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Side Emitting LED Strip Lights

Flexible White Light Strip Specifications

Project _____ Date _____

Notes _____

Voltage 24 VDC | PWM Dimming | CRI 80+ | IP20 | Warranty Lifetime Warranty

Available Models[1]

- ☐ STN-B-AS30K80-E6A-05C5M-24V
- ☐ STN-B-AS40K80-E6A-05C5M-24V
- ☐ STN-B-AS65K80-E6A-05C5M-24V

SAMPLE PART NUMBER BREAKDOWN

STN-B-AS30K80-E6A-05C5M-24V

Series	Strip Type	CCT	CRI	LED Type	LEDs/Segment	IP Rating	Width	Density	Length	Voltage
STN-B	AS	30K	80	E	6	A	05	C	5M	24V
Non-weatherproof	Single White, Side Emitting	30K: 3000K 40K: 4000K 65K: 6500K	80+	3014 SMD	6 LEDs/seg	IP20	5mm	120 LEDs/m	5 meters	24 VDC

Overview

The Radiant Series side-emitting strip light provides visibility and accent lighting for architectural coves, kitchen cabinets, showcases, and more. Beams emit sideways, lighting in hard-to-reach places without showing the strip. With flexible construction and 3M™ adhesive backing, this LED tape light is field-cuttable every 1.97 inches, offering convenient customization and versatility to improve illumination in any indoor space.

Features

- Side-oriented LEDs for profile illumination
- 3M™ adhesive backing for surface mounting
- 0-100% PWM dimmable

Product Details

- Max Run (Class 2): 41ft (12.5m)
- Cuttable in 1.97” segments
- IP20 rated for indoor use
- 50000-hour LED lifespan
- 5mm strip width
- 24 VDC input

Certifications and Compliances

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

UL LISTED CE

Applications

- Ambient Home Lighting
- Cabinets
- Cove Lighting
- Task Lighting
- Toe Kick Lighting
- Under-Cabinets

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. V1.0 Date: 12/10/2025
Specifications are subject to change without notice.

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SPECIFICATIONS	
Model	**STN-B-ASxK80-E6A-05C5M-24V**
PHOTOMETRIC	
Color Temperature	3000K, 4000K, or 6500K (as ordered)
Lumens per Foot	204 lm/ft
Efficacy	93 lm/W
CRI	80+
Beam Angle	120°
ELECTRICAL	
Operating Voltage	24 VDC
Current Draw	1.5A
Current Draw per Foot	91 mA/ft
Wattage	36 Watts
Wattage per Foot	2.2 W/ft
Dimmer Type	PWM
MECHANICAL	
Max Run (Class 2)	41ft (12.5m)
Minimum Cut Length	50mm (1.97in.)
LEDs per Segment	6
LED Density	36 LEDs/ft
Strip Width	5mm (0.20in.)
Length	16.4ft (5m)
LED Type	3014 SMD
LED Lifetime	50000 hours
ENVIRONMENTAL	
IP Rating	IP20
Environmental Rating	Suitable for Dry Locations, Non-weatherproof
Ambient Operating Temperature	-20 to 60°C (-4 to 140°F)

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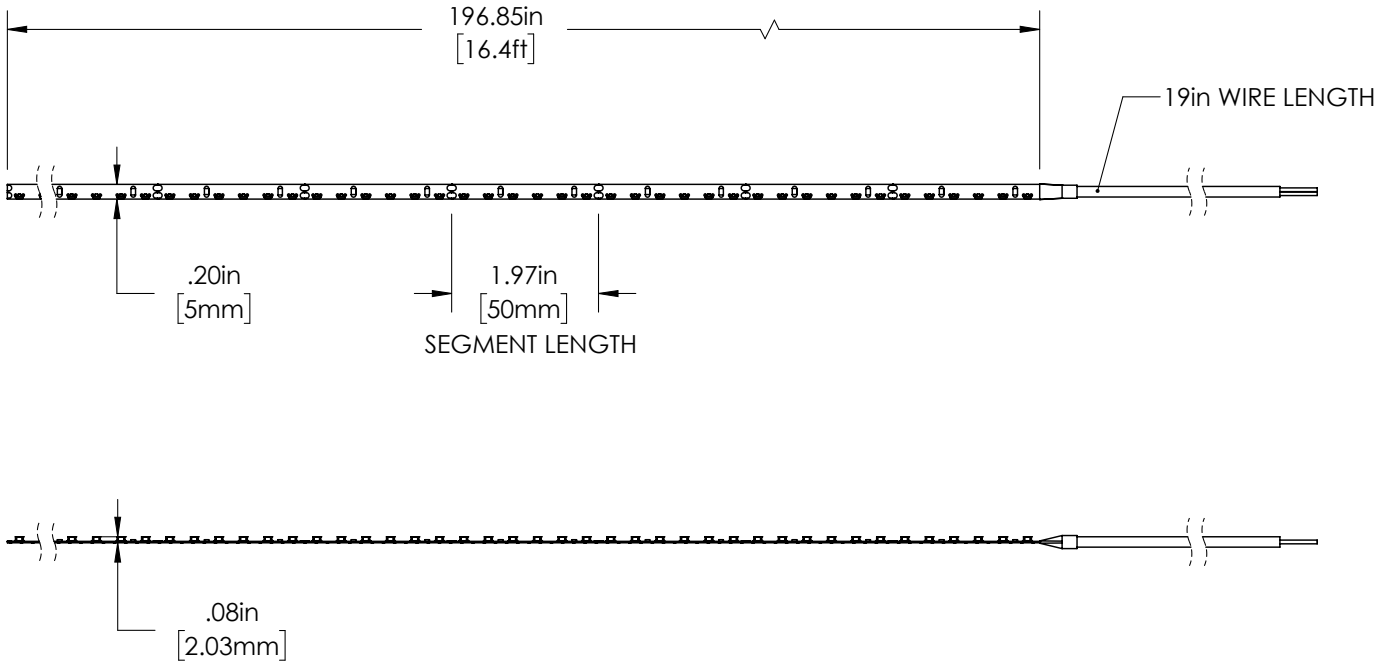
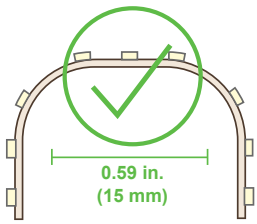
Dimensional Drawings

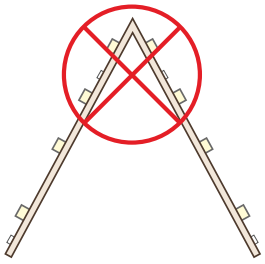


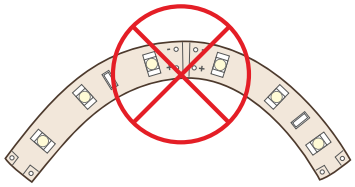
Strip Flexibility



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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