revolutionizing the way art is illuminated

Artist: Maria Perello

REVELITE®
BY cerno®
Revelite brings art to life, evenly illuminating the surface of the artwork with beautiful color rendering accuracy.

“These lights revealed subtleties in paintings you just don’t see with ordinary lights. I think we are seeing, truly for the first time, what the artist really wanted us to see.”

Pat Trenton, Ph.D.  
(nationally recognized art expert, curator, and writer)

The Revelite Art Light (AL) is a revolutionary picture light that is custom built and tuned at our facility in Southern California. This fixture evenly illuminates the entire surface of a painting using an extremely high color-rendering light source. The uniformity and quality of light that this fixture emits is not achievable with the standard picture lights available today. The Revelite AL does not emit dangerous amounts of UV or heat. All of these unprecedented attributes are embodied in an unobtrusive fixture profile that almost disappears when one views the art.

Every piece of fine art is unique and deserves to be brought to life with a premium lighting solution. The Revelite AL utilizes the latest LED and optical technology to provide exceptional illumination, allowing viewers to fully appreciate each detail of the artwork.

In appearance the Revelite AL appears elegant and simple, disguising a precise and highly-engineered product in a sleek, sophisticated, and compact package.

Art Revealed With Science

Lighting Consultant: Staci Ruiz

Art: Junn Roca
A Revolutionary Art Light
custom tailored to provide even and accurate illumination

EVEN ILLUMINATION
This patented art light provides uniform light distribution over the entire width and height of an artwork. Standard art lights create a bright spot of light at the top of the art piece with minimal light reaching the bottom. Revelite’s high degree of light control brings focus to the entire canvas and minimizes spill light around the artwork. To achieve this uniformity, each art light is custom built and factory calibrated for an artwork’s specific dimensions, resulting in a bespoke product.

MINIMAL SCALE
Revelite’s discreet form virtually disappears against the frame or wall and pairs well with various styles of art including impressionism, modernism, contemporary, photography, and works behind glass. Select the Revelite with the traditional round profile or the modern low profile to suit your artwork and design aesthetic.

ART SAFE
Revelite LED technology is art safe, providing a safer alternative to traditional sources that emit excessive and damaging UV and heat.

LOW MAINTENANCE
The Revelite is virtually maintenance free, with a lifetime rating of over 50,000 hours.

MULTIPURPOSE
Although originally designed for illuminating works of art, the Revelite AL is also an ideal light for illuminating feature walls, bookshelves, displays, menu boards, and anywhere a precise, vertical wash of light is required.

What Makes Revelite Better than other art lights

BECOMING THE SOLUTION
Revelite is the end result of an idea that was introduced to Cerno’s founders by artist, art collector, and engineer Herb Seymour. Mr. Seymour searched for an art light that would render colors accurately and cast precisely the same amount of light across the entire piece of art. His search came up empty, so he turned to Cerno, who had the tools and the imagination to bring his idea to life. Through this partnership, Revelite was born, becoming the most sophisticated art light available on the market.

MADE IN THE USA
In 2011, Revelite became the art and display lighting division of Cerno, a lighting company founded by three childhood friends from Laguna Beach, California. Today Revelite is producing a highly sophisticated art lighting system that utilizes the company’s patented technology to deliver a product with unparalleled performance.

COLOR ACCURACY
The quality of a light source significantly impacts the colors that we see. The Revelite AL incorporates LEDs with a high Coloring Rendering Index (CRI) and R9 Value to accurately reflect the artist’s color palette. The 3000K color temperature light source remains constant through the dimming curve and keeps whites natural and crisp, ideal for both old world masters and contemporary pieces.

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Revelite Direct Wire Mount Art Light

The **DIRECT WALL MOUNT** attaches to the wall above an art piece. This option requires mounting the fixture to a junction box properly sized to house the appropriate hardwire power supply. The canopy comes in two sizes:
- Square (4.50” H x 4.50” W) for attaching to a 4” square junction box with a 3” round plastic ring or an octagonal box.
- Rectangular (3.00” H x 4.50” W) for attaching to a single gang switch box mounted horizontally.

**Disclaimer:** Revelite fixtures specified for artwork with a width greater than 60” will ship as two separate fixtures joined with a connector bracket. The horizontal light distribution may appear disrupted beneath the point at which the two fixtures are joined.

Revelite Standard Mount Art Light

The **STANDARD WALL MOUNT** can mount to the back of the frame or the wall behind the art. The mount allows you to adjust the height of the fixture. The standard mount can be hardwired or plugged into an outlet. Please note that the plug-in version comes with an inline AC adapter.
Technical Specifications

THE RIGHT LIGHT FOR YOUR ART

AL1: single row of LEDs: The Revelite AL1 is optimized for paintings less than 16” tall.

AL2: two rows of LEDs: The Revelite AL2 is optimized for paintings from 16” to 36” tall, capable of vertical performance up to 60”. (Vertical wash will taper after 36”)

All fixtures are available in nominal widths from 7” to 60”. We suggest measuring the width of the desired illuminated area and rounding down to the next available size. Two or more fixtures can be installed side by side for canvas widths over 60”.

TWO HOOD SHAPES ARE AVAILABLE AS AN AESTHETIC OPTION. BOTH OFFER IDENTICAL PERFORMANCE.

THE RIGHT LIGHT FOR YOUR ART

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. Calibrating the fixture involves adjusting the angles of the LED modules and their relative brightness to achieve consistent vertical illumination. Lights are calibrated at the factory and also field adjustable.

Disclaimer: Reflective frames with complex geometry may experience spotting from LED source.

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 Vertical Angle = 0°

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.

Max Power Consumption (Watts):

<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>
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<tbody>
<tr>
<td>plug-in</td>
<td>24w</td>
<td>100-240 VAC</td>
<td>3.86 x 2.71 x 2.17</td>
<td>40”</td>
<td>24”</td>
<td>52-24V1AB</td>
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<tr>
<td>plug-in</td>
<td>60w</td>
<td>100-240 VAC</td>
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<td>130”</td>
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<tr>
<td>hardware</td>
<td>6w</td>
<td>100-277 VAC</td>
<td>2.76 x 1.57 x 1.05</td>
<td>77”</td>
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<tr>
<td>high power</td>
<td>96w</td>
<td>100-277 VAC</td>
<td>12.32 x 2.44 x 1.54</td>
<td>207”</td>
<td>103”</td>
<td>52-LDSWGW90 MB1-050D</td>
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POWER CONSUMPTION

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.

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PHOTOMETRICS

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COLOR SPECTRUM

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Power and Wiring

TAPERWIRE

The option of this paper-thin flat wire is available to offer a discreet power solution without having to go through the process of installing a junction box.

Installation is as simple as peeling off the back and sticking the flat Taperwire onto a wall from the floor to behind a frame. Taperwire can be painted over to create an inconspicuous connection between a Revelite and its power supply.

Please inquire for custom lengths.

MICROWIRE

Each Revelite fixture comes with 6” 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.

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

PLUG-IN OPTIONS

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

HARDWARE OPTIONS

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

NAME OF ARTWORK ___________________ HEIGHT OF CANVAS _______ WIDTH OF CANVAS _______ (canvas or desired illuminated area)

CLIENT/PROJECT ___________________ DATE ____________________

**HEIGHT OF CANVAS:**
- Height less than 16” 1
- Height 16” or greater 2

**WIDTH OF CANVAS:**
Choose the nominal width closest to the actual width of the canvas (or desired illuminated area). If the actual width is between two nominal widths, we recommend choosing the smaller nominal width. If the canvas is over 60” wide, two or more fixtures will be used side by side and joined by a bracket. The horizontal light distribution may appear disrupted beneath the point at which the two fixtures are joined. Leave this section blank and we will select the appropriate fixtures for you. Be sure that the “Width of Canvas” section is filled out at the top of this form.

**COLOR OF REVELITE AL:**
- GD = Gold
- W = White
- BL = Black
- A = Aluminum
- BZ = Oil Rubbed Bronze

**PROFILE SHAPES:**
- Low Profile Revelite AL
- Round Revelite AL

**MOUNTING METHOD:**
- Standard Mounting
- Direct Wire Wall Mount Square Canopy
- Direct Wire Wall Mount Rectangle Canopy

**POWER:**
- Plug-In (Only Available with Standard Mount) P
- Hardwired H
- No Power Supply* N

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Revelite’s Easel Light (EL) provides an opportunity for a consistent lighting environment as a painting transitions from a blank canvas to the wall of a collector’s home. Staying true to our company’s promise in delivering superior results, the Revelite EL comes with the same exceptional illuminating features as the Art Light. The Easel Light is available in three standard widths: 12”, 24” and 36”.

Designed and built in California by creatives for creatives

Artist: Jeff Sewell

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*Only choose the “No Power Supply” option if you have contacted the manufacturer and discussed a custom power supply option.