

Outdoor Flexible LED Strips

Normal Bright 30 LED/M

SKU: NB-XXXX-Outdoor-C

Inspired LED

Bring all the comforts of home to the great outdoors with the **Weather- Resistant Outdoor LED Flex**. A lightweight weatherproof silicone casing makes this LED flex perfect for lighting patios, stairs, walkways, gazebos, and more! This versatile product is easy to install, and easy to customize using our line of convenient LED accessories. Other color temperatures and brightness levels are available upon request. Contact us today for a custom quote!



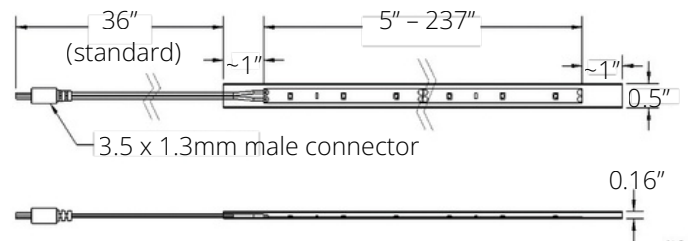
Product Features:

- CSA Listed (C22.2 No. 250.0-08)
- Size 2835 diodes in weather-resistant silicone casing (0.5" / 13mm wide)
- Available in warm white (~3000K), pure white (~4200K) and cool white (~6000K), red (~520nm), blue (~470nm), and green (~620nm)
- Custom pre-cut lengths up to 20ft with 36" male lead (3.5 x 1.3mm barrel)
- Minimal heat production- no IR or UV
- Dimmable with compatible systems
- Rated to last up to 50,000 hours
- Requires 12V Class 2 DC power source (AC/DC diode bridge available for use with AC transformers)

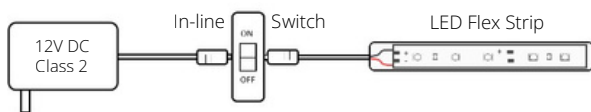
Specifications:



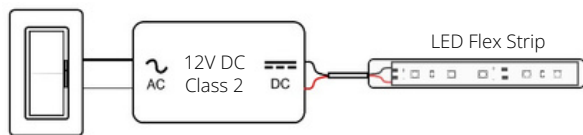
- 9LEDs/ft., 30 LEDs/meter
- Includes 3ft (36") lead with 3.5 x 1.3mm male plug
- Available in 12VDC or 12VAC (with diode bridge)
- Class 2 Power, draws ~0.75W/ft.
- ~55 Lumens per foot (10% loss through silicone)
- 90 CRI



Plug-In System Install



Hardwired System Install with a DC Transformer



12V Normal Bright Outdoor Flex Power Requirements

20 Watt Dimmable Transformer	256"	(16W)
2 AMP Plug-In Power Supply (24W)	312"	(19.5W)
40 Watt Dimmable Transformer	512"	(32W)
60 Watt Dimmable Transformer	768"	(48W)
5 AMP Plug-In Power Supply (60W)	768"	(48W)
60 Watt Mean Well Direct-Wire Driver	864"	(54W)
100 Watt Dimmable Transformer	1280"	(80W)
200 Watt Dimmable Transformer	2560"	(160W)
264 Watt Mean Well (HLG-320) Driver	3792"	(237W)
300 Watt Dimmable Transformer	3840"	(240W)

Installation Instructions:

1. **Prepare & Test** - Clean the mounting surface and test all components prior to installation.
2. **Temporary Placement** - Position LED strips using painter's or masking tape to confirm layout.
3. **Permanent Mounting** - Secure strips using clear mounting clips (sold separately) or outdoor-rated silicone adhesive (recommended for longevity). If using silicone, allow 4-6 hours to cure.
4. **Wiring** - These strips do not interconnect end-to-end. Each strip includes a cable lead that must terminate back to the power source. Strip insulation and connect to a DC power supply or existing low-voltage wiring.
5. **Polarity** - Maintain correct polarity when wiring:
 - a. Side with faint white writing = Positive (+)
 - b. Blank side = Negative (-)
6. **Hardwire Installations** - If connecting to a hardwired transformer or existing cable, cut off the male barrel connector and terminate the wires directly to the power source.
7. **Verify Operation** - Turn system on and confirm proper functionality.

Installer Notes - Avoid sharp bends, do not submerge strip in water, seal exposed wire connections for outdoor use, and follow recommended mounting practices for best performance.