

FEATURES

- Addressable RGB LEDs allow for custom light design and color chasing capability
- Compatible with a wide range of controllers using WS2811 IC
- 3M adhesive backing
- IP20 or IP67 options for virtually any environment

AVAILABLE VERSIONS

5 VDC

- STN-PCRGB-A1A-10A3M-5V
 STW-PCRGB-A1E-10A3M-5V

12 VDC

- STN-PCRGB-A3A-10B5M-12V
 STW-PCRGB-A3E-10B5M-12V

APPLICATIONS

Some common applications include sign lighting, back-lighting, accent lighting, and light show and light design applications at various types of venues.

SAMPLE PART NUMBER BREAKDOWN **STN-PCRGB-A1A-10A3M-5V**

FAMILY / CATEGORY / COLOR			LED TYPE / SEGMENT			SIZE / DENSITY / VOLTAGE			
STN Strip Type	PC Strip Type	RGB Color	A LED Type	1 LED/Segment	A IP Rating	10 Strip Width	A Density	3M Length	5V Voltage
STN: Non-weatherproof STW: Weatherproof	PC: RGB Addressable	RGB: RGB	A: 5050	1: 1 LED/seg 3: 3 LED/seg	A: IP20 E: IP67	10: 10 mm	A: 30 LEDs/m	3M: 9.84 ft (3 m)	5V: 5 V 12V: 12 V

SPECIFICATIONS

Model	STN-PCRGB-A1A-10A3M-5V	STW-PCRGB-A1E-10A3M-5V	STN-PCRGB-A3A-10B5M-12V	STW-PCRGB-A3A-10B5M-12V
Power Consumption	21.6 W (total for 3 m)		60 W (total for 5m)	
Current Draw	440 mA /ft		417 mA/ft	
Beam Angle	120°			
IP Rating	IP20	IP67	IP20	IP67
Ambient Operating Temperature	-4°-113° F (-20°-45° C)			
LED Lifetime	36,000 hours			
Max Run	9.84 ft (3 m)		16.4 ft (5 m)	

ACCESSORIES

Power Supplies



Controllers and Switches



Mounting Hardware and Housings



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Specifications are subject to change without notice.

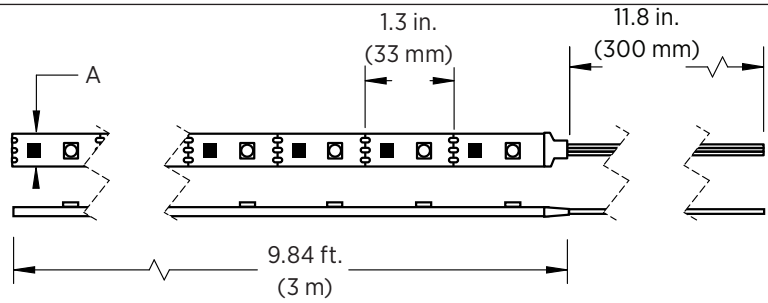
Addressable RGB LED Strip Lights

Dream Color Series Strip Specifications

DIMENSIONAL DRAWINGS

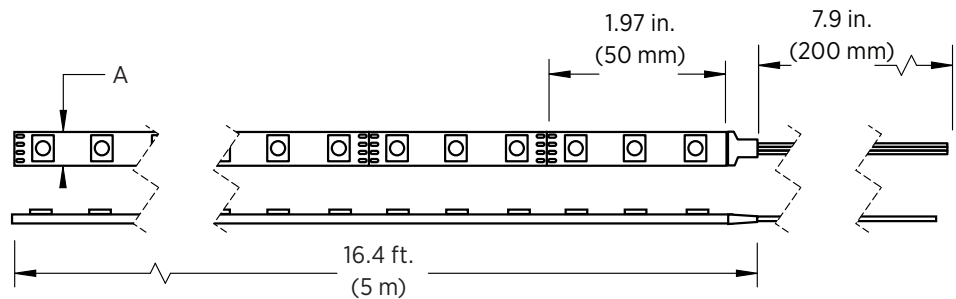
STx-PCRGB-A1x-10A3M-5V

- 9.84 ft (3 m) max run



STx-PCRGB-A3x-10A3M-12V

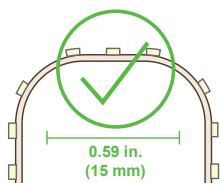
- 16.4 ft (5 m) max run



Model	STN-PCRGB-A1A-10A3M-5V	STW-PCRGB-A1E-10A3M-5V	STN-PCRGB-A3A-10B5M-12V	STW-PCRGB-A3A-10B5M-12V
A	0.4 in. (10 mm)	0.47 in. (12 mm)	0.4 in. (10 mm)	0.47 in. (12 mm)

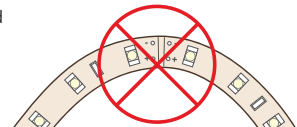
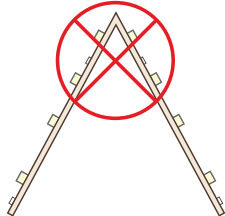
Note: The strip height for IP20 strips shown is 0.08 in. (2 mm). Height for IP67 strips is 0.2 in. (5 mm).

STRIP FLEXIBILITY



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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