superbrightleds.com

HighLight LED Strip Lights
2835 Strip Specifications

Project_____

Date_____Type_____

HL-IP20-Color-5m

ACCESSORIES

Power Supplies

Strip Connectors

Controllers and Switches

Mounting Hardware and Housings

FEATURES

- 12 or 24 VDC input available
- Multiple density options
- LED lifetime of 50,000 hours (L70)
- 10 mm strip width
- 3M adhesive backing
- Operating temperature of -4°–113° F (-20°–45° C)
- IP20 environmental rating

APPLICATIONS

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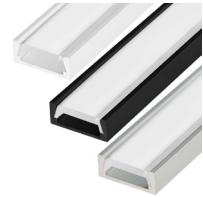
AVAILABLE VERSIONS

18 LEDs/ft (60 LEDs/m)

- ☐ STN-BBLU-C3A-10B5M-12V
- ☐ STN-BBLU-C6A-10B5M-24V
- ☐ STN-BGRE-C3A-10B5M-12V
- ☐ STN-BGRE-C6A-10B5M-24V
- ☐ STN-BRED-C3A-10B5M-12V
- ☐ STN-BRED-C6A-10B5M-24V

36 LEDs/ft (120 LEDs/m)

- ☐ STN-BBLU-C3A-10C5M-12V
- ☐ STN-BBLU-C6A-10C5M-24V
- ☐ STN-BGRE-C3A-10C5M-12V
- ☐ STN-BGRE-C6A-10C5M-24V
- ☐ STN-BRED-C3A-10C5M-12V
- ☐ STN-BRED-C6A-10C5M-24V

SAMPLE PART NUMBER BREAKDOWN

STN-BRED-C6A-10C5M-24V

FAMILY / CATEGORY / COLOR			LED TYPE / SEGMENT		IP RATING	SIZE / DENSITY / VOLTAGE			
STN Strip Type	**B** Strip Type	**RED** Color	**C** LED Type	**6** LED/Segment	**A** IP Rating	**10** Strip Width	**C** Density	**5M** Length	**24V** Voltage
STN: Non-weatherproof	B: Single Color	BLU: Blue GRN: Green RED: Red	C: 2835	3: 3 LED/seg 6: 6 LED/seg	A: IP20	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 **STN-**	**Bx-C3A-10B5M-12V**	**Bx-C6A-10B5M-24V**	**Bx-C3A-10C5M-12V**	**Bx-C6A-10C5M-24V**
Power Consumption	59 W (total for 5 m)		69 W (total for 5 m)	
Current Draw	300 mA /ft	150 mA /ft	350 mA/ft	175 mA /ft
Brightness	310 lm/ft		395 lm/ft	
Efficacy	86 lm/W		94 lm/W	
Beam Angle	120°			
Max Run	24.6 ft (7.5 m)	24.6 ft (7.5 m)	16.4 ft (5 m)	21.3 ft (6.5 m)

RoHS Compliant   CE   UL LISTED   LIFE TIME WARRANTY

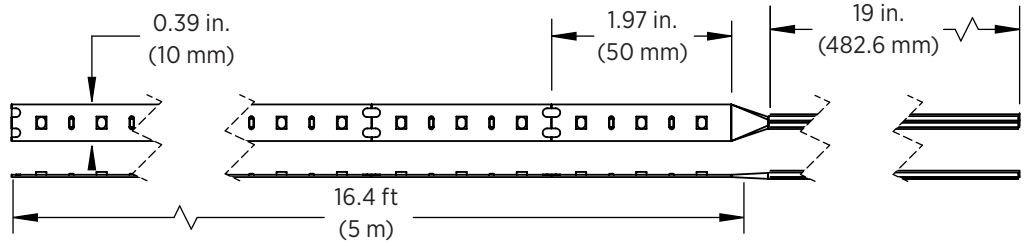Specifications are subject to change without notice.

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DIMENSIONAL DRAWINGS
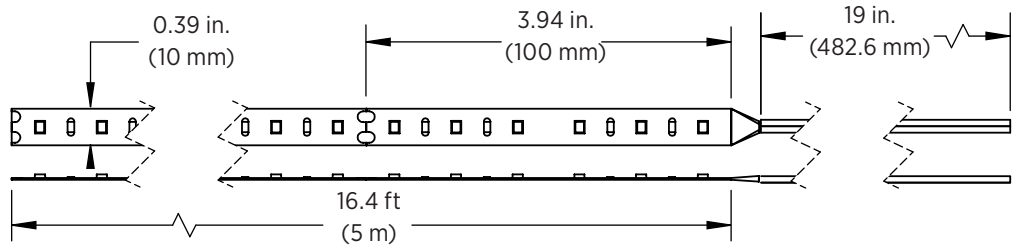
STN-x-C3A-10B5M-12V
- 24.6 ft (7.5 m) max run

0.39 in. (10 mm) 1.97 in. (50 mm) 19 in. (482.6 mm)

16.4 ft (5 m)

STN-x-C3A-10C5M-12V
- 16.4 ft (5 m) max run

0.39 in. (10 mm) 0.98 in. (25 mm) 19 in. (482.6 mm)

16.4 ft (5 m)
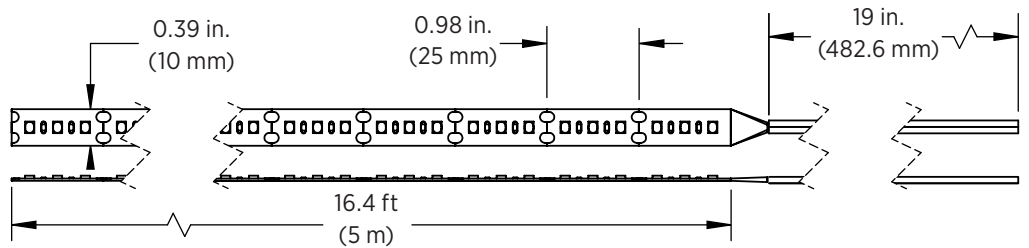
STN-x-C6A-10B5M-24V
- 24.6 ft (7.5 m) max run

0.39 in. (10 mm) 3.94 in. (100 mm) 19 in. (482.6 mm)

16.4 ft (5 m)

STN-x-C6A-10C5M-24V
- 21.3 ft (6.5 m) max run

0.39 in. (10 mm) 1.97 in. (50 mm) 19 in. (482.6 mm)
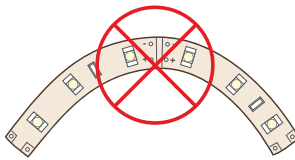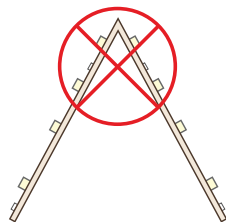
16.4 ft (5 m)
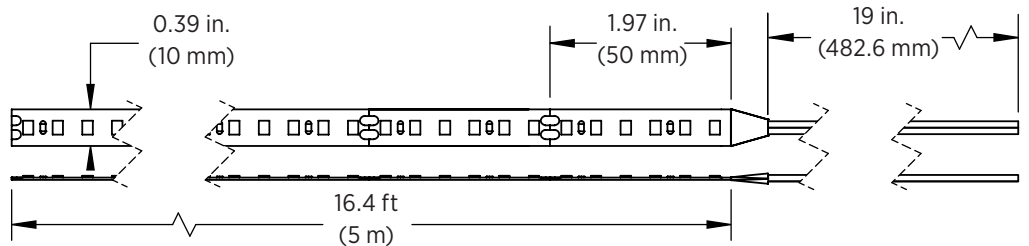
Note: The strip height for all strips shown is 0.06 in. (1.5 mm).

STRIP FLEXIBILITY

0.59 in. (15 mm)
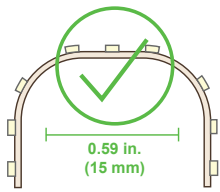
Bends less than 15mm will damage circuit traces and void warranty.

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

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

RoHS Compliant · CE · UL LISTED · LIFETIME WARRANTY

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