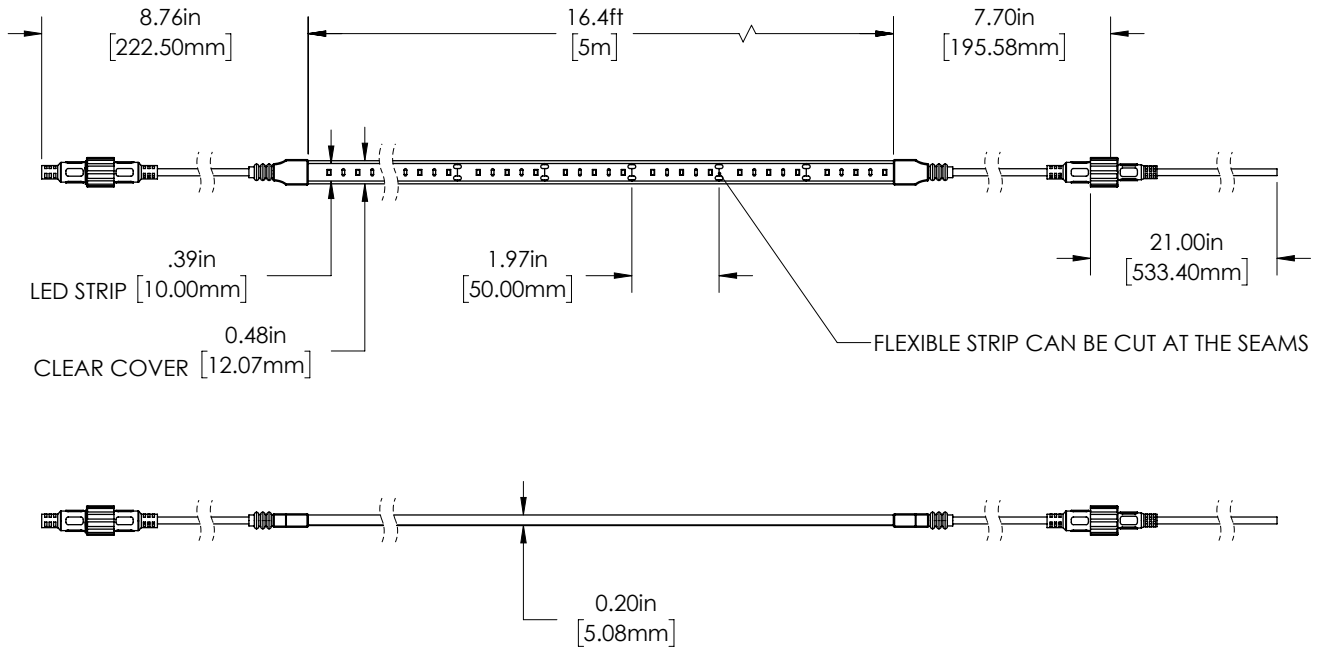
Rev. V1.1 Date: 05/02/2025  
Specifications are subject to change without notice.

# Highlight Series Strip Lights

Turtle-Friendly LED Strip Light Specifications

## Dimensional Drawings

### STW-BYEL-C3F-10B5M-12V



### STW-BYEL-C6F-10B5M-24V

