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Addressable RGB LED Strip Lights
Dream Color Series Strip Specifications

Project_____

Date_____Type_____

DCS-IP20-5V-3m

AVAILABLE VERSIONS
- ☐ STN-PCRGB-A1A-10A3M-5V
- ☐ STW-PCRGB-A1E-10A3M-5V

SAMPLE PART NUMBER BREAKDOWN

STN-PCRGB-A1A-10B3M-5V

SERIES / TYPE / COLOR				LED TYPE / SEGMENT		IP RATING	SIZE / DENSITY / VOLTAGE		
STN Series	**PC** Strip Type	**RGB** Color	**A** LED Type	**1** LED/Segment	**A** IP Rating	**10** Strip Width²	**A** Density	**3M** Length	**5V** Voltage
STN: Non-weatherproof STW: Weatherproof	PC: Addressable RGB	RGB: RGB	A: 5050	1: 1 LEDs/seg	A: IP20 E: IP67	10: 10 mm	A: 30 LEDs/m	3M: 9.84 ft (3 m)	5V: 5 V

SPECIFICATIONS

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

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

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

ACCESSORIES

Power Supplies

Controllers and Switches

Mounting Hardware and Housings

UL LISTED

5 yr WARRANTY

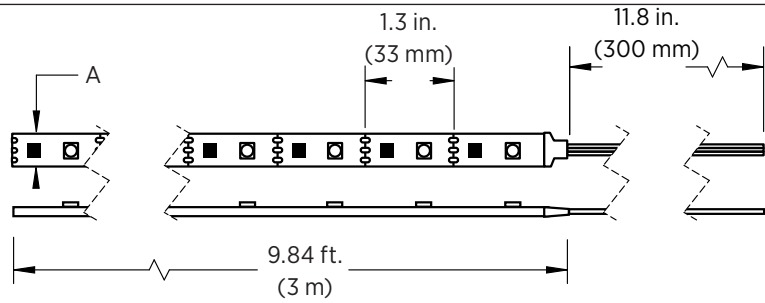Specifications are subject to change without notice.

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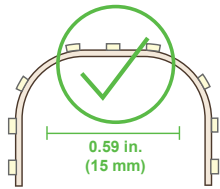### DIMENSIONAL DRAWINGS

STx-PCRGB-A1x-10A3M-5V

• 9.84 ft (3 m) max run

1.3 in. (33 mm)

11.8 in. (300 mm)

A

9.84 ft. (3 m)

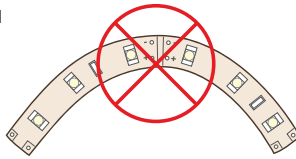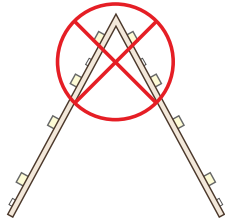| Model	STN-PCRGB-A1A-10A3M-5V	STW-PCRGB-A1E-10A3M-5V
A	0.4 in. (10 mm)	0.47 in. (12 mm)

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

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.

UL LISTED

5 yr WARRANTY

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