

HighLight LED Strip Lights

2835 Strip Specifications

Project _____

Date _____ Type _____



HL-IP67-90CRI-5m

ACCESSORIES

Power Supplies



Strip Connectors



Controllers and Switches



FEATURES

- 12 or 24 VDC input available
- 90+ CRI
- Multiple density options
- LED lifetime of 50,000 hours (L70)
- 12 mm overall strip width
- 3M adhesive backing
- Operating temperature of -4°-113° F (-20°-45° C)
- IP67 environmental rating

APPLICATIONS

Some common applications include sign lighting, bias lighting, cove lighting, task lighting, backlighting, accent lighting, and under cabinet lighting.

AVAILABLE VERSIONS

18 LEDs/ft (60 LEDs/m)

- STW-A27K90-C3F-10B5M-12V
- STW-A27K90-C6F-10B5M-24V
- STW-A30K90-C3F-10B5M-12V
- STW-A30K90-C6F-10B5M-24V
- STW-A35K90-C3F-10B5M-12V
- STW-A35K90-C6F-10B5M-24V
- STW-A40K90-C3F-10B5M-12V
- STW-A40K90-C6F-10B5M-24V
- STW-A50K90-C3F-10B5M-12V
- STW-A50K90-C6F-10B5M-24V
- STW-A65K90-C3F-10B5M-12V
- STW-A65K90-C6F-10B5M-24V

36 LEDs/ft (120 LEDs/m)

- STW-A27K90-C6F-10C5M-24V
- STW-A30K90-C6F-10C5M-24V
- STW-A35K90-C6F-10C5M-24V
- STW-A40K90-C6F-10C5M-24V
- STW-A50K90-C6F-10C5M-24V
- STW-A65K90-C6F-10C5M-24V

SAMPLE PART NUMBER BREAKDOWN

STW-A40K90-C6F-10C5M-24V

FAMILY / CATEGORY / COLOR				LED TYPE / SEGMENT		IP RATING	SIZE / DENSITY / VOLTAGE			
STW	A	40K	90	C	6	F	10	C	5M	24V
Strip Type	Strip Type	Color	CRI	LED Type	LED/Segment	IP Rating	Strip Width	Density	Length	Voltage
STW: Weatherproof	A: Single White	27K: 2700K 30K: 3000K 35K: 3500K 40K: 4000K 50K: 5000K 65K: 6500K	90: 90-94	C: 2835	3: 3 LED/seg 6: 6 LED/seg	F: IP67	10: 10 mm	B: 60 LEDs/m C: 120 LEDs/m	5M: 16.4 ft (5 m)	12V: 12 V 24V: 24 V

SPECIFICATIONS

Model	STW-	AxK90-C3F-10B5M-12V	AxK90-C6F-10B5M-24V	AxK90-C6F-10C5M-24V
Power Consumption		59 W (total for 5 m)		69 W (total for 5 m)
Current Draw		300 mA /ft	150 mA /ft	175 mA /ft
Brightness		255 lm/ft		330 lm/ft
Efficacy		71 lm/W		79 lm/W
Beam Angle		120°		
Max Run		24.6 ft (7.5 m)	24.6 ft (7.5 m)	21.3 ft (6.5 m)



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www.superbrightleds.com/cat/industrial-led-lighting/



Specifications are subject to change without notice.

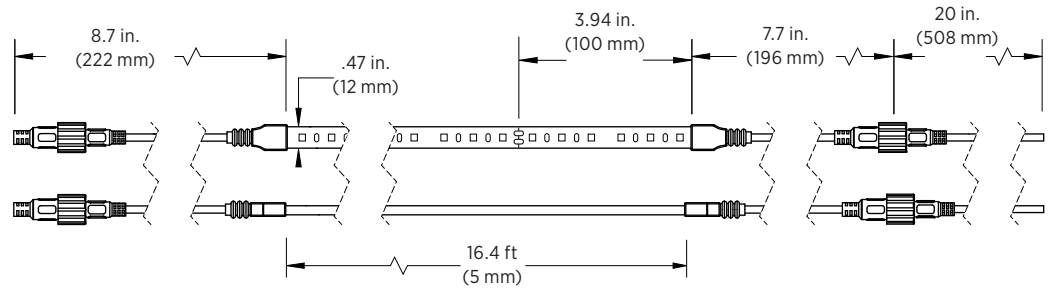
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DIMENSIONAL DRAWINGS

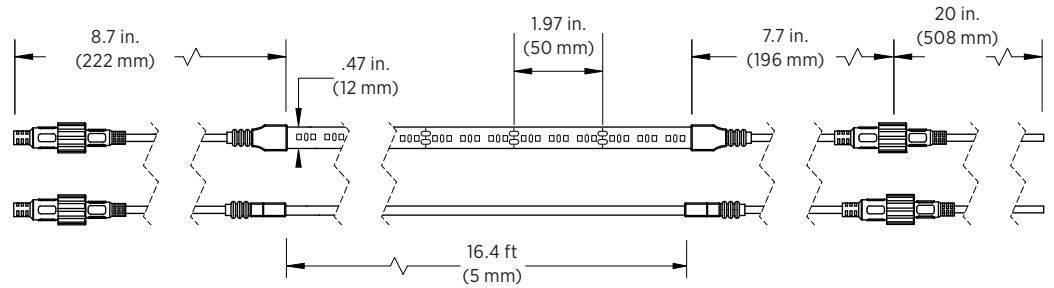
STW-AxK90-C6F-10B5M-24V

- 24.6 ft (7.5 m) max run



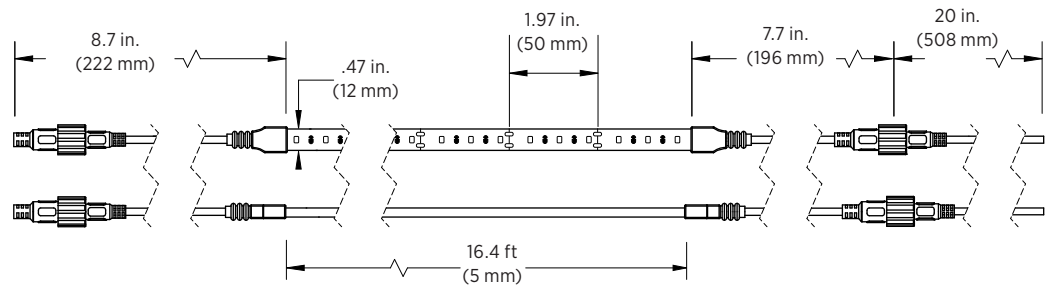
STW-AxK90-C6F-10C5M-24V

- 24.6 ft (7.5 m) max run



STW-AxK90-C3F-10B5M-12V

- 21.3 ft (6.5 m) max run

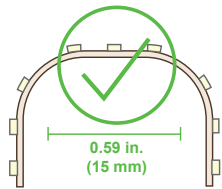


Caution: When cutting strip into shorter sections, sealant and silicone end cap must be properly installed to maintain IP67 rating.

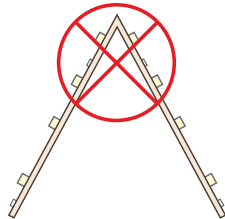
Note: The strip height for all strips shown is 0.2 in. (5 mm).

STRIP FLEXIBILITY

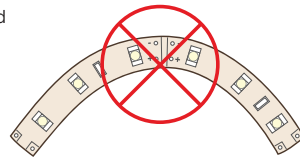
Bending strips at sharp angles will damage circuit traces and void warranty.



Bends less than 15mm will damage circuit traces and void warranty.



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



NOTES



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