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Radiant LED Strip Lights
5050 Strip Specifications

Project_____

Date_____Type_____

RA-IP20-Color-5m

FEATURES

- 12 or 24 VDC input available
- LED lifetime of 50,000 hours (L70)
- 10 mm overall 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.

ACCESSORIES

Power Supplies

Strip Connectors

Controllers and Switches

Mounting Hardware and Housings

AVAILABLE VERSIONS

12V

- ☐ STN-BBLU-A3A-10B5M-12V
- ☐ STN-BGRE-A3A-10B5M-12V
- ☐ STN-BRED-A3A-10B5M-12V

24V

- ☐ STN-BBLU-A6A-10B5M-24V
- ☐ STN-BGRE-A6A-10B5M-24V
- ☐ STN-BRED-A6A-10B5M-24V

SAMPLE PART NUMBER BREAKDOWN

STN-BRED-A6A-10B5M-24V

FAMILY / CATEGORY / COLOR			LED TYPE / SEGMENT		IP RATING	SIZE / DENSITY / VOLTAGE			
STN Strip Type	**B** Strip Type	**RED** Color	**A** LED Type	**6** LED/Segment	**A** IP Rating	**10** Strip Width	**B** Density	**5M** Length	**24V** Voltage
STN: Non-weatherproof	B: Single Color	BLU: Blue GRN: Green RED: Red	A: 5050	3: 3 LED/seg 6: 6 LED/seg	A: IP20	10: 10 mm	B: 60 LEDs/m	5M: 16.4 ft (5 m)	12V: 12 V 24V: 24 V

SPECIFICATIONS

Model **STN-**	x-A3A-10B5M-12V	x-A6A-10B5M-24V
Power Consumption	64 W (total for 5 m)	
Current Draw	325 mA /ft	163 mA /ft
Brightness	305 lm/ft	
Efficacy	78 lm/W	
Beam Angle	120°	
Max Run	16.4 ft (5 m)	23 ft (7 m)

RoHS Compliant CE UL LISTED LIFE TIME WARRANTY

Specifications are subject to change without notice.

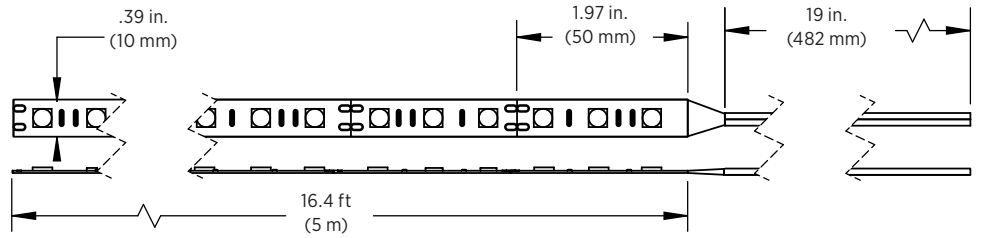## HighLight LED Strip Lights
5050 Strip Specifications

DIMENSIONAL DRAWINGS

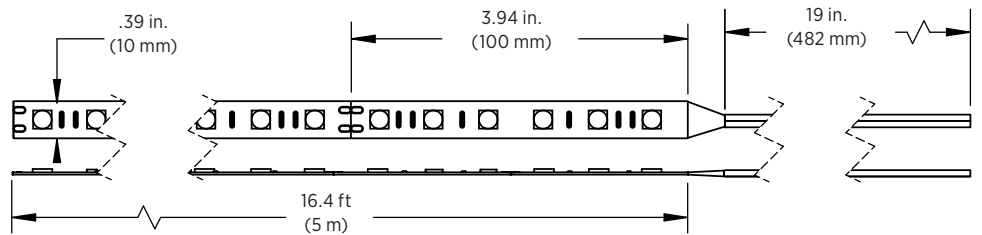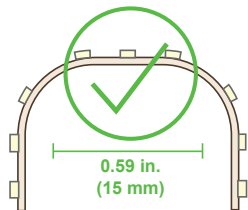**STN-x-A3A-10B5M-12V**
- 16.4 ft (5 m) max run

.39 in.
(10 mm)

1.97 in.
(50 mm)

19 in.
(482 mm)

16.4 ft
(5 m)

STN-x-A6A-10B5M-24V
- 23 ft (7 m) max run

.39 in.
(10 mm)

3.94 in.
(100 mm)

19 in.
(482 mm)

16.4 ft
(5 m)

Note: The strip height for all strips shown is 0.08 in. (2 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.
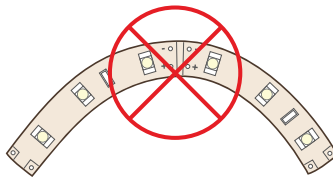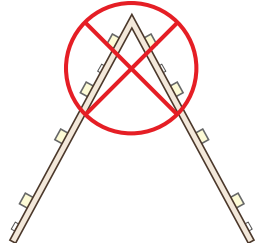
Bending strips on horizontal plane will damage circuit traces and void warranty.

NOTES

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