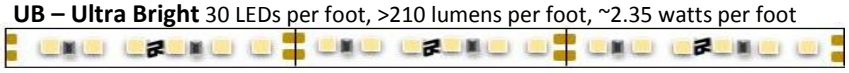
inspired LED — Flexible LED Strip Lights

Inspired LED **Flexible Strip Lights** are a simple, customizable solution for all of your LED lighting needs. These unique strips can be cut to length and terminated with solderless end connectors for easy DIY installation. Energy efficient, with a wide range of options for brightness and color, LED Flex Strips are the perfect option for any lighting application.

NB – Normal Bright 9 LEDs per foot, >60 lumens per foot, ~0.65 watt per foot

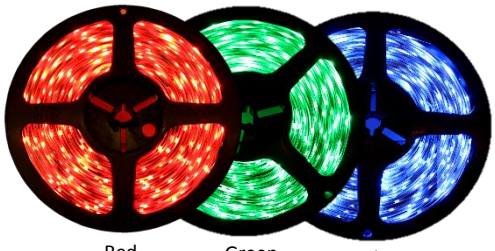
SB – Super Bright 18 LEDs per foot, >125 lumens per foot, ~1.5 watts per foot

UB – Ultra Bright 30 LEDs per foot, >210 lumens per foot, ~2.35 watts per foot



MB – Mega Bright 36 LEDs per foot, >235 lumens per foot, ~2.55 watts per foot

Warm White 3000K | Pure White 4200K | Cool White 6000K



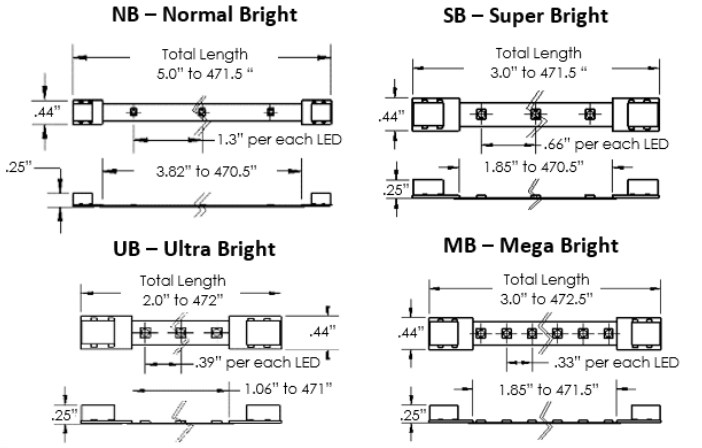
Red | Green | Blue

Available in NB & SB Only | NB, SB & UB Only

Product Features

- Minimal Heat Production- No IR or UV
- Available in various colors and brightness levels
- Custom pre-cut lengths or full 12m reels
- Adhesive mounts to almost any clean flat surface
- Class 2 DC plug in connectors (3.5 x 1.3 mm) or screw terminal end-connectors available
- Dimmable with compatible components
- Rated to last up to 100,000 hours
- ***To be installed in accordance with NEC, using Class 2 12V DC power supply only***

C SA US



Installation Instructions

1. Clean desired mounting surface(s) and test all products prior to installation

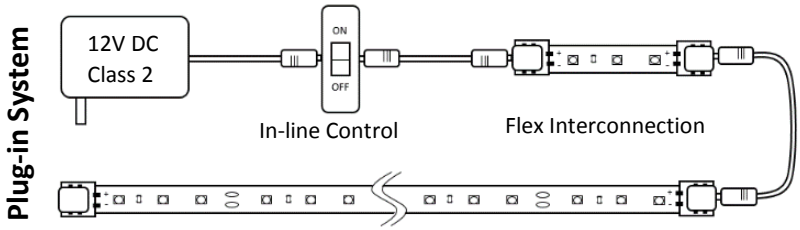
2. Temporarily mount LED flex strips in desired location using scotch or painter's tape

3. Connect LED strips using compatible interconnect cables, or tiger paw screw terminals with bulk 18-22 AWG wire

4. If using class 2 plug-in power supply connect first string of lights to controller, then connect to power

5. If using hardwire transformer connect first string of lights directly to transformer, then connect to high voltage wall switch *(see transformer spec for more detail)*

6. When satisfied with placement, peel adhesive backing from strips and press firmly to secure LEDs in place



Power Source	Maximum Length of LED Flex Strip Lighting			
	Normal Bright*	Super Bright**	Ultra Bright***	Mega Bright****
1 Amp / 1 Amp Mini (12 Watt)	154.5" (10.8 Watts)	70" (10.8 Watts)	40.5" (10.8 Watts)	38.5" (10.8 Watts)
1.5 Amp Skinny (18 Watt)	205.5" (16.1 Watts)	101.5" (15.5 Watts)	59.5" (16.1 Watts)	50" (16.1 Watts)
2 Amp (24 Watt)	274.5" (21.6 Watts)	135" (21.6 Watts)	81" (21.6 Watts)	76" (21.6 Watts)
40 Watt Dimmable Transformer	456" (36 Watts)	227.5" (36 Watts)	133.5" (36 Watts)	129" (36 Watts)
3.8 Amp (45.6 Watt)	520" (41 Watts)	259" (41 Watts)	153" (41 Watts)	146.5" (41 Watts)
5 Amp (60 Watt)	684" (54 Watts)	339.5" (54 Watts)	200" (54 Watts)	192" (54 Watts)
60 Watt Dimmable Transformer	684" (54 Watts)	339.5" (54 Watts)	200" (54 Watts)	192" (54 Watts)
100 Watt Dimmable Transformer	1140" (90 Watts)	568" (90 Watts)	335" (90 Watts)	320" (90 Watts)

*Individual strips over 200" should be powered from the center of the strip, individual strips should not exceed 400" in length.
**Individual strips over 150" should be powered from the center of the strip, individual strips should not exceed 300" in length.
*** Individual strips over 105" should be powered from the center of the strip, individual strips should not exceed 210" in length.
**** Individual strips over 100" should be powered from the center of the strip, individual strips should not exceed 200" in length.