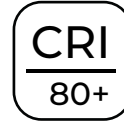




DC-IP64-RGB+W-5m



Available Models¹

12 VDC

- STW-B-E30K80-A6C-12B5M-12V
- STW-B-E40K80-A6C-12B5M-12V
- STW-B-E65K80-A6C-12B5M-12V

24 VDC

- STW-B-E30K80-A10C-12B5M-24V
- STW-B-E40K80-A10C-12B5M-24V
- STW-B-E65K80-A10C-12B5M-24V

SAMPLE PART NUMBER BREAKDOWN

STW-B-E30K80-A6C-12B5M-12V

Series	Strip Type	Color	CRI	LED Type	LEDs/Segment	IP Rating	Strip Width	Density	Length	Voltage
STW-B	E	30K	80	A	6	C	12	B	5M	12V
Weatherproof	RGB+W	30K: 3000K 40K: 4000K 65K: 6500K	80+	5050 SMD	6: 6 LEDs/seg 10: 10 LEDs/seg	IP64	12mm	60 LEDs/m	5 meters	12V: 12 VDC 24V: 24 VDC

Overview

This flexible LED strip light uses alternating color-changing and true white LEDs to produce bold, brilliant illumination in a wide range of high-quality color tones. A strong, ultra-thin silicone spray coating protects against water splashes and debris. Peel-and-stick 3M™ adhesive backing enables fast, easy mounting.

Features

- Alternating 3-in-1 RGB and white 5050 SMD LEDs
- Select from 3000K, 4000K, or 6500K white LEDs
- IP64 rated, protected against debris and moisture
- Customize output with universal RGB+W controller (sold separately)

Details

- 12 VDC for vehicle applications; 24 VDC for longer runs
- Max Run: 14.8 ft (12 VDC); 23 ft (24 VDC)
- LED Density: 18 LEDs/ft
- Strip Width: 12mm
- Pigtail connection
- 0-100% PWM dimmable
- Lifetime exceeds 50000 hours
- 3M™ adhesive backing for surface mounting

Certifications and Compliances

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



Applications

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

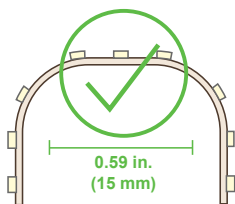
Warranty

- Lifetime warranty



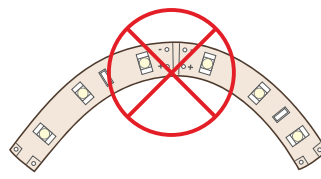
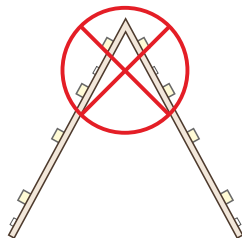
SPECIFICATIONS		
Model	STW-B-ExK80-A6C-12B5M-12V	STW-B-ExK80-A10C-12B5M-24V
PHOTOMETRIC		
Lumens per Foot	258 lm/ft	203 lm/ft
Efficacy	66 lm/W	52 lm/W
LED Color	RGB+W (3000K, 4000K, or 6500K as ordered)	
CRI	80+	
Beam Angle	120°	
ELECTRICAL		
Operating Voltage	12 VDC	24 VDC
Current Draw	5.3 A	2.7 A
Current Draw per Foot	323 mA	165 mA
Wattage	64 Watts	
Wattage per Foot	3.9 W/ft	
Dimming Type	PWM	
MECHANICAL		
Max Run (Class 2)	14.8 ft (4.5 m)	23 ft (7 m)
Minimum Cut Length	100 mm (3.9 in.)	166 mm (6.5 in.)
LEDs per Segment	6	10
LED Density	18 LEDs/ft	
Strip Width	12 mm (0.47 in.)	
Length	16.4 ft (5 m)	
LED Type	5050 SMD	
LED Lifetime	50000 hours	
ENVIRONMENTAL		
IP Rating	IP64	
Environmental Rating	Suitable for Damp Locations, Weatherproof	
Ambient Operating Temperature	-20 to 60 °C (-4 to 140 °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.

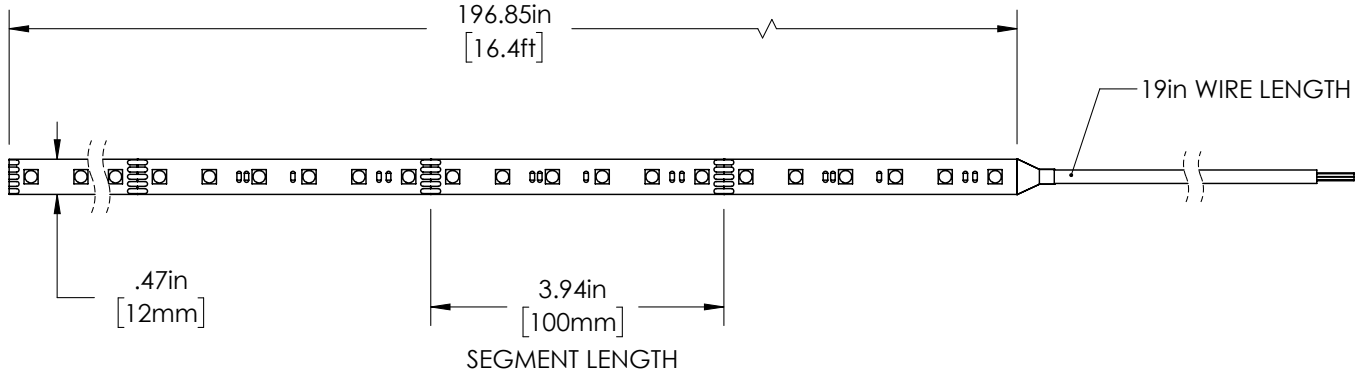


Bending strips on horizontal plane will damage circuit traces and void warranty.

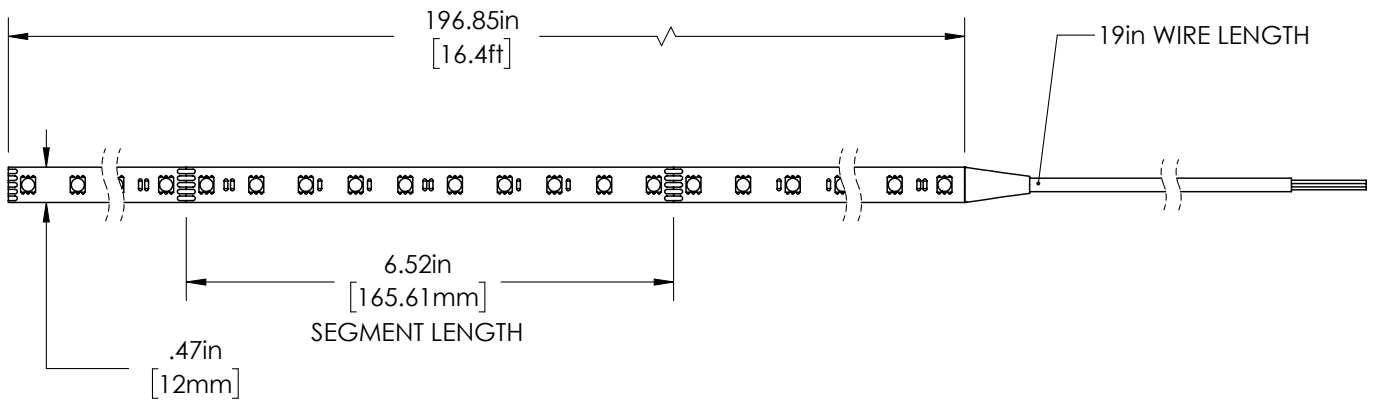


Dimensional Drawings

STW-B-ExK80-A6C-12B5M-12V



STW-B-ExK80-A10C-12B5M-24V



Note: Strip thickness -3.3 mm)

