

**Available Models<sup>1</sup>**

- STN-H80-B24A-20D5M-24V

**SAMPLE PART NUMBER BREAKDOWN** **STN-H80-B24A-20D5M-24V**

SERIES / TYPE / CRI			LED TYPE / SEGMENT		IP RATING	SIZE / DENSITY / VOLTAGE			
STN Series	H Strip Type	80 CRI	B LED Type	24 LED/Segment	A IP Rating	20 Strip Width	D Density	5M Length	24V Voltage
STN: Non-weatherproof	H: CCT	80: 80-84	B: 3528	24: 24 LED/seg	A: IP20	20: 20 mm	D: 240 LEDs/m	5M: 5 m	24V: 24 VDC

**Description**

A top choice for interior ambient lighting, this tunable white LED strip light emits vibrant white light in temperatures ranging from 3000K warm white to 6500K cool white using a universal tunable white LED controller (sold separately). The 80+ CRI provides accurate color rendering for residential or commercial task or ambient lighting. The dual-row design produces broad, ultra-bright illumination. Cut at 3.9-inch segment lines to customize your length. Peel-and-stick 3M™ adhesive backing enables fast, easy mounting.

**Electrical**

- 24 VDC input
- PWM dimmable

**Photometrics**

- Dual row 3528 SMD LEDs
- Tunable white: 3000K-6500K
- 120° beam angle
- 80+ CRI

**Warranty**

Lifetime warranty

**Applications**

This strip light is ideal for various residential and commercial applications. Common uses include accent, bias, cove, display, kitchen, retail display, and under-cabinet lighting.

**Certifications and Compliances**

These strips are UL Listed in compliance with UL 2108 standards.



T 866.811.5550  
 F 314.972.6202  
 email: commercial-sales@superbrightleds.com  
<https://www.superbrightleds.com/cat/led-strips-and-bars/>

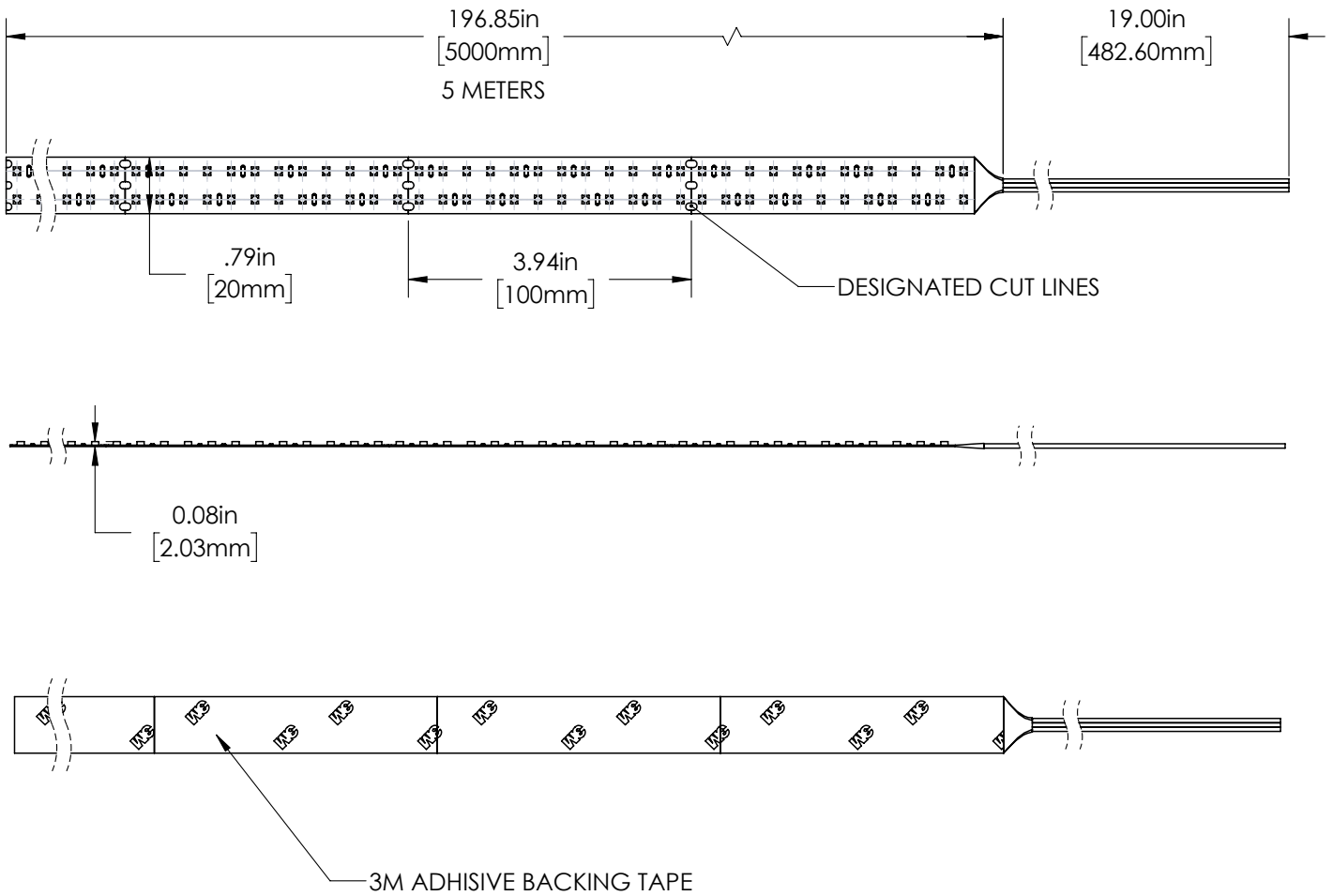
<sup>1</sup>Contact customer service if interested in options other than those listed.  
 Rev. V1 Date: 4/10/2024

Specifications are subject to change without notice.  
 Printed in the U.S.A.

## STN Series

Dual Row Tunable White LED Strip Light Specifications

### Dimensional Drawings



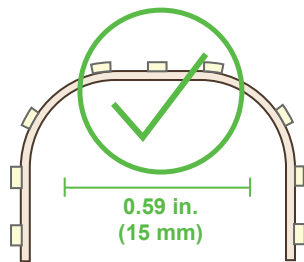
**STN Series**

Dual Row Tunable White LED Strip Light Specifications

**Specifications**

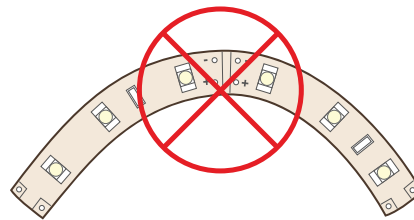
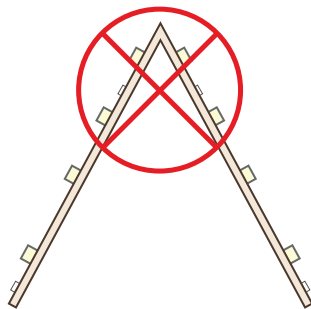
Models	STN-H80-B24A-20D5M-24V
Operating Voltage	24 VDC
Power Consumption	142 W
Wattage per Foot	8.7 W/ft (28.5 W/m)
Current Draw	6 A
Current Draw per Foot	363 mA/ft
Brightness	520 lm/ft (1706 lm/m)
Efficacy	60 lm/W
Color/CCT	Tunable CCT
CCT Value	3000K-6500K
Beam Angle	120°
CRI	80+
Dimming	PWM
Light Length	16.4 ft (5 m)
Strip Width	0.79 in. (20 mm)
Minimum Cut Length	3.9 in. (100 mm)
LED Density	73 LEDs/ft
LEDs per Segment	24
Max Run (Class 2)	Up to 23 ft (7 m)
Wire Length	1.6 ft (48.7 cm)
Environmental Rating	IP20, suitable for dry locations
Ambient Operating Temperature	-4°-113° F (-20°-45° C)
Rated Life (L70)	50,000 hours

**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.

