REVELITE AL TECHNICAL SPEC SHEET

The following information is provided to help specify a Revelite AL for a given piece of artwork or display. When properly selected, the Revelite AL will illuminate the desired illumination area with vertical and horizontal uniformity.

The AL emits exceptionally high quality LED light that renders color accurately.

The AL’s form is unobtrusive so the fixture does not detract from the art or display being illuminated.

THE RIGHT LIGHT FOR YOUR PIECE

AL1: SINGLE ROW OF LEDS: The Revelite AL1 is optimized for paintings less than 16 inches tall.

AL2: TWO ROWS OF LEDS: The Revelite AL2 is optimized for paintings from 16 to 36 inches tall, capable of vertical performance up to 60 inches. (Vertical wash will taper after 36”.)

All fixtures are available in nominal wide sizes from 7” to 60”. We suggest measuring the width of the canvas and rounding down to the next available size.

Two or more fixtures can be installed side by side for canvas widths over 60”. A second fixture can be added to the bottom of a canvas when illuminating very tall areas.

Two hood shapes are available as an aesthetic option. Both offer identical performance.

SIZES AVAILABLE (INCHES):

7  10  12  14  17  19  22  24  26  29  31  34  36  38  41  43  46  48  50  53  55  58  60

CALIBRATION

The width of the illumination area is controlled by the width of the fixture. The height of the illumination area is controlled by calibrating the fixture to the specific canvas height during the manufacturing process.

Calibrating the fixture involves adjusting the angles of the LED modules and their relative brightness to achieve consistent vertical illumination. Adjustments can be made after installation.

SPECIFICATIONS

The max power consumption of the Revelite AL varies between models.

The actual power consumption will typically be less than what is stated based on how the fixture is calibrated for the specific piece of art.

<table>
<thead>
<tr>
<th></th>
<th>AL1</th>
<th>AL2</th>
</tr>
</thead>
<tbody>
<tr>
<td>MAX POWER CONSUMPTION (WATTS/FT)</td>
<td>5</td>
<td>10</td>
</tr>
<tr>
<td>MAX SOURCE LIGHT OUTPUT (LUMENS/FT)</td>
<td>470</td>
<td>940</td>
</tr>
</tbody>
</table>

COLOR SPECTRUM

The photometric polar diagram seen is a Revelite AL2 calibrated for a 24” tall canvas.

Max values and distribution of luminous intensity will vary for different size lights and for calibrations of different canvas heights.

The Max Intensity = 325 Candela located at Horizontal Angle = 0° located at Vertical Angle = 0°

PHOTOMETRICS

US Patent # 7,070,293 and 9,134,004 International Patents Pending

MADE IN THE USA

US Patent # 7,070,293 and 9,134,004 International Patents Pending

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**DIMMING**

Revelite AL is 0-10V dimmable and comes with a dimmer switch that can be attached out of sight on the rear of the frame. It is also compatible with most third party 0-10V dimmers.

**DIMMING RANGE:**

<table>
<thead>
<tr>
<th>Voltage (V)</th>
<th>Percentage</th>
</tr>
</thead>
<tbody>
<tr>
<td>&lt;1</td>
<td>0%</td>
</tr>
<tr>
<td>1</td>
<td>10%</td>
</tr>
<tr>
<td>10</td>
<td>100%</td>
</tr>
</tbody>
</table>

Output increases linearly between 1V and 10V. When being used with a current sinking dimmer, each Revelite AL fixture sources <10mA.

**POWER SOURCE**

The Revelite AL is a low voltage fixture and requires a low voltage DC power supply. A variety of power supplies are offered and should be selected based on the size of the fixture and the installation conditions. If you wish to power multiple Revelite AL fixtures with a single power supply, make sure the sum of the power drawn by each fixture does not exceed the maximum power rating for the particular power supply.

Plug-in power supplies are included with the price of the fixture. Hardwire power supplies are available at an additional cost. Power supplies must be connected to an undimmed power source.

<table>
<thead>
<tr>
<th>TYPE</th>
<th>MAX POWER</th>
<th>INPUT VOLTAGE</th>
<th>DIMENSIONS</th>
<th>MAX AL1 LENGTH</th>
<th>MAX AL2 LENGTH</th>
<th>PART NUMBER</th>
</tr>
</thead>
<tbody>
<tr>
<td>plug-in</td>
<td>24w</td>
<td>100-240 VAC</td>
<td>3.88&quot; x 1.75&quot; x 1.25&quot;</td>
<td>46&quot;</td>
<td>24&quot;</td>
<td>52-24V1AB</td>
</tr>
<tr>
<td>plug-in</td>
<td>60w</td>
<td>100-240 VAC</td>
<td>4.44&quot; x 2&quot; x 1.25&quot;</td>
<td>130&quot;</td>
<td>65&quot;</td>
<td>52-24V1AB</td>
</tr>
<tr>
<td>hardwire</td>
<td>36w</td>
<td>100-277 VAC</td>
<td>2.76&quot; x 1.57&quot; x 1.06&quot;</td>
<td>77&quot;</td>
<td>38&quot;</td>
<td>52-RSLP035-24</td>
</tr>
<tr>
<td>hardwire</td>
<td>72w</td>
<td>100-277 VAC</td>
<td>2.76&quot; x 2.24&quot; x 1.06&quot;</td>
<td>155&quot;</td>
<td>77&quot;</td>
<td>52-RSLP070-24</td>
</tr>
<tr>
<td>high power remote</td>
<td>96w</td>
<td>100-277 VAC</td>
<td>12.32&quot; x 2.44&quot; x 1.54&quot;</td>
<td>207&quot;</td>
<td>103&quot;</td>
<td>52-LDS96W24VNDRE-0020</td>
</tr>
</tbody>
</table>

**MICROWIRE:**

Each Revelite fixture comes with 6ft of microwire, a slim wire to deliver low voltage from the power supply to the Revelite fixture. It can be discreetly run from a remote power supply to the fixture in an unobtrusive manner.

**HARDWIRE OPTIONS:**

Allows the power supply to be placed inside a recessed junction box and will require the help of an electrician.

**PLUG-IN OPTIONS:**

Ready to plug directly into standard AC outlet. Only available with Standard Mount option.