

LUMICURTAIN

SUPER BRIGHT LED CURTAIN



PRODUCT OVERVIEW

Input Voltage: 24 VDC constant voltage
 Operating Temperature: -30 °C (-22 °F) ~ +40 °C (+104 °F)
 Location: Dry location only

COMPONENTS:

- LumiCurtain
- Power adapter
- Dimmer (optional)

! SAFETY

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



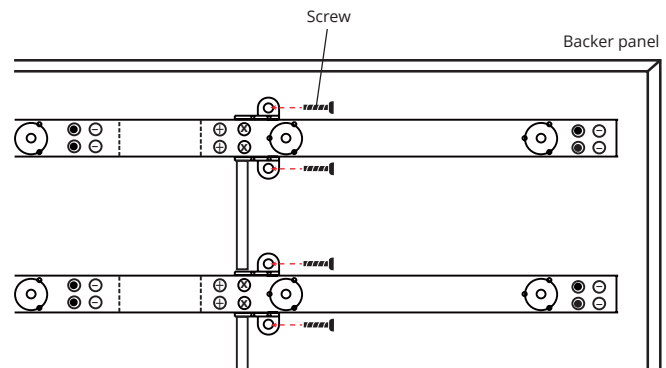
INSTALLATION

MOUNTING:

- LumiCurtain is shipped fully assembled in packaged rolls
- Unroll LumiCurtain and ensure bars are hanging evenly, with no kinks in the wires
- Mount LumiCurtain securely using one of these options:

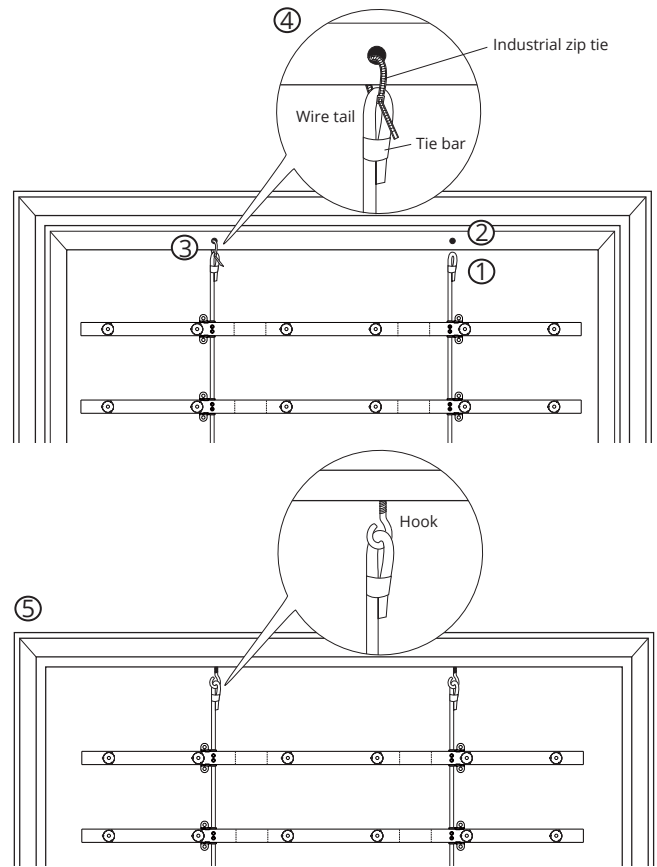
Option 1: Surface Mounted

Secure the LED boards to a backer panel (such as plywood) using screws (not included).



Option 2: Tension Mounted

1. Create a loop in each LumiCurtain wire tail (there are two at the top and two at the bottom of the LumiCurtain unit). Secure loops with a tie bar (not included)
2. Drill one hole in your housing per wire tail
3. Loop an industrial zip tie through each hole in your housing
4. Secure each LumiCurtain wire loop to the housing with the industrial zip tie
5. Alternatively, insert a hook in the housing. Hang your LumiCurtain wire loops on the hooks



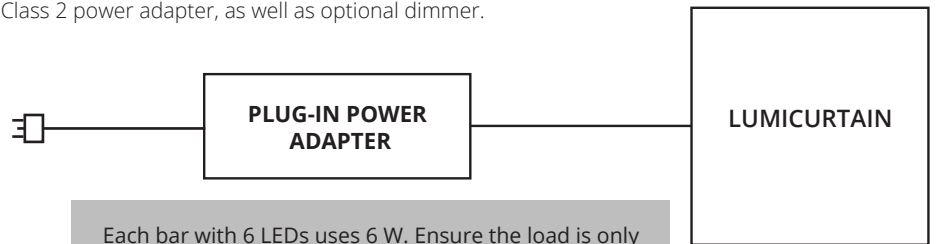
LumiCurtain mounting varies based on application. Contact your DLC representative before attempting any other mounting option.

WIRING:

Determine your system components, including a 24 V Class 2 power adapter, as well as optional dimmer.

Wiring With Plug-In Power Adapters:

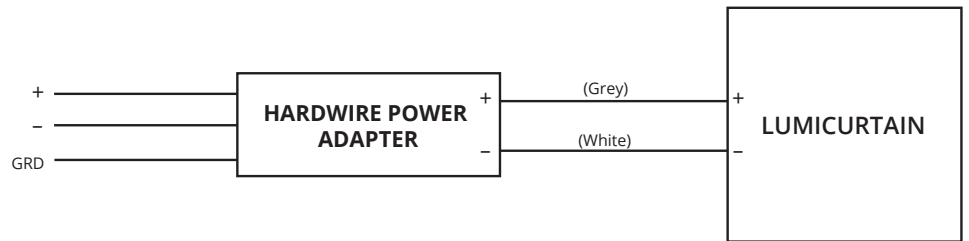
Use a plug-in adapter to connect the LumiCurtain to your power source.



Each bar with 6 LEDs uses 6 W. Ensure the load is only 80% of the maximum load of the power adapter.

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 avoid a voltage drop
- Multiple LumiCurtain units wired to a single power adapter are to be connected in parallel to maximize light output and avoid voltage drop
- DLC LumiSheet has various dimmers. Please contact a representative to choose an option that will best suit your application
- Should a bar arrive unlit, tighten the screws to re-establish the connection