



Standard finishes include Gold, Oil-Rubbed Bronze, Black, White, and Brushed Aluminum.

Please inquire about custom finishes.



white



gold



oiled rubbed bronze



black



brushed aluminum

The Revelite AL was born out of an art enthusiast's frustration with traditional picture lights. There was no light that could present artwork well enough to create the artist's original vision.

At the beginning of the Revelite's development, three goals were presented that had to be met in order for the Revelite AL to stand proud as the first functioning art light over a sea of inadequate attempts:

- The light had to illuminate the entire surface of the artwork evenly, from top to bottom and side to side.
  - The light had to render colors honestly so that they appear as the artist intended.
- The form of the light was to transcend a traditional and modern design aesthetic while being as unobtrusive as possible.

By utilizing the untapped resources of recently-developed LED and optic technology, the Revelite AL is able to provide amazingly even light with incredible color-rendering ability from a compact optical package that would not have been possible a decade ago.

Although originally designed specifically for illuminating works of art, the Revelite AL is also an ideal fixture for illuminating displays, such as menu boards at restaurants or portable displays at trade shows.

The Revelite AL appears clean, elegant and simple. However, as one investigates what makes this fixture work so well, they will find that it is a precise and highly-engineered product. Its revolutionary design is the culmination of the work provided by a diverse collective of engineers and designers, including a mechanical engineer, electrical engineer, optical engineer, computer science engineer, and an industrial designer.

#### **Even Light Distribution**

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Our patented technology allows much better control of the distribution of light over a specified surface. This leads to much more uniform brightness from top to bottom and side to side. Since their invention, picture lights have been plagued by the problem of making artwork appear too bright at the top and too dim at the bottom.

### **Light the Artwork, Not the Wall**

The ability to control the Revelite AL's light output also allows a minimal amount of light to be spilled on the walls surrounding the artwork. This results in attention being directed toward the artwork.

### **Excellent Color Rendering**

The light that the Revelite AL emits has very high color rendering properties, resulting in vibrant colors and brilliant whites. The LEDs used in the Revelite AL have a Color Rendering Index average (CRIa) of over 90 and an R9 value of over 85. The CRI scale is used to quantify how accurately a light source renders colors. The CRIa value is an overall score and the R9 is a score that is specific to saturated reds, which are very important in most artwork.

### **No UV**

The lack of ultraviolet (UV) and infrared (IR) light makes the Revelite AL much safer for use on sensitive artwork by greatly reducing fading and cracking.

### **Constant Color Temperature Dimming**

The Revelite AL can be dimmed down to very low levels while maintaining consistent color temperature. Usually, consistent illumination levels are desired across a collection, which results in smaller pieces requiring a less powerful light source. This is usually accomplished by dimming individual fixtures to different levels. However, when incandescent lamps are dimmed, the color temperature of the light becomes "warmer". This results in colors appearing differently across the collection which can be distracting and arguably deceiving. Each Revelite AL in a collection can be "fine tuned" using the included micro dimmer switch (or a compatible remote dimmer) without having to worry about maintaining color consistency.

### **Inconspicuous Size**

The Revelite AL has a cross section of only 2 ¼ by 1 ⅛ inches, and protrudes from the front of the canvas only 7 inches. This allows attention to be drawn to the art, not the fixture. The Revelite AL's ability to

achieve such high performance out of such a small package is the result of our intensive engineering work combined with incredible recent advancements in LED and optical technology.

### **Low Maintenance**

The LEDs used in the Revelite AL have a life rating of over 60,000 hours (L70), compared to as little as 1,000 hours for incandescent technologies. This translates into no maintenance other than occasional dusting.

Each Revelite is built to the width of the canvas it is intended to illuminate. There are two basic models: the Revelite AL1, which is optimized for paintings up to 16 inches tall, and the Revelite AL2, which is optimized for paintings over 16 inches tall. Both models are available in widths from 7 to 60 inches. If a piece is wider than 60 inches, multiple fixtures can be installed side by side. The vertical light distribution will be pre-adjusted for the height of the painting at our facility.

Enter the height and width of a canvas into the fields above for the website to determine the correct size and model Revelite for the installation. If your installation includes many pieces for a gallery or private collection, please contact us directly and we will work with you to provide a quote.

There are 3 steps to installing the Revelite AL fixture.

1. **Mount the Fixture** - The Revelite comes with the necessary hardware to mount the fixture to either the back of the picture frame or to the wall behind the painting.
2. **Mount the Dimmer** - Mount the included low profile micro dimmer switch to the back of the frame. Or, if desired, the Revelite AL can be controlled by third-party 0-10V dimming solutions such as the Lutron Diva NFTV dimmer switch.
3. **Connect to Power** - The Revelite AL is a low voltage fixture that runs on 24VDC power. We have both plug in and hardwired power supply options that allow the power supply to be mounted to the back of the picture frame, in a junction box, or remotely. Power can be run discretely from a remote power supply to the back of the frame using microwire or tape wire.

[Download Installation PDF](#)

**Input Voltage:** 24VDC

**Power Consumption:**

AL1: 5 Watts per foot at full brightness

AL2: 6-10 Watts per foot at full brightness (depending on vertical adjustment)

**Light Output:**

AL1: 390 lumens per foot at full brightness

AL2: 468-780 lumens per foot at full brightness (depending on vertical adjustment)

Hood Dimensions: 2 ¼" deep X 1 ⅝" tall (width approx. matches width of canvas)

### **Power Supply Options:**

1. Plug in - This standard power supply is similar to a power adapter for a laptop. It plugs into a regular AC wall outlet and provides a total cord length of 9'. Each fixture also comes with 6' of Microwire. This allows the power supply to be located farther away from the fixture.
2. Low-Profile Power Supply - This thin power supply measures 7" x 1.8" x 0.7" and is designed to be mounted to the back of a frame. If you have a pre-existing wall outlet behind a frame, the Low-Profile power supply can be used to keep any cords from showing. It is available for Revelite AL2 models up to 22" wide and AL1 models up to 38" wide.
3. Hardwire - This option allows the power supply to be placed inside a junction box recessed into the wall and will require the help of an electrician. Hardwire installations require more work but will allow a Revelite of any size to be mounted with no wires showing.

### **Wiring Accessories:**

1. Microwire - A slim wire that carries low voltage from the power supply to the Revelite fixture. With a narrow profile of 0.055 x 0.110 in, microwire can be discretely run from the fixture to a remote power supply in an unobstructive manner. Comes standard in 25 ft length with DC connectors installed on both ends to make installation as simple as using an extension cord. Microwire is white and comes with three adhesive wire clips which hold the wire tight against the wall. Please inquire for custom lengths.
2. Taperwire - This paper-thin flat wire gives an incredibly discrete 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 up to behind a frame. One end may then be plugged into our standard plug-in power supplies and the other end can be plugged into the Revelite fixture. Measuring only 1/64" thick, Taperwire can be painted over to create a completely invisible connection between a Revelite and its power supply. Please inquire for custom lengths.