

Available Models¹

- | | |
|--|--|
| ☐ STW-A27K90-O24D-08F5M-24V | ☐ STW-H90-O32D-10Y5M-24V |
| ☐ STW-A30K90-O24D-08F5M-24V | ☐ STW-CRGB-O42D-10Z5M-24V |
| ☐ STW-A40K90-O24D-08F5M-24V | ☐ STW-D30K90-O28D-12Z5M-24V |
| ☐ STW-A50K90-O24D-08F5M-24V | ☐ STW-D40K90-O28D-12Z5M-24V |
| ☐ STW-BRED-O24D-08F5M-24V | ☐ STW-D50K90-O28D-12Z5M-24V |
| ☐ STW-BGRE-O24D-08F5M-24V | ☐ STW-F90-O35D-12Z5M-24V |
| ☐ STW-BBLU-O24D-08F5M-24V | |

SAMPLE PART NUMBER BREAKDOWN

STW-A27K90-O24A-08F5M-24V

Series	Strip Type	Color/CCT	CRI	LED Type	LEDs/Segment	IP Rating	Strip Width	Density	Length	Voltage
STW	A	27K	90	O	24	D	8	F	5M	24V
Weatherproof	A: Single White B: Single Color H: CCT C: RGB D: RGBW F: RGB CCT	27K: 2700K 30K: 3000K 40K: 4000K 50K: 5000K RED: Red BLU: Blue RGB: RGB	90+ CRI or blank (N/A)	COB	24: 24 32: 32 42: 42 28: 28 35: 35	IP65	08: 8mm 10: 10mm 12: 12mm	F: 480 LEDs/m Y: 640 LEDs/m Z: 840 LEDs/m	5 meters	24 VDC

Overview

The COB Series LED strip light uses chip-on-board technology to create a smooth, seamless line of light. Using a high density of LEDs, the COB strip light produces a continuous linear light without hotspots, ideal for applications on or around reflective surfaces such as granite countertops and tile floors. The waterproof IP65 rating allows the strip to be installed in wet locations such as patios and decks. Flexible construction and 3M™ adhesive backing make it easy to install, including on round surfaces and edges.

Features

- COB LEDs create seamless line of light
- High density design - no visible hotspots
- Flexible and cuttable for custom installation
- 3M™ adhesive-backed for easy surface mounting
- IP65 rated for wet locations
- 0-100% PWM dimmable

Product Details

- Pigtail connection
- 24 VDC

Certifications and Compliances

- UL Listed - UL 2108
- CE compliant

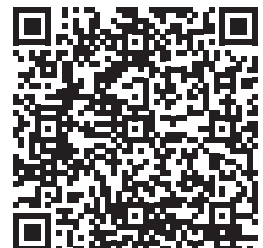


Applications

- | | |
|-------------------|---------------------|
| • Accent Lighting | • Stage & Theaters |
| • Cove Lighting | • Toe Kick Lighting |
| • Displays | • Trade Shows |
| • Sign Lighting | • Under-Cabinets |

Warranty

- 5-year warranty



COB Series LED Strip Lights

24 VDC COB LED Strips

Specifications

Model	STW-AxK90-O24D-08F5M-24V	STW-Bx-O24D-08F5M-24V	STW-H90-O32D-10Y5M-24V
Wattage	2.4 W/ft		4.6 W/ft
Current Draw	102 mA/ft		191 mA/ft
Max Run	24.6 ft (7.5 m)		19.7ft (6m)
Minimum Cut Length	1.97in. (50mm)		
CCT/Color	2700, 3000K, 4000K, or 5000K	Red, Blue, or Green	2700K-6500K
Lumens per Foot	209, 220, 232, or 232	-	Up to 434 lm/ft
CRI	90+	-	90+
LED Density	146 LEDs/ft (480 LEDs/m)		195 LEDs/ft (640 LEDs/m)

Model	STW-CRGB-O42D-10Z5M-24V	STW-DxK90-O28D-12Z5M-24V	STW-F90-O35D-12Z5M-24V
Wattage	4.6 W/ft	5.5 W/ft	
Current Draw	191 mA/ft	229 mA/ft	
Max Run	19.7ft (6m)	16.4ft (5m)	
Minimum Cut Length	1.97in. (50mm)	1.31in. (33.3mm)	1.64in. (41.65mm)
CCT/Color	RGB	RGB+3000K, 4000K, or 5000K	RGB+ 2700K-6500K
Lumens	-	439, 461, or 461 lm/ft	Up to 455 lm/ft
CRI	-	90+	
LED Density	256 LEDs/ft (840 LEDs/m)		

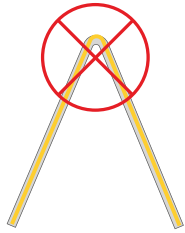
Series	
Operating Voltage	24 VDC
Dimmer Type	PWM
Beam Angle	160°
IP Rating	IP65
Environmental Rating	Waterproof, Suitable for Wet Locations
Storage Temperature	-20 to 60°C (-4 to 140°F)
LED Lifetime	36000 hours
Ambient Operating Temperature	-20 to 45°C (-4 to 113°F)



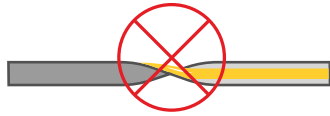
COB Series LED Strip Lights

24 VDC COB LED Strips

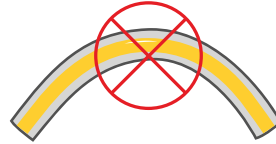
Strip Flexibility



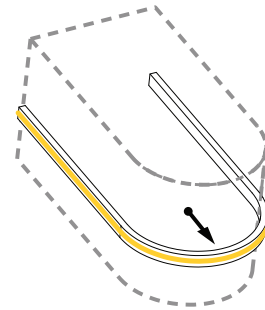
Bending strips at sharp angles will damage circuit traces and void warranty.



Twisting strips will damage circuit traces and void warranty.

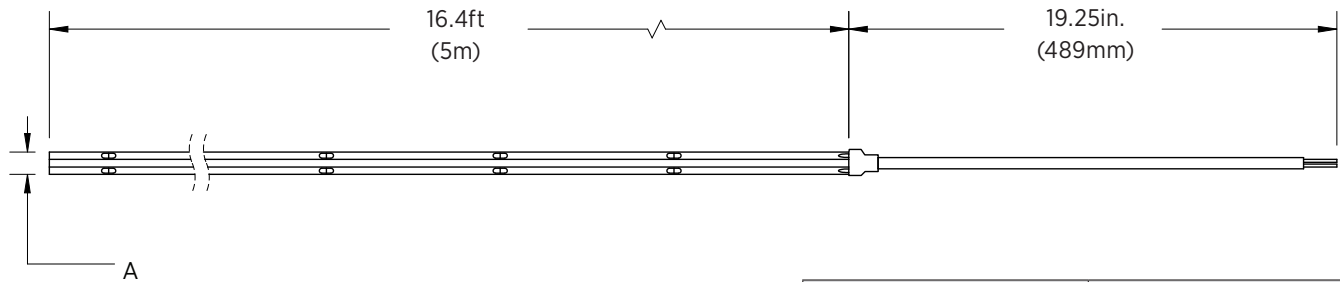


Bending strips on horizontal plane will damage circuit traces and void warranty.



Minimum bending radius $\geq 1.97\text{in.}$ [50mm]

Dimensions



Model	A
STN-x-0x-08x5M-24V	0.31in. [8mm]
STN-x-0x-10x5M-24V	0.39in. [10mm]
STN-x-0x-12x5M-24V	0.47in. [12mm]

