

Strip CCT Options

- ☐ STN-A22K90-O32-08L5M-24V-2-COB
- ☐ STN-A27K90-O32-08L5M-24V-2-COB
- ☐ STN-A30K90-O32-08L5M-24V-2-COB
- ☐ STN-A40K90-O32-08L5M-24V-2-COB
- ☐ STN-A50K90-O32-08L5M-24V-2-COB
- ☐ STN-A65K90-O32-08L5M-24V-2-COB

SAMPLE PART NUMBER BREAKDOWN

STN-A22K90-O32-08L5M-24V-2-COB

SERIES / TYPE / COLOR / CRI				LED TYPE / SEGMENT		IP RATING	SIZE / DENSITY / VOLTAGE				Kit
STN Series	A Strip Type	22K Color	90 CRI	O LED Type	32 LED/Segment	- IP Rating	08 Strip Width	L Density	5M Length	24V Voltage	2-COB Kit Type
STN: Non-weatherproof	A: Single White	22K: 2200K 27K: 2700K 30K: 3000K 40K: 4000K 50K: 5000K 65K: 6500K	90: 90-94	O: COB	32: 32 LED/seg	blank: IP20	08: 8 mm	L: 512 LEDs/m	5M: 5 m	24V: 24 VDC	2-COB: COB Kit V2

Description

COB (chip-on-board) LED strip lights provide a smooth and continuous “line of light” without hotspots. These are well suited for use on or around reflective surfaces such as granite countertops and tile floors. A high 90+ CRI provides accurate color rendering ideal for trade shows or retail displays. Customize using the cut segments and join with solderless clamps with no wire stripping or splicing. Flexible construction and 3M™ adhesive backing make installing it on round surfaces and edges easy. Use the Wi-Fi + Bluetooth controller and the Smart Life app to adjust the brightness and switch between dynamic modes. For hands-free operation, pair the controller with an Alexa or a Google Assistant.

Electrical

- 24 VDC input
- Efficient COB chips
- PWM dimmable

Photometrics

- 180° beam angle
- 90+ CRI

Warranty

Five (5) year warranty

Applications

Applications include countertop, cove, task, toe kick, and under-cabinet lighting and display light for cases and trade shows.

Certifications and Compliances

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



What's Inside:

- (1) 5m Single-Color LED COB Strip Light - 24V
- (1) Single-Color LED Smartphone Controller - Compatible with Alexa, Google Assistant, Wi-Fi, and Bluetooth
- (1) 60W DiodeDrive® AC Power Adapter
- (1) Standard Barrel Connector to Screw Terminal Adapter
- (10ft) 22 AWG Two Conductor Power Wire
- (14) Solderless Clamp-On Pigtail Adapters
- (2) 3M™ Double-Sided Foam Pads



T 866.811.5550

F 314.972.6202

email: commercial-sales@superbrightleds.com

https://www.superbrightleds.com/cat/complete-led-strip-kits/

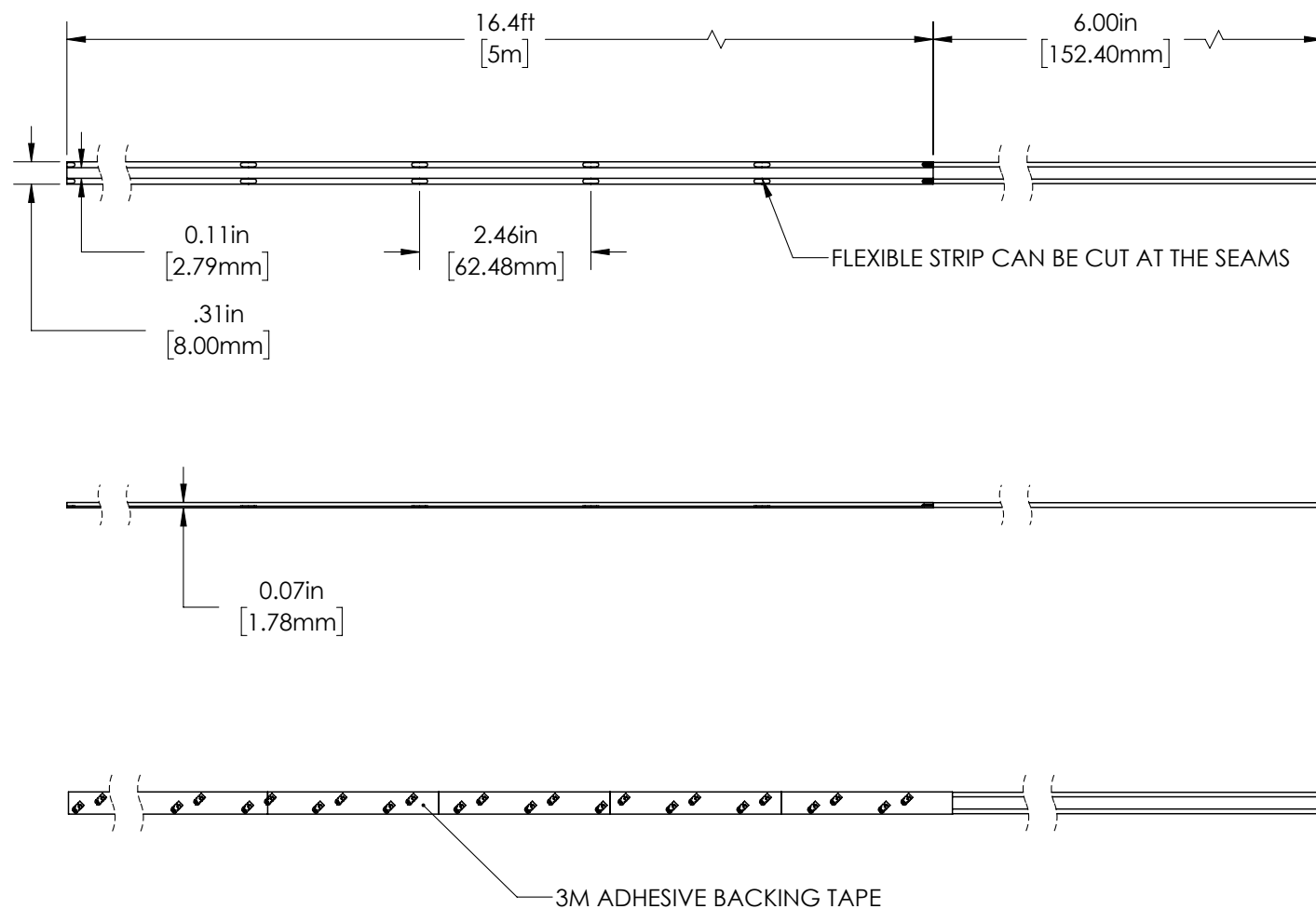
Rev. V1 Date: 4/5/2024

Specifications are subject to change without notice.

Printed in the U.S.A.

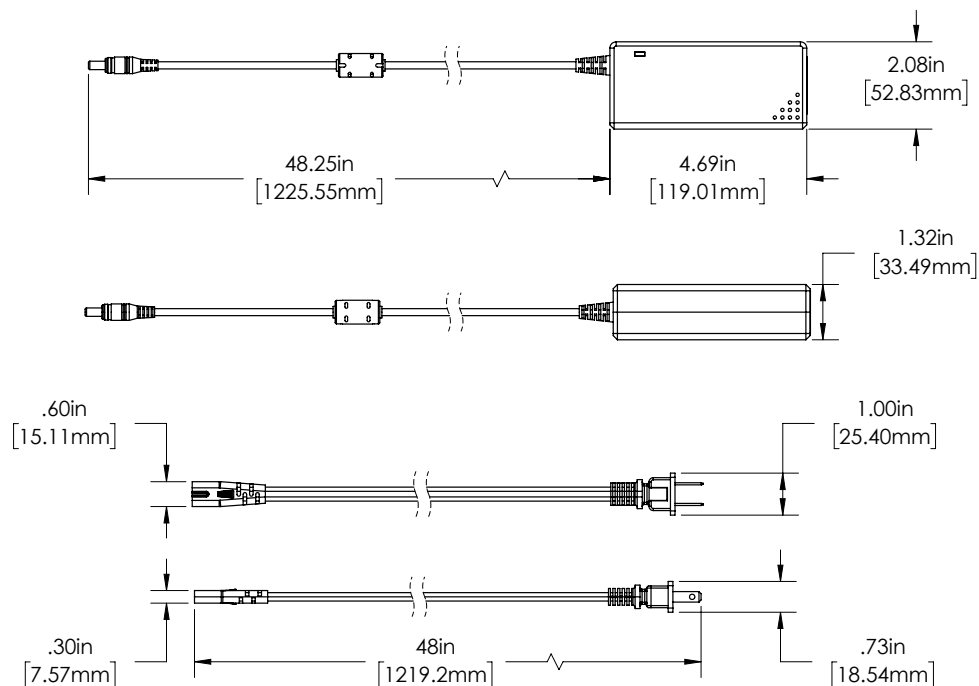
Dimensional Drawings

COB Strip

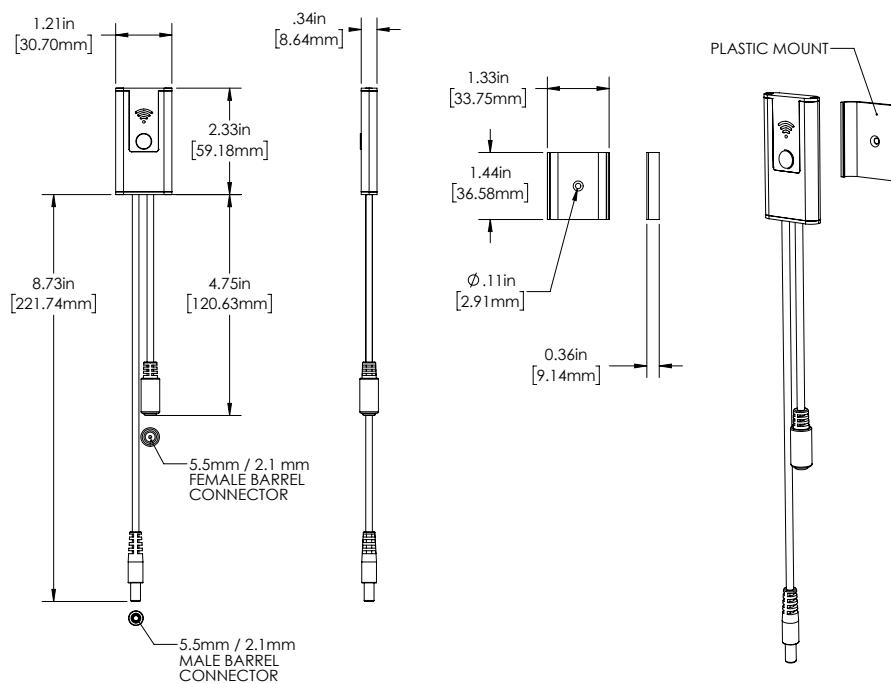


Dimensional Drawings

Power Adapter



LED Controller



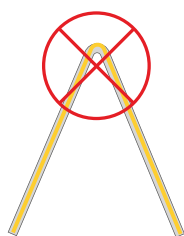
Specifications

Strip Specifications	
Beam Angle	180°
Brightness	Up to 351 lm/ft (1150 lm/m)
Connection Type	Pigtail
CRI	90+
Dimmable	Yes
Input Voltage	24 VDC
IP Rating	IP20
LED Density	156 LEDs/ft
LED Lifetime	30,000 hours
LED Type	COB (chips-on-board)
LEDs per Segment	32
Length	16.4 ft (5 m)
Minimum Cut Length	2.46 in. (62.5 mm)
Max Run	Up to 24.6 ft (7.5 m)
Strip Width	0.31 in. (8 mm)
Wattage Per Foot	3.1 W/ft (10.2 W/m)
Wattage Total	50 W
Wire Length	20 in. (508 mm)
Standards And Certifications	UL Listed, RoHS Compliant
Single White CCT Options	Warm: 2200K, 2700K, or 3000 Natural: 4000K Cool: 5000K or 6500K

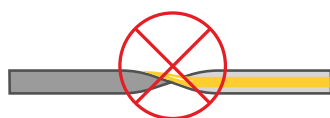
Controller Specifications	
Input Connection	5.5mm Barrel Connector
Control Range	Up to 82 ft (25 m)
Input Voltage	12-24 VDC
Output Voltage	12-24 VDC
Rated Current	3 A @ 24 VDC, 6 A @ 12 VDC
IP Rating	IP20
Remote Type	Smart Life app (Bluetooth/Wi-Fi) Alexa and Google Assistant compatible

Power Adapter Specifications	
Input Connection	1-15P Plug
Input Voltage	120 VAC
Output Connection	5.5mm Barrel Connector
Output Voltage	24 VDC
Standards And Certifications	UL Listed, FCC, RoHS
Wattage	60 W
IP Rating	IP20
Cord Length	47 in. (119 cm)

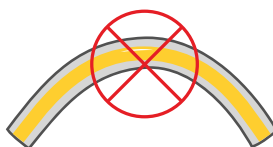
Strip Flexibility



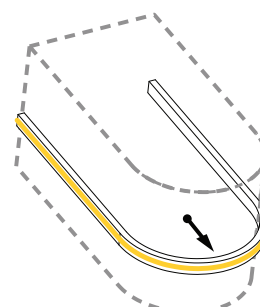
Bending strips at sharp angles will damage circuit traces and void warranty.



Twisting strips will damage circuit traces and void warranty.



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



Minimum bending radius ≥ 1.1 in [30 mm]