

#### Available Models<sup>1</sup>

##### 12 VDC

- ☐ STN-A27K90-C3A-10B5M-12V
- ☐ STN-A30K90-C3A-10B5M-12V
- ☐ STN-A35K90-C3A-10B5M-12V
- ☐ STN-A40K90-C3A-10B5M-12V
- ☐ STN-A50K90-C3A-10B5M-12V
- ☐ STN-A65K90-C3A-10B5M-12V
- ☐ STN-A27K90-C3A-10C5M-12V
- ☐ STN-A30K90-C3A-10C5M-12V
- ☐ STN-A35K90-C3A-10C5M-12V
- ☐ STN-A40K90-C3A-10C5M-12V
- ☐ STN-A50K90-C3A-10C5M-12V
- ☐ STN-A65K90-C3A-10C5M-12V

##### 24 VDC

- ☐ STN-A27K90-C6A-10B5M-24V
- ☐ STN-A30K90-C6A-10B5M-24V
- ☐ STN-A35K90-C6A-10B5M-24V
- ☐ STN-A40K90-C6A-10B5M-24V
- ☐ STN-A50K90-C6A-10B5M-24V
- ☐ STN-A65K90-C6A-10B5M-24V
- ☐ STN-A27K90-C6A-10C5M-24V
- ☐ STN-A30K90-C6A-10C5M-24V
- ☐ STN-A35K90-C6A-10C5M-24V
- ☐ STN-A40K90-C6A-10C5M-24V
- ☐ STN-A50K90-C6A-10C5M-24V
- ☐ STN-A65K90-C6A-10C5M-24V

#### SAMPLE PART NUMBER BREAKDOWN

## STN-A27K90-C3A-10B5M-12V

Series	Strip Type	CCT	CRI	LED Type	LEDs/Segment	IP Rating	Width	Density	Length	Voltage
<b>STN</b>	<b>A</b>	<b>27K</b>	<b>90</b>	<b>C</b>	<b>3</b>	<b>A</b>	<b>10</b>	<b>B</b>	<b>5M</b>	<b>12V</b>
Non-weatherproof	Single White	27K: 2700K 30K: 3000K 35K: 3500K 40K: 4000K 50K: 5000K 65K: 6500K	90+	2835 SMD	3: 3 LEDs/seg 6: 6 LEDs/seg	IP20	10mm	B: 60 LEDs/m C: 120 LEDs/m	5 meters	12: 12 VDC 24: 24 VDC

#### Overview

This flexible LED strip light has a 90+ CRI rating, ensuring high-quality, precise color rendering. It emits natural illumination with an elegant finish, perfect for updating and enhancing any indoor space. Peel-and-stick 3M™ adhesive backing enables fast, easy mounting. Backed by a lifetime warranty.

#### Features

- 2835 SMD LEDs ensure ultra-bright output
- 3M™ adhesive backing for surface mounting
- 0-100% PWM dimmable

#### Product Details

- 90+ CRI for accurate color rendition
- Max Run: 5m (12V) ; 7.5m (24V)
- Choose 18 or 36 LEDs/ft
- 10mm strip width
- Lifetime exceeds 50000 hours
- 12V input for vehicle applications; 24V for longer runs

#### Certifications and Complies

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



#### Applications

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

#### Warranty

- Lifetime warranty



# Highlight Series Strip Lights

High CRI White LED Strip Light Specifications

## Specifications

12 VDC

Model	STN-AxK90-C3A-10B5M-12V	STN-AxK90-C3A-10C5M-12V
ELECTRICAL		
Wattage	59W	69W
Wattage per Foot	3.6 W/ft	4.2 W/ft
Current Draw	5A	5.7A
Current Draw per Foot	300 mA/ft	350 mA/ft
Operating Voltage	12 VDC	
Dimmer Type	PWM	
PHOTOMETRIC		
Lumens per Foot	255 lm/ft	330 lm/ft
Efficacy	71 lm/W	79 lm/W
CRI	90+	
Beam Angle	120°	
CCT	3000K, 4000K, or 5000K (as ordered)	
MECHANICAL		
LED Density	18 LEDs/ft	36 LEDs/ft
Max Run (Class 2)	24.6ft (7.5m)	16.4ft (5m)
Minimum Cut Length	50mm (1.97in)	25mm (1.0in)
LEDs per Segment	3	
Strip Width	10mm (0.39in.)	
Length	16.4ft (5m)	
LED Type	2835 SMD	
LED Lifetime	50000 hours	
ENVIRONMENTAL		
IP Rating	IP20	
Environmental Rating	Non-weatherproof, Suitable for Dry Locations	
Ambient Operating Temperature	-20 to 45°C (-4 to 113°F)	



# Highlight Series Strip Lights

High CRI White LED Strip Light Specifications

## Specifications

24 VDC

Model	STN-AxK90-C6A-10B5M-24V	STN-AxK90-C6A-10C5M-24V
ELECTRICAL		
Wattage	59W	69W
Wattage per Foot	3.6 W/ft	4.2 W/ft
Current Draw	2.5A	2.9A
Current Draw per Foot	150 mA/ft	175 mA/ft
Operating Voltage	24 VDC	
Dimmer Type	PWM	
PHOTOMETRIC		
Lumens per Foot	255 lm/ft	330 lm/ft
Efficacy	71 lm/W	79 lm/W
CRI	90+	
Beam Angle	120°	
CCT	3000K, 4000K, or 5000K (as ordered)	
MECHANICAL		
LED Density	18 LEDs/ft	36 LEDs/ft
Max Run (Class 2)	24.6ft (7.5m)	21.3ft (6.5m)
Minimum Cut Length	100mm (3.9in)	50mm (1.97in)
LEDs per Segment	6	
Strip Width	10mm (0.39in.)	
Length	16.4ft (5m)	
LED Type	2835 SMD	
LED Lifetime	50000 hours	
ENVIRONMENTAL		
IP Rating	IP20	
Environmental Rating	Non-weatherproof, Suitable for Dry Locations	
Ambient Operating Temperature	-20 to 45°C (-4 to 113°F)	





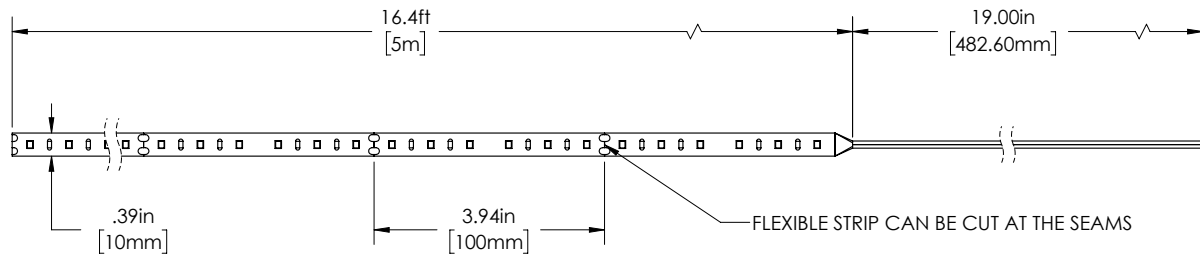
## Highlight Series Strip Lights

High CRI White LED Strip Light Specifications

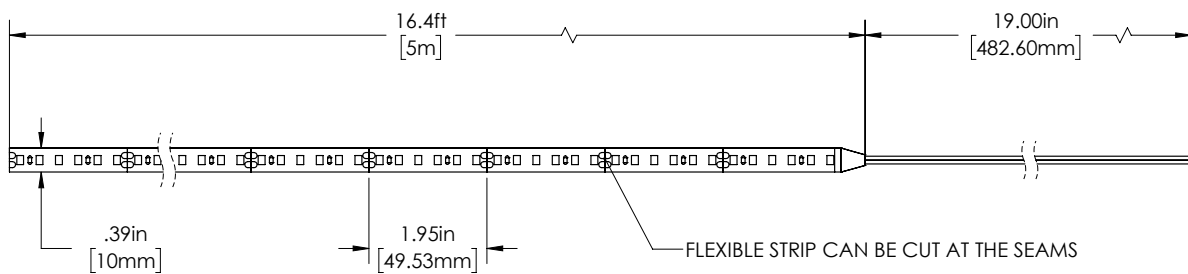
### Dimensional Drawings

24 VDC

STN-AxK90-C6A-10B5M-24V

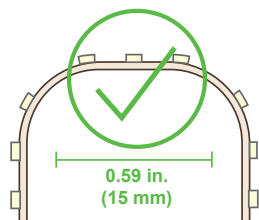


STN-AxK90-C6A-10C5M-24V



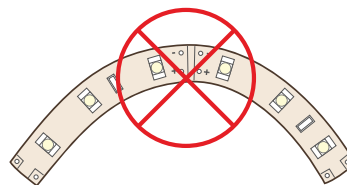
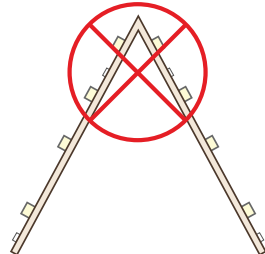
Strip thickness is 0.06in. (1.52mm)

### 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.

