

LUMISTICK

CUSTOMIZABLE LED LIGHT BAR



PRODUCT OVERVIEW

Input Voltage: 12 V, 24 V (optional)

Operating Temperature: -30 °C (-22 °F) ~ +40 °C (+104 °F)

Location: Dry location only (indoor)

COMPONENTS:

- LumiStick & accessory pack including screws, C clips, adhesive metal block (upon request)
- Diffuser (see specification sheet for options)
- Power adapter
- Dimmer / Controller (optional)



SAFETY

- Ensure mounting materials are non-conductive
- Only install in dry environments

INSTALLATION

MOUNTING:

Mount LumiStick securely using one of these options:

Option 1: Screw Mounting

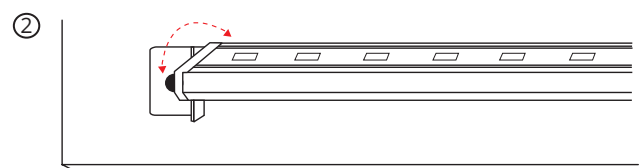
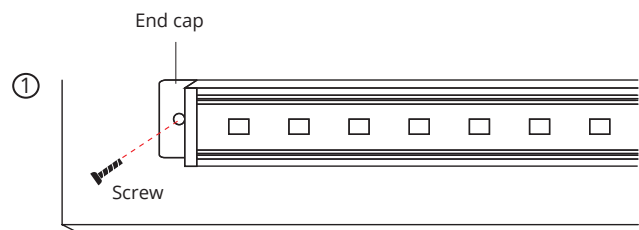
With End Cap Only: Ideal for Angled Mounting

End cap mounting is applicable for LumiSticks less than 24" (609.6 mm) long.

1. Use supplied screws to attach the LumiStick end-cap directly to the substrate

Some substrates may require additional anchoring (e. drywall may require drywall anchors)

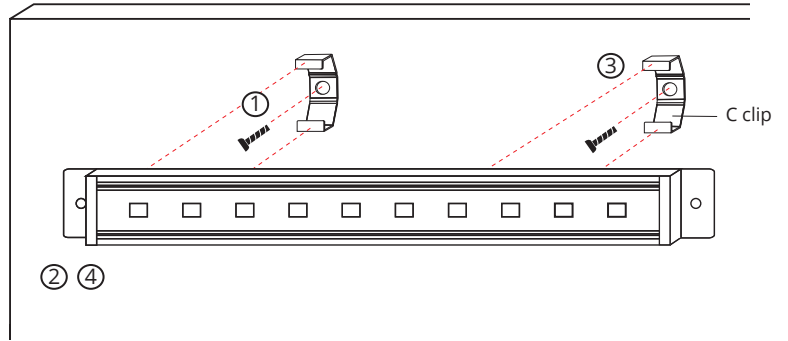
2. Once mounted, tilt LumiStick to desired angle using the end cap swivel



With Extra C Clips: Ideal for Longer LumiSticks

Additional clips are provided to support LumiSticks longer than 24" (609.6 mm).

1. Screw supplied C clips into substrate using screws provided, spacing them evenly, approximately 24" (609.6 mm) apart
2. Remove any optional diffuser from LumiStick by gently pulling it outwards
3. Snap LumiStick into C clips
4. Re-apply any optional diffusers

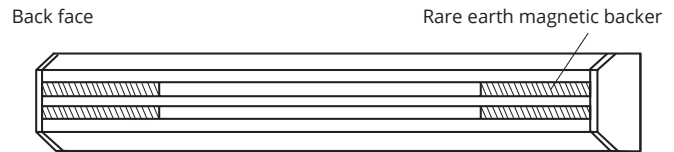


Option 2: Magnet Mounting

On Metallic Surfaces

LumiStick may be ordered with built-in rare earth magnetic backers (upon request). These backers will be located no more than 24" (609.6 mm) apart.

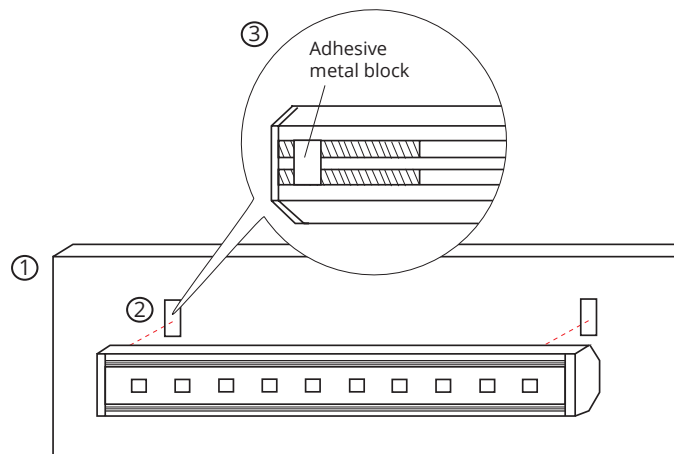
1. Position LumiStick against metallic surfaces, ensuring metal frame or substrate is secure



On Non-Metallic Surfaces with Adhesive Metal Block

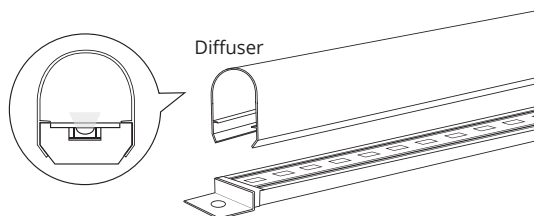
LumiStick may be ordered with adhesive metal blocks (upon request) to allow magnetic installation on non-metallic surfaces.

1. Clean and dry substrate
2. Remove backing from adhesive metal block and apply on the substrate, being sure to place them in alignment with where LumiStick's magnetic backers will sit
3. Place LumiStick backers against the adhesive magnetic blocks on the substrate



DIFFUSING:

Optional diffusers can be snapped on and off with a gentle push / pull.



Contact your DLC representative before attempting any other mounting option.

WIRING:

Determine your system components, including a Class 2 power adapter, as well as optional dimmer and controller (if required). Use only UL certified power adapters with the power output that coordinates with your input voltage. Do not apply 24 VDC to 12 VDC LumiStick.

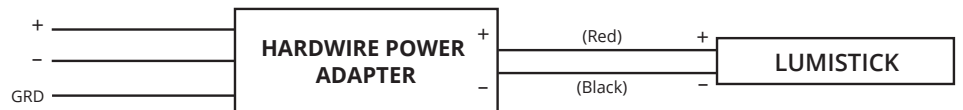
Wiring With Plug-In Power Adapters:

Use a plug-in adapter to connect the LumiStick system to your power source



Wiring With Hardwire Power Adapters:

1. Turn off power to your system at the main breaker
2. Install your system components. Refer to wiring guidelines for each component to build your system
3. Check connections and turn on power at the main breaker



CARE & HANDLING

- Diagrams are examples only. Be sure to consult specification and installation guides for all components in your system. Always ensure you are complying with NEC and local regulations
- Avoid voltage drop by keeping cords from the power adapter as short as possible (standard is 10' at 20 AWG). If the product must be installed far from the power adapter (beyond 20'), cut off the DC plug and use a large gauge (>16 AWG) cord to mitigate a voltage drop
- Multiple LumiStick units wired to a single power adapter are to be connected in parallel to maximize light output and avoid voltage drop
- Multiple LumiStick units must be connected with DLC approved spider cables
- DLC has various dimmer / controller devices. Please contact a representative to choose an option that will best suit your application