



Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from,Europe,America and south Asia,supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of “Quality Parts,Customers Priority,Honest Operation,and Considerate Service”,our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



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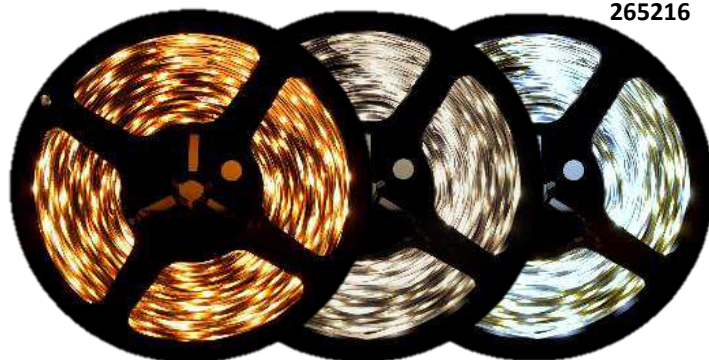


inspired LED

# 12V Flexible LED Strip Lights

**Mega Bright White**  <sup>®</sup>  
C US  
265216

Inspired LED's **12 Volt Mega Bright Flexible Strip Lights** are an ideal solution for illuminating garages, workshops, and other areas where "too much" light is just right. Available in custom lengths or 12 meter reels, these unique strips can easily be cut and terminated with solderless end connectors for quick DIY installation. Energy efficient, long lasting, and dimmable with compatible systems, Inspired LED flex strips are the perfect option for any lighting application!



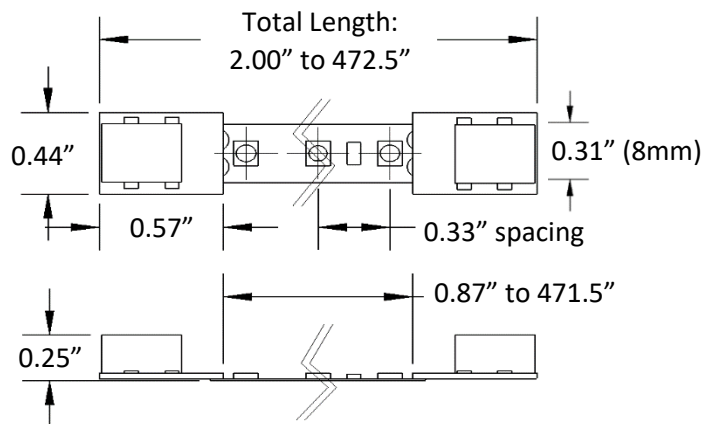
Warm White    Pure White    Cool White

<b>Specifications:</b>	Voltage	LED Density	Wattage	Luminosity	Color Temp	CRI
Warm White	12V	36 LEDs/ft., 120 LEDs/m	~3W/ft.	260 lm/ft.	3000K	92
Pure White	12V	36 LEDs/ft., 120 LEDs/m	~3W/ft.	275 lm/ft.	4200K	93
Cool White	12V	36 LEDs/ft., 120 LEDs/m	~3W/ft.	280 lm/ft.	6000K	92

**Product Features:**

- Size 2835 diodes , 0.33" between each LED
- 8mm flex, cut points available every 1" (3 LEDs)
- Available in custom pre-cut lengths or full 12m reels
- Class 2 DC plug-in connectors (3.5 x 1.3 mm) or screw terminal end connectors available
- Adhesive backing mounts to almost any flat surface
- Minimal heat production, no IR or UV output
- Dimmable with compatible systems
- Rated to last up to 100,000 hours
- CSA C22.2 No. 250.0-08/ANSI/ UL Standard 1598, 8750
- **To be installed in accordance with NEC, using Class 2 12V DC power supply!**

**Product Dimensions:**



**Power Requirements:**

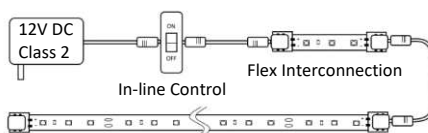
Power Source	Max Length
1 Amp (12 W)	41.5" (10W)
2 Amp (24 W)	84.5" (21W)
40W Transformer	140" (36W )
3.8 Amp (45.6 W)	160.5" (41W)
5 Amp (60 W)	211.5" (54W)
60W Transformer	211.5" (54W)
100W Transformer	351.5" (90W)
150W Transformer	527.5" (135W)

*\*70% brightness at 143.5". Longer strips should be powered from center to avoid further voltage drop.*

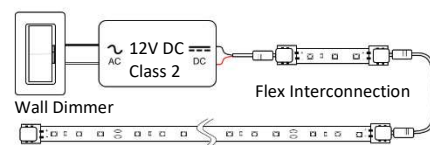
**Installation Instructions:**

1. Clean desired mounting surface(s) and test all products prior to installation.
2. Temporarily mount LED flex strips using scotch or painters tape.
3. Connect LED strips with compatible interconnect cables or 16-22 AWG wire.
4. Run cable from LED system to control device and 12V Class 2 power source (see diagrams below for more detail).
5. Test lighting system. When satisfied with placement, peel adhesive backing from components and press firmly to adhere to surface.

**Plug-in System**



**Hardwire System**



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