**ELUME LED LIGHT PANELS**

- CUSTOMIZABLE (SIZE, LIGHT LEVEL & KELVIN)
- BRIGHTTEST LED PANELS IN THE INDUSTRY
- DIMMABLE WARM, NEUTRAL AND DAYLIGHT WHITE OPTIONS
- SUPERIOR, HIGH OUTPUT UNIFORM ILLUMINATION
- THIN, LOW PROFILE DESIGN
- MAINTENANCE FREE
- PLUG & PLAY OR HARDWIRED
- 3 YEAR WARRANTY

**ELUMATION LED LIGHTING SOLUTIONS...**

*CONTACT US BEFORE SPECIFYING with one of our knowledgeable design associates prior to specifying.

We encourage you to contact us to discuss your custom LED lighting requirements and the best maintenance and sustainable option when illuminating any translucent material.

**THIN, BRIGHT, CUSTOM BACK LIGHTING SOLUTION**

With their minimal power consumption, long lifespan, uniform bright illumination and thin, lightweight characteristics, our eLume LED Light Panels are a simple yet dynamic, zero space-required solution.

**CUSTOM ELUME LED LIGHT PANELS**

We highly recommend you contact us to discuss your project requirements before specifying.

Thin, customizable, optical cast acrylic sheets with high output tier one LEDs embedded along the edge of the LED panels with an engraved light distribution grid. This light distribution grid is optimized for each specific panel size to ensure uniform and bright illumination over their entire surface.

**NON-FRAMED VS FRAMED LED LIGHT PANEL MODELS - APPLICATION**

<table>
<thead>
<tr>
<th>NON-FRAMED LED PANELS</th>
<th>FRAMED LED PANELS</th>
</tr>
</thead>
<tbody>
<tr>
<td>- MINIMAL BUTT LINES</td>
<td>- ADDITIONAL STRUCTURAL INTEGRITY &amp; MOUNTING OPTIONS</td>
</tr>
<tr>
<td>- ORGANIC/ODD SHAPES</td>
<td>- LIGHT WEIGHT (Lighter than non-framed model)</td>
</tr>
<tr>
<td>- ZERO AIR SPACE REQUIRED (Ideal for backlit stone bars/countertops)</td>
<td>- ENHANCED THERMAL MANAGEMENT</td>
</tr>
<tr>
<td>- WATER RESISTANT (Additional option)</td>
<td>- MORE ECONOMICAL (Compared to non-framed model)</td>
</tr>
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</table>

**THIN, BRIGHT, CUSTOM BACK LIGHTING SOLUTION**

With their minimal power consumption, long lifespan, uniform bright illumination and thin, lightweight characteristics, our eLume LED Light Panels are a simple yet dynamic, zero maintenance and sustainable option when illuminating any translucent material.

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**SPECIFICATIONS:**

*PLEASE SEE SPECIFIC MODEL CUT SHEET OR CONTACT ELMUINATION FOR FURTHER INFO*

<table>
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<tr>
<th>ELUME LED LIGHT PANEL SPEC</th>
<th>STANDARD SPECIFICATIONS OF ALL ELP MODELS</th>
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<tbody>
<tr>
<td>OUTPUT LEVELS:</td>
<td>MAX-HIGH [MH], <em>EXTREME</em> [E] or <em>COLOUR CHANGING</em> [RGB]</td>
</tr>
<tr>
<td>POWER CONSUMPTION:</td>
<td>[MH - 5.2W/Ft]</td>
</tr>
<tr>
<td>OUTPUT SOURCE:</td>
<td>LEDS EMBEDDED ALONG 1, 2 OR ALL 4 EDGES</td>
</tr>
<tr>
<td>OUTPUT COLOUR OPTIONS:</td>
<td>DAYLIGHT: 5800K [RECOMMENDED]</td>
</tr>
<tr>
<td>NEUTRAL: 4100K</td>
<td>WARM: 3000K</td>
</tr>
<tr>
<td>*RGB : DMX ADDRESSABLE COLOURS AND EFFECTS</td>
<td>STATIC COLOURS: RED, GREEN, BLUE, ETC.</td>
</tr>
<tr>
<td>DIMMING OPTIONS:</td>
<td>0–10V, PWM, DALI OR WIRELESS REMOTE</td>
</tr>
<tr>
<td>*MORE INFO AVAILABLE UPON REQUEST</td>
<td>UPTO 70,000 HOURS [L70]</td>
</tr>
<tr>
<td>OPERATING LIFESPAN:</td>
<td>3 YEARS</td>
</tr>
<tr>
<td>WARRANTY:</td>
<td>DRY LOCATION [EXTERIOR AVAILABLE ON ELP-12]</td>
</tr>
<tr>
<td>OPERATING TEMPERATURE:</td>
<td>-30°C (-22 °F) to +40°C (+104 °F)</td>
</tr>
<tr>
<td>OPERATING VOLTAGE:</td>
<td>24VDC</td>
</tr>
<tr>
<td>ELECTRICAL ARRANGEMENT:</td>
<td>WIRING SCHEMATICS PROVIDED PER PROJECT</td>
</tr>
<tr>
<td>INPUT CONNECTOR:</td>
<td>22&quot; (558 mm) PLUG &amp; PLAY FEMALE BARREL LEAD</td>
</tr>
<tr>
<td>INPUT LED WIRE SIZE:</td>
<td>18 AWG 2 CONDUCTOR WIRE</td>
</tr>
<tr>
<td>POWER SUPPLY OPTIONS:</td>
<td>HARDWIRED OR COMPACT PLUG &amp; PLAY</td>
</tr>
<tr>
<td>*MORE INFO AVAILABLE UPON REQUEST</td>
<td>*BASED ON LOAD REQUIREMENTS &amp; PREFERENCE</td>
</tr>
<tr>
<td>ELECTRICAL SAFETY CERTIFICATION:</td>
<td>UL CERTIFIED</td>
</tr>
</tbody>
</table>

**ELUME LED LIGHT PANEL - MODEL INFO / SIDE SECTIONS:**

- **MODEL : ELP-6**
  - 96 x 20" MAX
  - MINIMAL BUTT LINES
  - CUSTOM SHAPES
  - *SPECIAL ORDER ONLY
  - *CONTACT US BEFORE SPECIFYING

- **MODEL : ELP-8**
  - 100 x 50" MAX
  - STANDARD NON-FRAMED MODEL
  - CUSTOM SHAPES
  - MINIMAL BUTT LINES
  - *OPTIONAL WATER RESISTANCE
  - *CONTACT US BEFORE SPECIFYING

- **MODEL : ELP-12**
  - 100 x 50" MAX
  - STANDARD NON-FRAMED RGB MODEL
  - CUSTOM SHAPES
  - MINIMAL BUTT LINES
  - *OPTIONAL WATER RESISTANCE
  - *CONTACT US BEFORE SPECIFYING

- **MODEL : ELP-SF37**
  - 35 x 35" MAX
  - STANDARD FRAMED MODEL
  - INVISIBLE MOUNTING
  - *CONTACT US BEFORE SPECIFYING

- **MODEL : ELP-SF32**
  - 50 x 100" MAX
  - STANDARD FRAMED MODEL
  - RECOMMENDED MODEL
  - INVISIBLE MOUNTING
  - *CONTACT US BEFORE SPECIFYING

- **MODEL : ELP-SF30**
  - 30 x 40" MAX
  - DIFFUSED FRAMED MODEL
  - INVISIBLE MOUNTING
  - SPECIAL ORDER ONLY
  - *CONTACT US BEFORE SPECIFYING

- **MODEL : ELP-8**
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  - DIFFUSED FRAMED MODEL
  - INVISIBLE MOUNTING
  - SPECIAL ORDER ONLY
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**CUSTOM ELUME LED LIGHT PANELS**

We highly recommend you contact us to discuss your project requirements before specifying.

**Specifications:**

- **Power Consumption:**
  - 5800K 4100K 3000K
- **Outputs:**
  - 0-10V, PWM, DALI OR WIRELESS REMOTE
- **Operating Temperature:**
  - -30°C (-22 °F) to +40°C (+104 °F)
- **Operating Voltage:**
  - 24VDC
- **Electrical Arrangement:**
  - Wiring schematics provided per project
- **Input Connector:**
  - 22" (558 mm) plug & play female barrel lead
- **Input Lead Wire Size:**
  - 18 AWG 2 conductor wire
- **Power Supply Options:**
  - Hardwired or compact plug & play
- **Electrical Safety Certification:**
  - UL Certified

**Dimensions:**

- **Model : ELP-6**
  - 96 x 20" MAX
- **Model : ELP-8**
  - 100 x 50" MAX
- **Model : ELP-12**
  - 100 x 50" MAX
- **Model : ELP-SF37**
  - 35 x 35" MAX
- **Model : ELP-SF32**
  - 50 x 100" MAX
- **Model : ELP-SF30**
  - 30 x 40" MAX

**Additional Information:**

- **3 Year Warranty**
- **Plug & Play or Hardwired**
- **Maintenance Free**
- **Thin, Low Profile Design**
- **Superior, High Output Uniform Illumination**
- **Dimmable Warm, Neutral and Daylight White Options**
- **Customizable (Size, Light Level & Kelvin)**
- **Optical Acrylic Light Guide Panel**

**Contact Information:**

- **Website:** www.elumanation.com
- **Phone:** 1.416.225.6400
- **Email:** info@elumanation.com

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CUSTOMIZABILITY
Each eLume LED Light Panel is custom manufactured to the dimensions/shape, light level and kelvin temperature or RGB output to each client’s specific project’s requirements.

PRECISION MANUFACTURING
Meticulous fabrication process coupled with stringent quality control measures and UL safety certification ensures your eLume LED light panel arrives as expected and outperforms your expectations throughout the LED panel’s longevity.

ILLUMINATION OUTPUT & DIMMABILITY
With our various output level options with various colour kelvins and dimming methods, our eLume LED Light Panels are optimized to the ideal light level required to meet your project’s illumination level preferences.

DESIGN ASSISTANCE
Our well versed and experienced design consultants and technicians offer assistance throughout the project to meet your functional requirements and achieve your aesthetic objectives.

STANDARD LIGHT TEMPERATURE OUTPUT OPTIONS: *CUSTOM KELVINS ARE AVAILABLE UPON REQUEST

- WARM WHITE 3000K
- NEUTRAL WHITE 4100K
- DAYLIGHT WHITE 5800K
- COLOUR ADDRESSABLE RGB & VARIOUS WHITES *STATIC COLOURS AVAILABLE

STANDARD EMBEDDED LED ARRANGEMENT OPTIONS: *CUSTOM ARRANGEMENTS ARE AVAILABLE WHEN REQUIRED

LEDS EMBEDDED ALONG 1, 2, or ALL 4 EDGES
To ensure the ideal output for your project each eLume LED Light Panel is custom fabricated with the option of embedding LEDs along 1 edge, 2 opposing edges or along all 4 edges.

UNIFORM ILLUMINATION
Each eLume LED Light Panel’s light distribution is optimized by Elumanation’s proprietary algorithm to ensure maximum uniformity across each panel’s surface.

PLEASE NOTE: LEDs shown in the images are for demonstration purposes only and are not visible on the final product.

LEDS EMBEDDED ALONG 1 EDGE
To eliminate any slight drop off associated with larger fixtures and LEDs embedded along ONE edge we typically only recommend LEDs embedded along ONE edge for panels 15” [381 mm] or less in width to ensure uniform illumination across the surface of the panel.

LEDS EMBEDDED ALONG 2 LONG EDGES
For larger panels, LEDs embedded along TWO opposing edges coupled with Elumanation’s proprietary light guide distribution grid optimization algorithm specific to each eLume LED Light Panel ensures maximum uniformity with superior illumination levels.

LEDS EMBEDDED ALONG ALL FOUR EDGES
For larger panels square or near square in shape or for applications that require maximum light output, LEDs embedded along ALL FOUR edges coupled with our proprietary light guide distribution grid optimization algorithm specific to each eLume LED Light Panel ensures maximum uniformity with superior illumination levels.
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ELUMANATION PROVIDES GUIDANCE FROM DESIGN TO INSTALLATION SPECIFIC TO EACH PROJECT

ORDERING SPECIFICATIONS: *DUE TO OUR ELUME LED LIGHT PANEL’S CUSTOM NATURE WE HIGHLY RECOMMEND CONTACTING US BEFORE SPECIFYING

### ORDERING SPECIFICATIONS: EXAMPLE: ELP-SF32 - MH/100X50/4

<table>
<thead>
<tr>
<th>MODEL #</th>
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<th>LED LOCATION</th>
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<td>ELP-6</td>
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<td><strong>700 x 300</strong></td>
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<td></td>
<td>MH - MAX-HIGH</td>
<td><strong>700 x 300</strong></td>
<td>/2 - LEADS ON BOTH LONG EDGES</td>
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</tr>
<tr>
<td></td>
<td>MH - MAX-HIGH</td>
<td><strong>700 x 300</strong></td>
<td>/4 - LEADS ON ALL 4 EDGES</td>
<td>*CONTACT US FOR PROJECT SPECIFIC DIMMING HARDWARE REQUIREMENTS</td>
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<td>MH - MAX-HIGH</td>
<td><strong>700 x 300</strong></td>
<td>/C - CUSTOM - *PLEASE CONTACT US</td>
<td>*CONTACT US FOR PROJECT SPECIFIC Wiring SchematicS</td>
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### ADDITIONAL HARDWARE:

- PLUG & PLAY OR HARDWIRED
- MAINTENANCE FREE
- SUPERIOR, HIGH OUTPUT UNIFORM ILLUMINATION
- DIMMABLE WARM, NEUTRAL AND DAYLIGHT WHITE OPTIONS

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**CONTACT US PRIOR TO SPECIFYING**

**CONTACT US:**

- For Project Specific Submittals for Approval
- For Project Specific Wiring Schematics
- For Project Specific Power Supply Requirements