

Available Versions¹

- STN-30K98-C8A-10E5M-24V
- STN-40K98-C8A-10E5M-24V
- STN-50K98-C8A-10E5M-24V

SAMPLE PART NUMBER BREAKDOWN **STN-30K98-C8A-10E5M-24V**

SERIES / COLOR / CRI			LED TYPE / SEGMENT		IP RATING	SIZE / DENSITY / VOLTAGE			
STN	30K	98	C	8	A	10	E	5M	24V
Series	Color/CCT	CRI	LED Type	LED/Segment	IP Rating	Strip Width	Density	Length	Voltage
STN: Non-Weatherproof Strip	30K: 3000K 40K: 4000K 50K: 5000K	98: 98 CRI	C: 2835	8: 8 LED/seg	A: IP20	10: 10 mm	E: 128 LEDs/m	5M: 5 m (16.4 ft)	24V: 24 VDC

Overview

This 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. The peel-and-stick 3M™ adhesive backing allows for fast, easy mounting. These strip lights ensure accurate presentation, appearance, and depth of color, making them ideal for art galleries or professional-grade studio lighting in film, television, and photography.

Features

- 99 TLCI provides superior color accuracy on camera
- Ultra-high 98 CRI ensures vibrant, true-to-life visuals
- Cuttable segments every 2.46 in. for customizable length
- Brightness of 889 lumens/ft

Warranty

- 5-year warranty

Applications

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

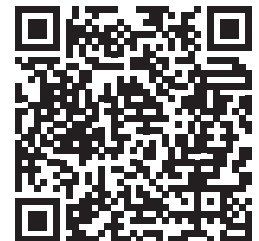
Certifications

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



Product Details

- Surface mount with 3M™ adhesive backing
- Max run length: 16.4 ft. (5 m)
- Suitable for dry locations
- 120° beam angle
- PWM dimmable
- 24 VDC

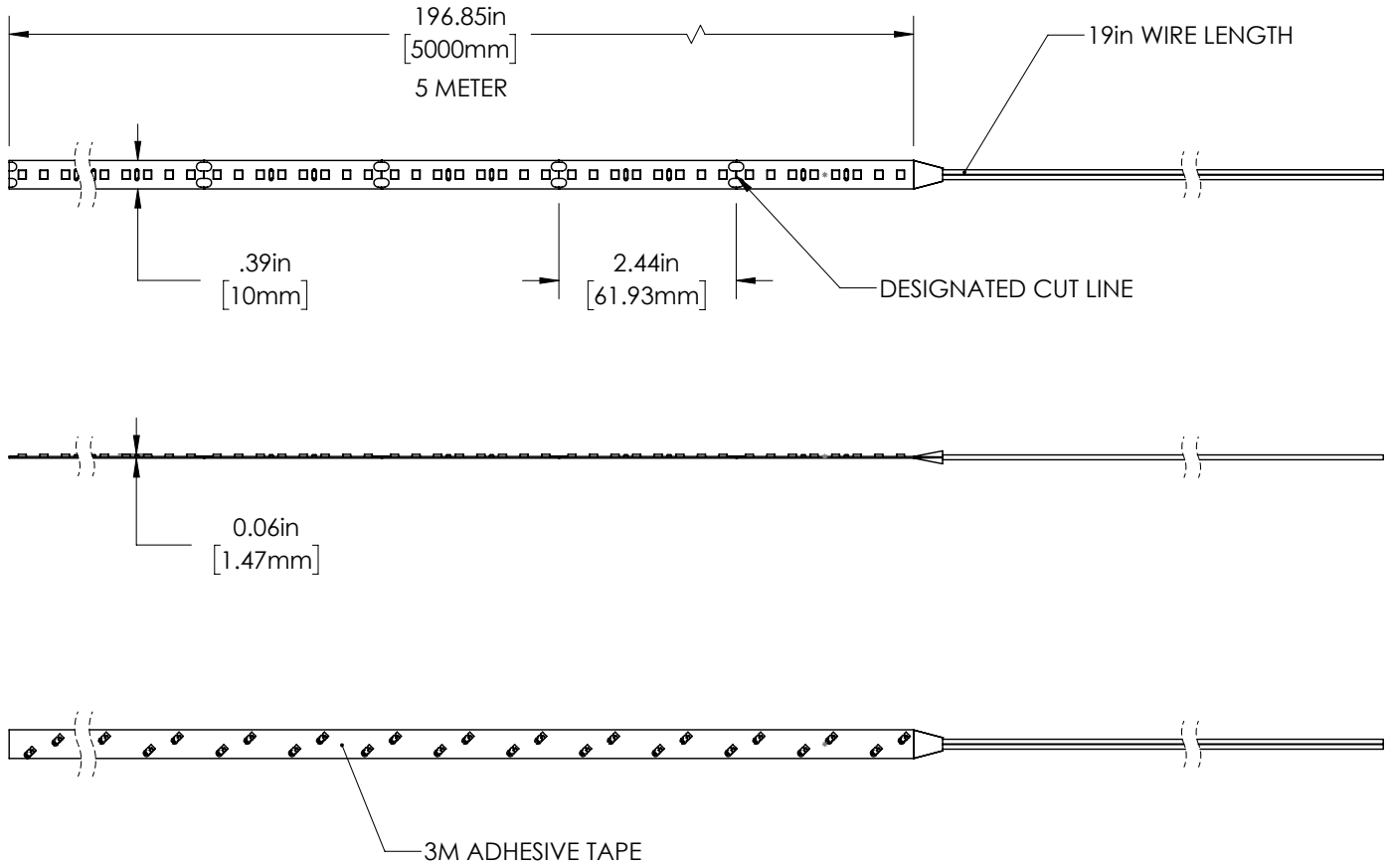


¹Contact customer service for additional options.

99 TLCI LED Strip Lights

24 VDC Single CCT 98 CRI Strip Specifications

Dimensional Drawings



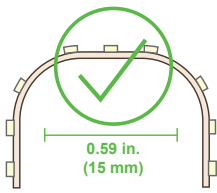
99 TLCI LED Strip Lights

24 VDC Single CCT 98 CRI Strip Specifications

Specifications

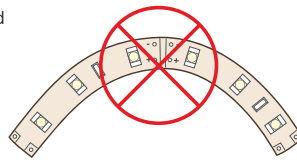
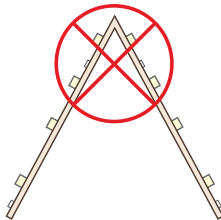
Model STN-	-30K98-C8A-10E5M-24V	-40K98-C8A-10E5M-24V	-50K98-C8A-10E5M-24V
CCT	3000K	4000K	5000K
Voltage	24 VDC		
Wattage	108 W (6.6 W/ft)		
Current Draw	4.5 A (275 mA/ft)		
Lumens	14,580 lm (889 lm/ft)		
Efficacy	135 lm/W		
TLCI	99		
CRI	98		
Beam Angle	120°		
IP Rating	IP20		
Environmental Rating	Suitable for Dry Locations, Non-Weatherproof		
Strip Width	10 mm (0.39 in.)		
LED Density	39 LEDs/ft		
Max Run (Class 2)	Up to 16.4 ft (5 m)		
Minimum Cut Length	2.46 in. (62.5 mm)		
LEDs per Segment	8		
LED Lifetime	50,000 hours		
Ambient Operating Temperature	-4°-113° F (-20°-45° C)		

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.

