HighLight LED Strip Lights
2835 Strip Specifications

Project_____

Date_____Type_____

HL-IP67-Color-5m

FEATURES

- 12 or 24 VDC input available
- 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.

ACCESSORIES

Power Supplies

Strip Connectors

Controllers and Switches

AVAILABLE VERSIONS

- ☐ STW-BAMB-C3F-10B5M-12V
- ☐ STW-BAMB-C6F-10B5M-24V
- ☐ STW-BBLU-C3F-10B5M-12V
- ☐ STW-BBLU-C6F-10B5M-24V
- ☐ STW-BGRE-C3F-10B5M-12V
- ☐ STW-BGRE-C6F-10B5M-24V
- ☐ STW-BRED-C3F-10B5M-12V
- ☐ STW-BRED-C6F-10B5M-24V
- ☐ STW-BYEL-C3F-10B5M-12V
- ☐ STW-BYEL-C6F-10B5M-24V

SAMPLE PART NUMBER BREAKDOWN

STW-BRED-C6F-10B5M-24V

FAMILY / CATEGORY / COLOR			LED TYPE / SEGMENT		IP RATING	SIZE / DENSITY / VOLTAGE			
STW	**B**	**RED**	**C**	**6**	**F**	**10**	**B**	**5M**	**24V**
Strip Type	Strip Type	Color	LED Type	LED/Segment	IP Rating	Strip Width	Density	Length	Voltage
STW: Weatherproof	B: Single Color	AMB: Amber BLU: Blue GRN: Green RED: Red YEL: Yellow	C: 2835	3: 3 LED/seg 6: 6 LED/seg	F: IP67	10: 10 mm	B: 60 LEDs/m	5M: 16.4 ft (5 m)	12V: 12 V 24V: 24 V

SPECIFICATIONS

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

RoHS Compliant   CE   UL LISTED   LIFETIME WARRANTY

Specifications are subject to change without notice.

superbrightleds.com

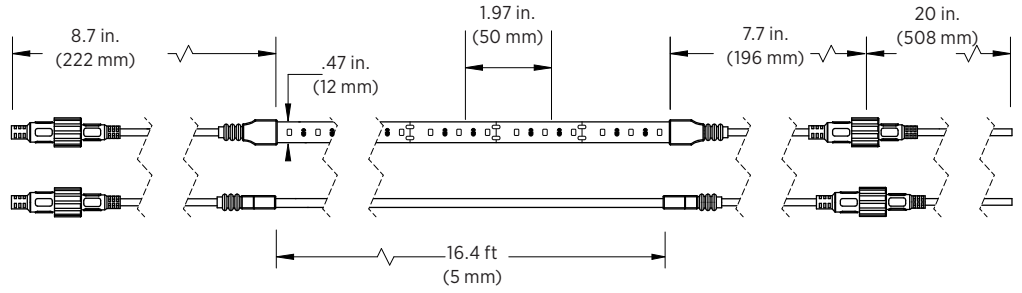## HighLight LED Strip Lights
2835 Strip Specifications

DIMENSIONAL DRAWINGS

STW-Bx-C3F-10B5M-12V

• 24.6 ft (7.5 m) max run

8.7 in. (222 mm)
.47 in. (12 mm)
1.97 in. (50 mm)
7.7 in. (196 mm)
20 in. (508 mm)
16.4 ft (5 mm)

STW-Bx-C6F-10B5M-24V

• 24.6 ft (7.5 m) max run

8.7 in. (222 mm)
.47 in. (12 mm)
3.94 in. (100 mm)
7.7 in. (196 mm)
20 in. (508 mm)
16.4 ft (5 mm)
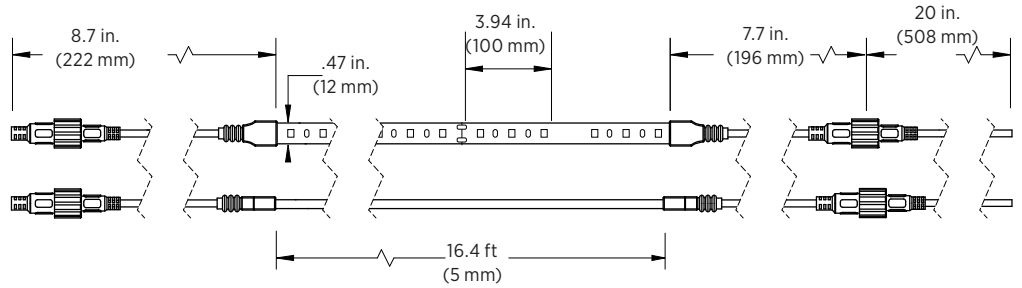
Caution: When cutting strip into shorter sections, sealant and silicone end cap must be properly installed to maintain IP67 raiting.
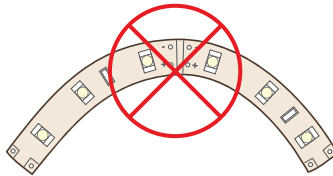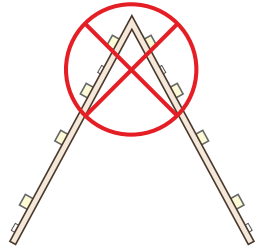
Note: The strip height for all strips shown is 0.2 in. (5 mm).

STRIP FLEXIBILITY

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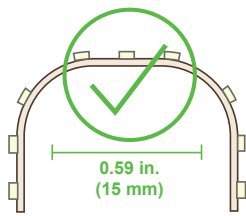
Bends less than 15mm will damage circuit traces and void warranty.

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

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

NOTES

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