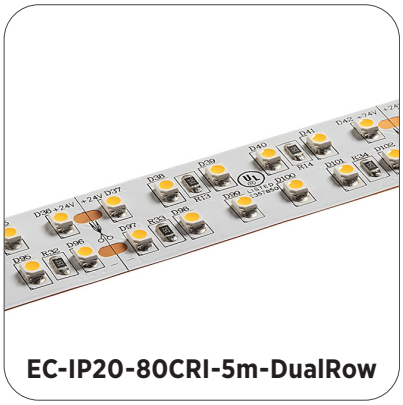
superbrightleds.com

Dual Row White LED Strip Lights

3528 LED Strip Specifications

Project _____

Date _____ Type _____



EC-IP20-80CRI-5m-DualRow

Voltage 24 VDC | CRI 80+ | PWM Dimming | IP20 | Warranty Life Time

Available Versions[1]

- ☐ STN-B-A30K80-B12A-20D5M-24V
- ☐ STN-B-A40K80-B12A-20D5M-24V
- ☐ STN-B-A50K80-B12A-20D5M-24V
- ☐ STN-B-A65K80-B12A-20D5M-24V

SAMPLE PART NUMBER BREAKDOWN STN-B-A30K80-B12A-20D5M-24V

Series	Strip Type	CCT	CRI	LED Type	LEDs/Segment	IP Rating	Strip Width	Density	Length	Voltage
STN-B	A	30K	80	B	12	A	20	D	5M	24V
Non-weatherproof	Single CCT	30K: 3000K 40K: 4000K 50K: 5000K 65K: 6500K	80+	3528 SMD	12 LEDs/seg	IP20	20mm	240 LEDs/m	5 meters	24 VDC

Overview

The 5m Dual Row LED Strip Light is a part of our Eco Series, designed for simple, everyday lighting applications. This indoor dual-row tape light is available in warm, natural, and cool white for brighter everyday lighting. Each strip has 73 LEDs/ft, emitting up to 632 lm/ft. Cut points are located every 50 mm (1.97 in.) to adjust the link for each application. Constructed with 3528 SMD LEDs, the strip uses a maximum of 5.9 W/ft. The 24V strip has a Class 2 max run of 16.4 ft (5 m). Each strip is designed with a durable 3M™ adhesive backing for simple installation. For a finished look and diffused output install the strip using an aluminum channel.

Features

- Dual-Row design delivers maximum output - 632 lm/ft
- Broader illumination compared to single row strip
- High-Density 73 LEDs per foot for uniform coverage
- 0–100% Dimmable for adjustable brightness
- Dedicated cut points located every 2” (50mm)

Product Details

- Class 2 Max Run: 16.4 ft (5 m)
- Strip width measures 20mm (0.79in)
- PWM dimmable
- 3M™ Adhesive backing
- Pigtail connection

Certifications and Compliances

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

UL LISTED CE

Applications

- Architectural Reveals
- Cove Lighting
- Displays
- Garages
- Outdoor Signage
- Shelf Lighting
- Task Lighting
- Under-Cabinet Lighting
- Workbenches

Warranty

- Lifetime Warranty

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

Rev V1.2 Date: 09/04/2026
Specifications are subject to change without notice

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SPECIFICATIONS	
Model	**STN-B-AxK80-B12A-20D5M-24V**
UL File Number	E357850
PHOTOMETRIC	
Color Temperature	3000K, 4000K, 5000K, or 6500K (as ordered)
Lumens per Foot	632 lm/ft
Efficacy	108 lm/W
CRI	80+
Beam Angle	120°
ELECTRICAL	
Operating Voltage	24 VDC
Current Draw	4 A
Current Draw per Foot	244 mA/ft
Wattage	96 Watts
Wattage per Foot	5.9 W/ft
Dimmer Type	PWM
MECHANICAL	
LEDs per Segment	12
Minimum Cut Length	50 mm (1.97 in.)
LED Density	73 LEDS/ft
Strip Width	20 mm (0.78 in.)
Max Run (Class 2)	16.4 ft (5 m)
Length	16.4 ft (5 m)
Input Connection Type	Pigtail
LED Type	3528 SMD
LED Lifetime	50000 Hours
ENVIRONMENTAL	
IP Rating	IP20
Environmental Rating	Suitable for Dry Locations
Water Resistance	Indoor Only
Ambient Operating Temperature	-20 to 60°C (-4 to 140°F)

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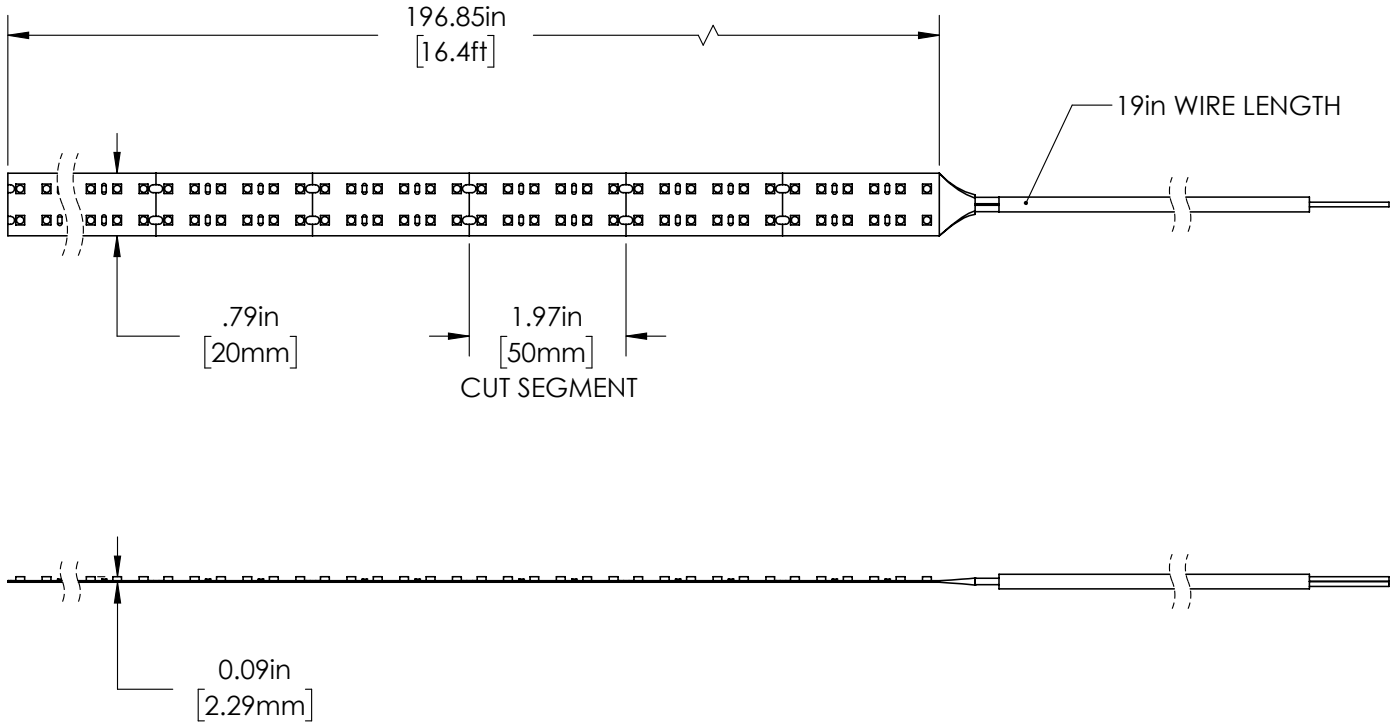
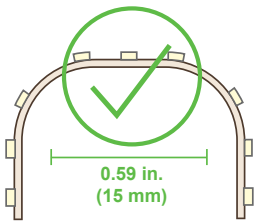
Dimensional Drawings

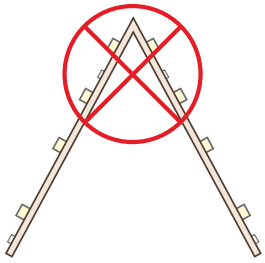


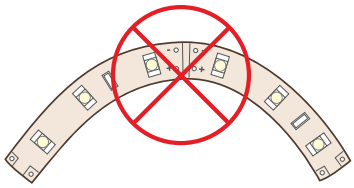
Strip Flexibility



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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