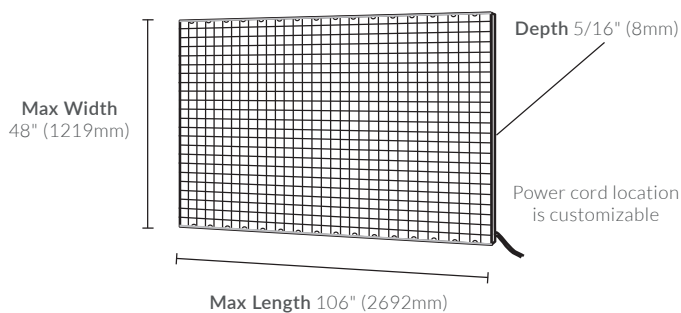
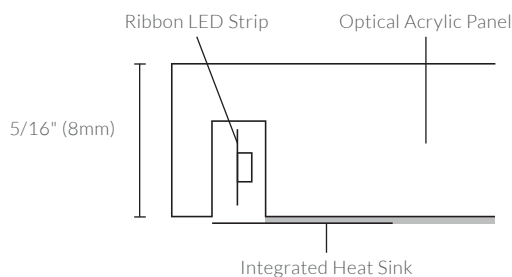


**Product Spec Sheet**
**LUMILIGHT™**

 View more lighting options at  
[www.lumicor.com/lighting](http://www.lumicor.com/lighting)

Highly customizable and easy to install, Lumilight is designed to emit a bright, even output of light across the entire surface of Resin Panels. Lumilight's ultra-slim profile allows for use across all types of interior applications.

**FRONT VIEW**

**PROFILE VIEW**

**FEATURES**
**HIGH PERFORMANCE LIGHTING**

- Ultra-slim profile with integrated heat sink
- Light Guide Plate technology creates even illumination
- Can be custom cut into almost any shape and size
- Uses 70% less energy than fluorescents
- 50,000 hour lifespan

**SPECIFICATIONS**
**ELECTRICAL**
**INPUT VOLTAGE** 12V DC

**POWER CONSUMPTION** 4.9 W/ft max

**WIRE SIZE** 20 AWG 2 wire

**WIRING** Each panel must be connected directly to the power supply; do not connect panels in series. Splice in heavier gauge wire to accommodate longer lengths.

**CONNECTOR** 10 ft wire with bare ends

**CERTIFICATION** UL Listed

**PHYSICAL**
**SERIES** LC-12

**CRI** ≥ 90

**COLOR TEMPERATURE**

- 3000K
- 3500K
- 4100K
- 5300K

**OPERATING TEMPERATURE** -30°C (-22°F) ~ +40°C (+104°F)

**ENVIRONMENT** Dry location only (indoor)

**THICKNESS** 5/16" (8mm)

**SIZE**

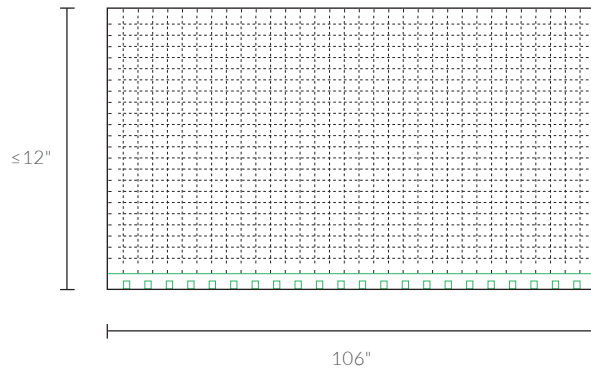
**Min:** 2" (50mm) W x 2" (50mm) L  
**Max:** 48" (1219mm) W x 106" (2692mm) L

**WEIGHT** 1.95lbs /ft<sup>2</sup> (9.54kg /m<sup>2</sup>)

## OPTIMAL ILLUMINATION OPTIONS FOR UNIFORMITY

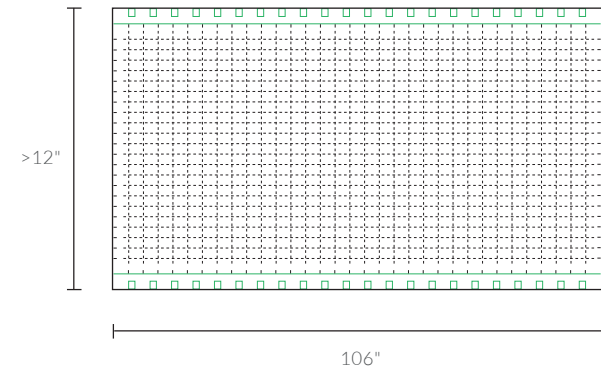
### LED ON 1 SIDE

For panels with a maximum width of 12"



### LED ON 2 SIDES

For panels with over 12" between LEDs



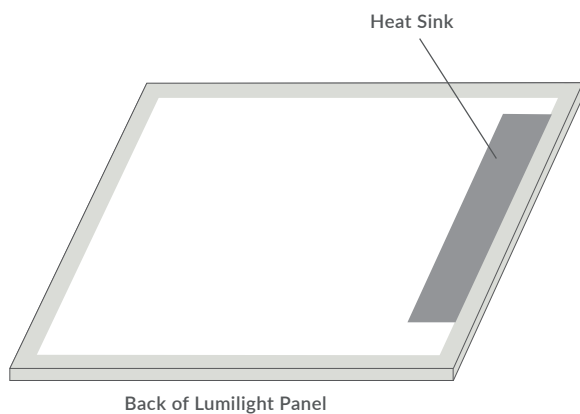
## HANDLING & SAFETY

### POWER SUPPLY WARNING

**Do not connect panels directly to AC power.** Always use a 12V power source. Direct AC hookup will permanently damage the LEDs.

### HEAT SINK

**Do not remove the heat sink (aluminum strip on back) from the light panel.** Ensure the heat sink is installed in free air or in contact with a metal or thermally conductive surface for heat dissipation and to extend the LEDs' lifespan. Unless otherwise specified, this product is designed for indoor use only.



### DO NOT FLEX

Transport panels upright or on edge. Bending or bowing panels will harm the internal LEDs, which voids warranty coverage.

### FASTENERS

Do not over tighten fasteners. Over tightening could result in cracking or damage of light panel.

### ADHESIVES

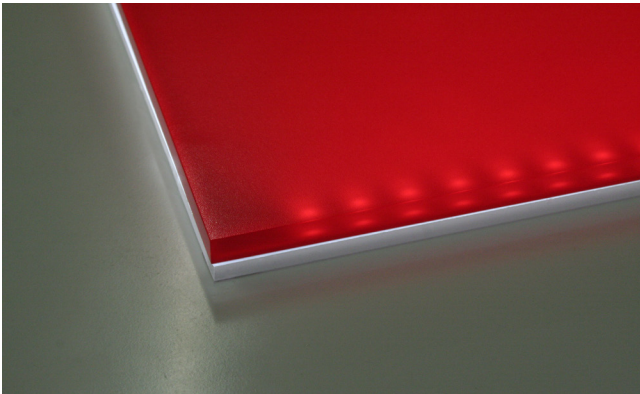
Do not attach panels with adhesives or double-sided tape. Bonding to the lit surface creates visible defects, and adhering to the reflective backing can cause panel failure. Consult Lumicor for proper mounting solutions.

*It is the responsibility of the purchaser and/or installer to check local electrical code requirements prior to installing electrical components.*

## INSTALLATION WITH STANDOFFS

### BEFORE INSTALLATION

To achieve acceptable light diffusion when using standoffs, Lumicor recommends leaving at least 1" (24mm) of space between the Lumilight and Resin Panels. To ensure desired aesthetics, test the panel spacing in end-use conditions before installation.



LUMILIGHT WITHOUT SPACING



LUMILIGHT WITH APPROPRIATE SPACING

### INSTALLING

#### DRILL PILOT HOLES

1. Hold the panel against the substrate at the desired location and mark the location of each hole on the substrate.
2. Remove the panel and drill holes into the substrate where marked. For concrete substrates, tap the concrete anchors into the pilot holes.

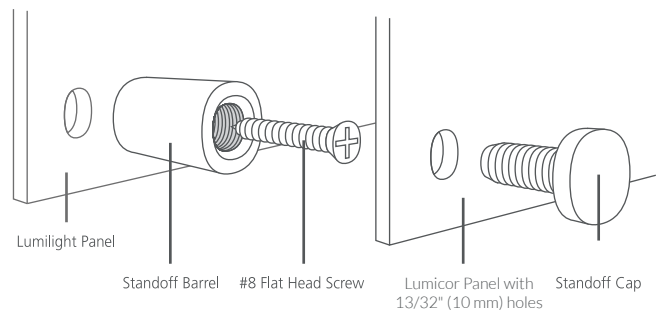
#### SECURE LUMILIGHT TO WALL

3. Unscrew and remove standoff caps.
4. Insert the screw into the larger opening in the standoff barrel and through the smaller opening at the opposite end.
5. With the Lumilight panel back into position on the substrate, place standoff barrel over the hole in the Lumilight and screw into the concrete anchor or wood substrate. For hollow walls, thread the toggle onto the screw and pinch the ends of the toggle together as you guide it into the pilot hole. Once the toggle opens on the other side of the wall, gently screw into place. Do not overtighten.

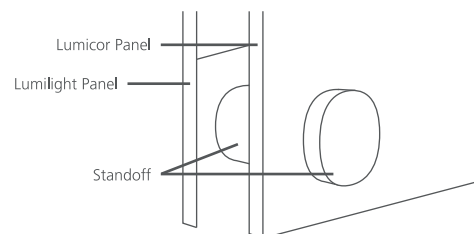
#### INSTALL LUMILIGHT PANEL

6. Place the Lumicor panel in position, insert standoff cap through the hole and turn until snug.

#### DIAGRAM 1



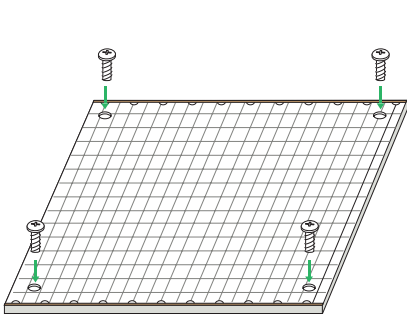
#### DIAGRAM 2



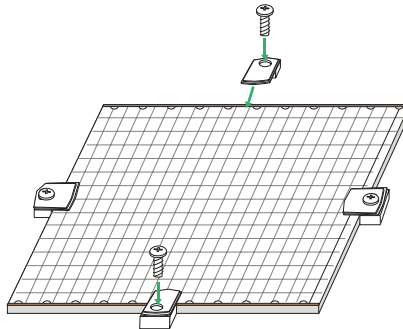
These products are only suitable for connection to a Class 2/LPS power source and have not been evaluated for use when connected to a power source that does not comply with Class 2 voltage and energy limited supplies.

THIS PRODUCT MUST BE INSTALLED IN ACCORDANCE WITH THE APPLICABLE INSTALLATION CODE BY A PERSON FAMILIAR WITH THE CONSTRUCTION AND OPERATION OF THE PRODUCT AND THE HAZARDS INVOLVED.

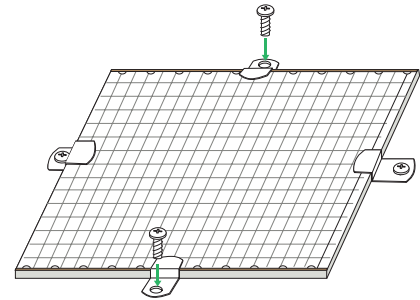
### CUSTOM SURFACE MOUNTING OPTIONS



SCREW MOUNTING

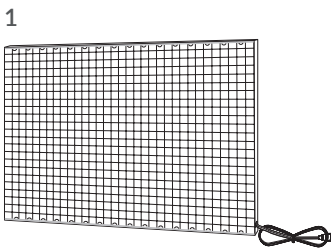


MIRROR CLIPS

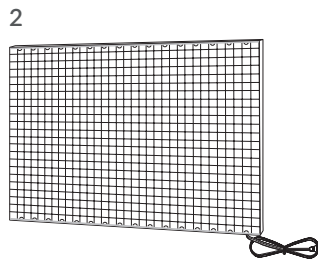


Z-CLIPS

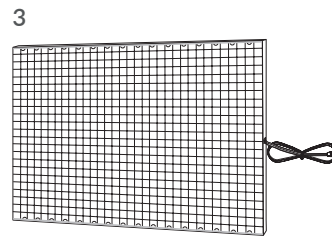
### WIRE EXIT OPTIONS



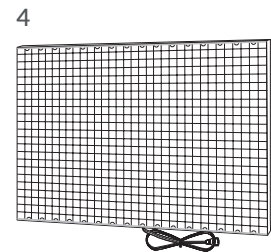
CORNER EXIT SHORT SIDE



CORNER EXIT LONG SIDE

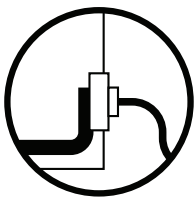


SIDE EXIT SHORT SIDE



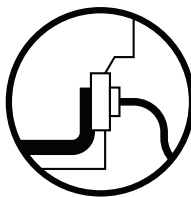
SIDE EXIT LONG SIDE

### EXIT TYPE OPTIONS



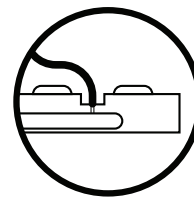
1 - EDGE

Power cord exits from edges



2 - NOTCHED

Recessed (notched) power cord exits



3 - REAR

Power cord exits from the rear side of the light panel

### WIRE LOCATION REFERENCE MAP

Choose wire exit(s) using the numbers in the diagram. The number of wires will vary based on your panel wattage.

Wattage < 50W: 1 wire

Wattage > 50W: 2 wires

