

## 99 TLCI LED Strip Lights

24 VDC Single CCT 98 CRI Strip Specifications

Project \_\_\_\_\_

Date \_\_\_\_\_ Type \_\_\_\_\_



### Available Versions<sup>1</sup>

- STN-B-A30K98-C8A-10E5M-24V
- STN-B-A40K98-C8A-10E5M-24V
- STN-B-A50K98-C8A-10E5M-24V

### SAMPLE PART NUMBER BREAKDOWN

## STN-B-A30K98-C8A-10E5M-24V

Series	Strip Type	CCT	CRI	LED Type	LEDs/Segment	IP Rating	Width	Density	Length	Voltage
<b>STN-B</b>	<b>A</b>	<b>30K</b>	<b>98</b>	<b>C</b>	<b>8</b>	<b>A</b>	<b>10</b>	<b>E</b>	<b>5M</b>	<b>24V</b>
Non-weatherproof	Single White	30K: 3000K 40K: 4000K 50K: 5000K	98 CRI	2835 SMD	8 LEDs/seg	IP20	10mm	128 LEDs/m	5 meters	24 VDC

### Overview

The HighLight Series 24V White LED Strip Light combines a near-perfect 99 TLCI rating and an ultra-high 98 CRI for exceptional color rendering and on-camera representation. The TLCI (Television Lighting Consistency Index) measures how precisely a camera interprets colors, providing near-flawless, true-to-life color on camera and enhancing the quality of visual projects. A high TLCI rating helps to maintain on-screen color consistency and reduce post-production color correction, ensuring accurate presentation, appearance, and depth of color. Peel-and-stick 3M™ adhesive backing allows for fast, easy mounting.

### Features

- 99 TLCI provides superior color accuracy on camera
- Ultra-high 98 CRI ensures vibrant, true-to-life visuals
- Cuttable segments every 2.44" for customizable length
- Ultra-Bright - 889 lumens/ft

### Product Details

- Max Run (Class 2): 14.8ft (4.5m)
- IP20, suitable for dry locations
- 0-100% PWM dimmable
- 24 VDC input
- Surface mount with 3M™ adhesive backing

### Certifications and Compliances

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



### Applications

- Art Galleries
- Film Sets
- Museums
- Photography Lighting
- Retail Shops
- Stage & Theaters
- Studios
- Television Studios

### Warranty

- 7-year warranty



<sup>1</sup>Contact customer service for additional options.

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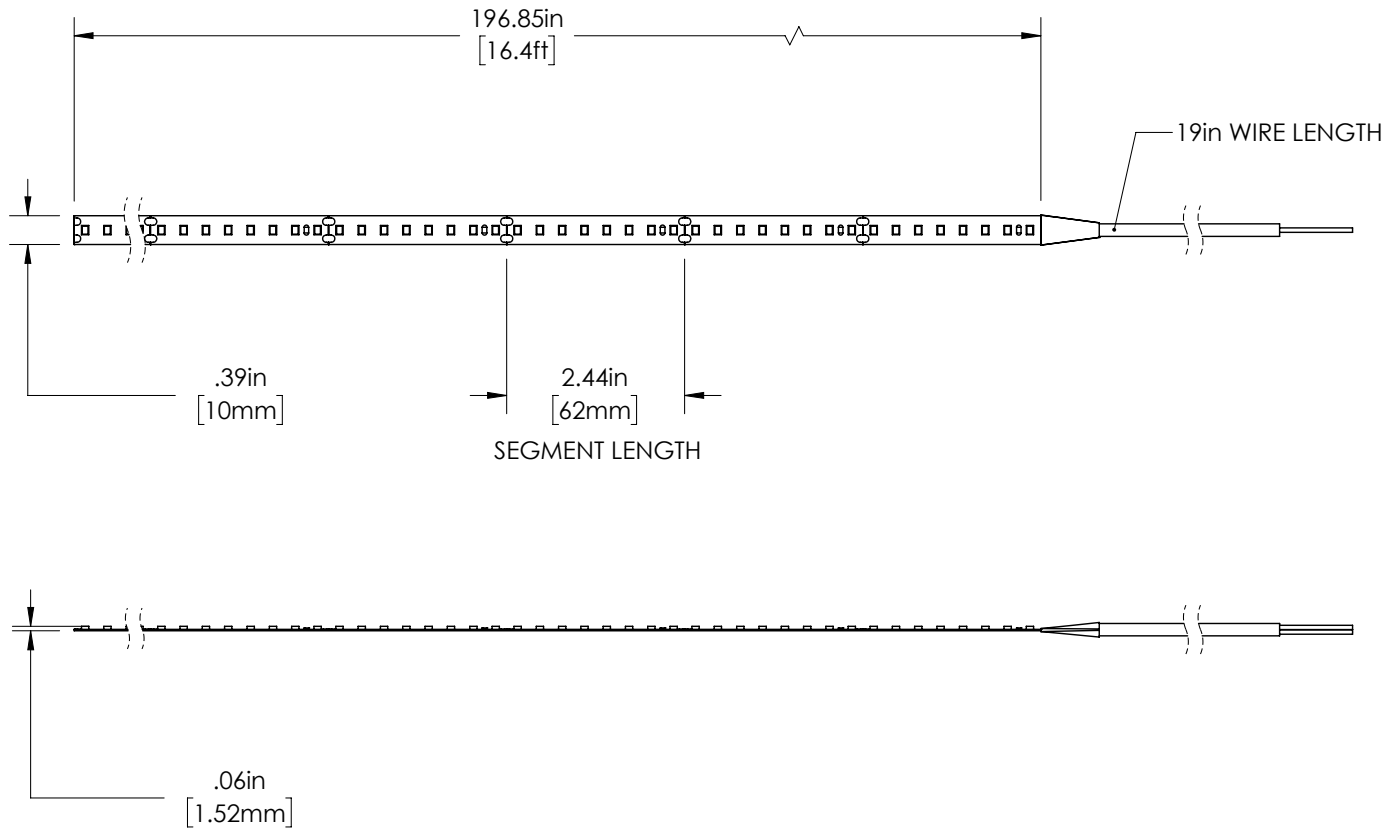
SPECIFICATIONS	
Model	STN-B-AxK98-C8A-10E5M-24V
PHOTOMETRIC	
Color Temperature	3000K, 4000K, or 5000K (as ordered)
Lumens per Foot	889 lm/ft
Efficacy	135 lm/W
TLCI	99
CRI	98
Beam Angle	120°
ELECTRICAL	
Operating Voltage	24 VDC
Current Draw	4.5A
Current Draw per Foot	274 mA/ft
Wattage	108 Watts
Wattage per Foot	6.6 W/ft
Dimmer Type	PWM
MECHANICAL	
Max Run (Class 2)	14.8ft (4.5m)
Minimum Cut Length	62mm (2.44in.)
LEDs per Segment	8
Strip Width	10mm (0.39in.)
Length	16.4ft (5m)
LED Density	39 LEDs/ft
LED Type	2835 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)



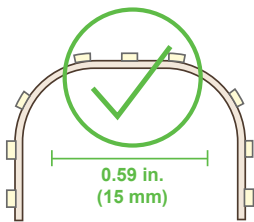
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### Dimensional Drawings

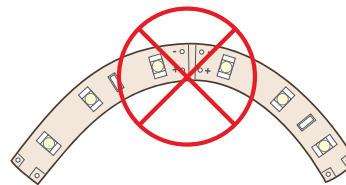
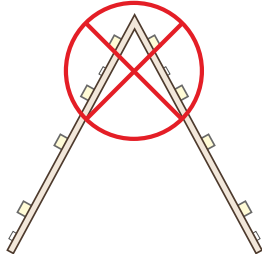


### Strip Flexibility



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.

