

# 24V Mega Bright 100Ω | 36 LEDs/ft

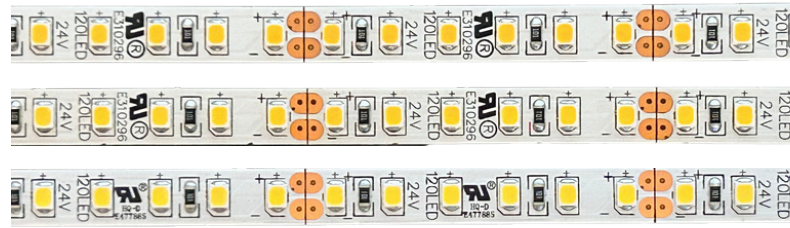
Flexible LED Strips

Inspired LED

SKU: 24V-MB100-XXXXK-39FT

## For the brightest task light

Inspired LED's 24 Volt Mega Bright 100ohm Flexible LED Strips are perfect for task lighting situations that demand a high lumen output. Offered in custom lengths or 12-meter reels, these versatile strips can be easily cut to size and fitted with solderless connectors for straightforward DIY installation. Energy-efficient, durable, and compatible with dimmable systems, Inspired LED flex strips are an excellent choice to add the perfect finishing touches to any project!

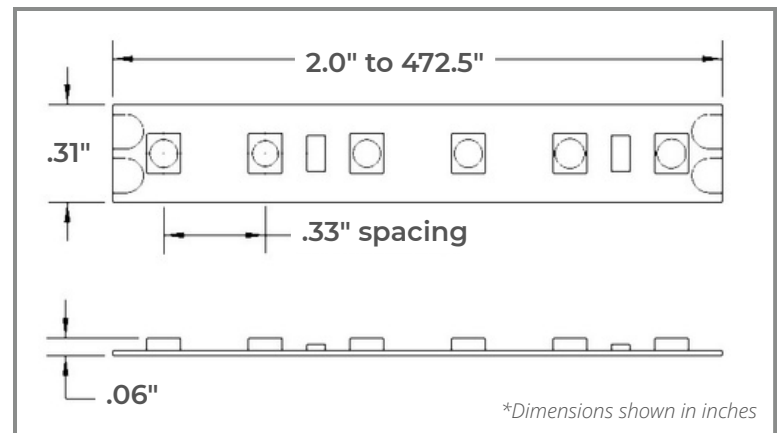


SKU	Product	Voltage	LED Density	Wattage	Lumens	Kelvin Temp.	CRI
24V-MB100-2500K-39FT	Mega Bright 100ohm Warm White	24V DC	36 LEDs/ft., 120 LEDs/M	5.5 W/ft	450 lm/ft	2500K	93
24V-MB100-3000K-39FT	Mega Bright 100ohm Pure White	24V DC	36 LEDs/ft., 120 LEDs/M	5.5 W/ft	530 lm/ft	3000K	93
24V-MB100-4100K-39FT	Mega Bright 100ohm Cool White	24V DC	36 LEDs/ft., 120 LEDs/M	5.5 W/ft	540 lm/ft	4100K	93

## Product Features:

- Size 2835 diodes, 0.33" spacing between each LED
- 8mm flex, cut points available every 2" (6 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 50,000 hours
- CSA C22.2 No. 250.0-08/ANSI/ UL Standard 1598, 8750
- **To be installed in accordance with NEC, using Class 2 24V power supply!**

## Product Dimensions:



### Power Source

Power Source	Max LED Length
40 Watt Transformer	70" (6ft)
60 Watt Transformer	105" (9ft)
4 AMP (96W) Power Supply	168" (14ft)
150 Watt EMCOD Transformer	262" (22ft)
200 Watt EMCOD Transformer	349" (29ft)
300 Watt EMCOD Transformer	524" (44ft)

*\*Individual strips over 300" should be powered from the center, strips should not exceed 600"*

## 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.

