Microline Series - Flexible LED Strip Light - 14V
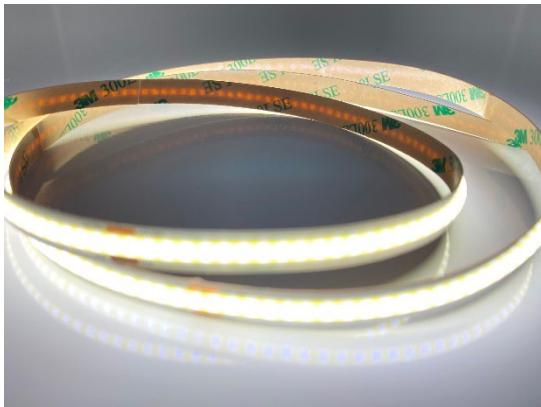
Specifications:

Series:	AL-ML14
Color Suffix:	-NW (Natural White 4,000k); -R (Red); -B (Blue)
Voltage:	14 Volt DC
Power:	3.10 Watts/ft
Dimensions:	0.31 " width x 0.10" height x 16.4ft (5 meters) max uncut length
Cut Interval:	2.0 inches
Mounting:	Integrated 3M acrylic adhesive
Environmental:	IP20

Solderless Quick Connector

Wire Termination:

Solderless Quick Connector: Our optional quick connector is an ideal means to add a wiring harness without any need for soldering equipment.
Installation Tips:

- When crimping the connector (squeeze with pliers), it is imperative that the "spikes" on the connector penetrate within the **copper pads** on the face of the led strip, so carefully position the connector while squeezing the contacts to ensure a proper connection. Squeeze until the metal contacts are flush with the plastic connector body. It is recommended to install a length of heat shrink tube over the connector once crimped.
- Although the connector can be installed on either end of the strip, ideally, take note of the power and ground labels on the led strip and position the connector on the end that matches the red/black wire with the voltage/ground labels so that the polarity matches the conventional red:power/black:ground relationship.

Soldering: Conventional soldering techniques can be utilized for any installation. Cover the soldered connection with a length of heat shrink tube to insulate the connection.

Mounting the Strip

For general applications, the integrated 3M acrylic adhesive can be utilized.
*For installations where high ambient temperatures are likely, it is advisable to add a supplemental bead of clear 100% silicone along each side of strip **after** first installing the strip with the adhesive included on the back. This method will withstand high temperatures where the 3M acrylic adhesive may otherwise fail over time if subjected to high ambient temperatures.
Optional Bendable Aluminum Extrusion with frosted diffuser: This optional accessory is ideal to mechanically fasten the strip to the substrate. This method masks the LEDs for aesthetics and eliminates the need for adhesives to mount the strip.

- ***Cutting channel to custom length:** A standard wood Miter Saw will provide a machined cut end that will allow proper fit of the endcap. Cut the channel with the frosted lens installed on the aluminum channel. Pass the blade SLOWLY through the material. For inside curves, the frosted lens may need to be trimmed shorter in order for the ends to match flush.