

Revelite AL Wiring and Power Supply Options

The Revelite AL is a low voltage lighting fixture that can be powered in a number of configurations. For those looking for a quick and easy solution, the Revelite can be installed by simply plugging in a power supply to an existing wall outlet. For those looking for a seamless appearance, we offer hardwire power supplies that can be hidden away in junction boxes behind paintings. This document will briefly cover the available power options to help you decide what is best for your application.

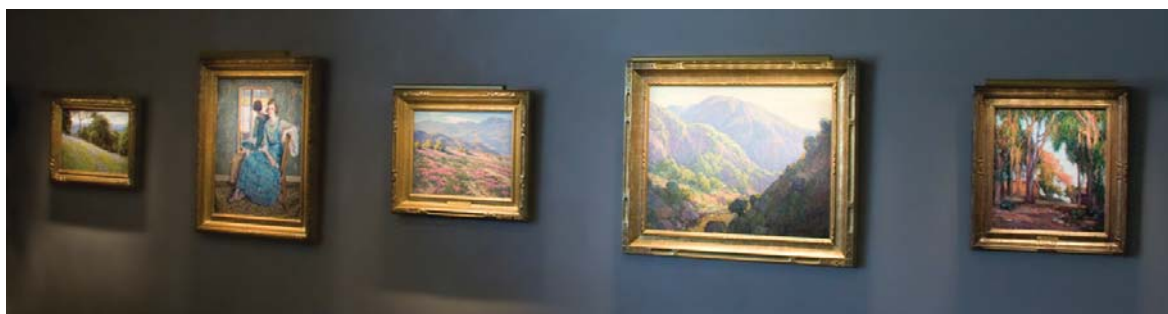


Choosing which power supply to purchase with your Revelite is simple; your choice depends only on the size of your fixture and whether you want your power supply to be plug-in or hardwire. An easy rule of thumb is that the Revelite AL1 draws a maximum of 5 Watts (W) per foot while the Revelite AL2 draws a maximum of 10 Watts (W) per foot. Using the “Max Power Rating” of the power supplies on the next page, you can determine which ones will work with your Revelite fixture. If you wish to power multiple Revelite with a single power supply, you must make sure that the sum of the power drawn by each fixture does not exceed the maximum power rating specified for that particular supply.

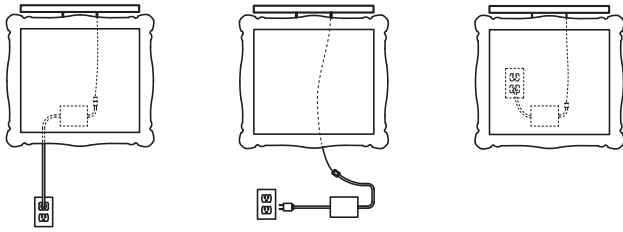
Plug-in power supplies come with the benefit of requiring no electrical work and avoid the time required to install junction boxes. The steps required to get your Revelite powered with a plug in power supply will be familiar to anyone; simply plug the supply into a normal wall outlet and attach the other end to the DC plug on the Revelite. If you already have a wall outlet near the painting you purchased your Revelite for, this easy option may be the perfect solution for you. A little bit of clever planning can allow you to hide away nearly all signs of the power supply and power cords. A low-profile plug-in power supply is offered for smaller Revelite fixtures and is designed to be mounted to the back of a picture frame, increasing the ability to hide away power cords. If you find the presence of any wires visible around the picture frame to be distracting, you may be interested in having your Revelite installed with a hardwire power supply.

Although they require more effort and some electrical knowledge to install, hardwire power supplies have the advantage of hiding away all wires within a junction box behind a painting. These types of power supplies will give your illuminated painting a seamless appearance on the wall. Hardwire power supplies will require the installation of a junction box large enough to accommodate the body of the supply needed to power your Revelite fixture. If you do not already have a junction box in place on the wall where you wish to hang your painting, installing a box should be a simple job for any trained electrician. Make sure that the hardwire power supply will fit inside the junction box you plan on using by referencing the dimensions given on the following page.

In the case of large scale installations for a gallery or collection, multiple Revelite fixtures can be tied to a remote power and dimming system. This type of installation can enable computer control of power and dimming levels to greatly reduce the work of manually adjusting an entire gallery’s worth of Revelite AL fixtures. An experienced technician will be required to ensure that maximum power ratings for electrical wires and the power supply will not be exceeded.

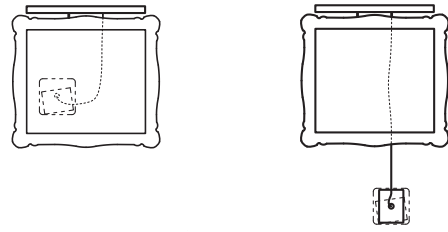


Plug-in Options



Ready to plug directly into standard AC outlet. No wire attachments required for installation.

Hardwire Options



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



Part Number:
52-24V1AB

Max Power Rating: 24 W
Input Voltage: 100-240 VAC
Dimensions:
- Length: 3.88" (9.86 cm)
- Width: 1.75" (4.45 cm)
- Height: 1.25" (3.18 cm)
Suitable for use with:
-AL1 up to 46"



Part Number:
52-RSLP035-24

Max Power Rating: 36 W
Input Voltage: 100/240/277 VAC
Dimensions:
- Length: 2.76" (7 cm)
- Width: 1.57" (4 cm)
- Height: 1.06" (2.7 cm)
Suitable for use with:
-AL1 up to 60"
-AL2 up to 38"



Part Number:
52-24V2.5AB

Max Power Rating: 60 W
Input Voltage: 100-240 VAC
Dimensions:
- Length: 4.44" (11.28 cm)
- Width: 2" (5.08 cm)
- Height: 1.25" (3.18 cm)
Suitable for use with:
-AL1 up to 60"



Part Number:
52-RSLP070-24

Max Power Rating: 72 W
Input Voltage: 100/240/277 VAC
Dimensions:
- Length: 2.76" (7 cm)
- Width: 2.24" (5.7 cm)
- Height: 1.06" (2.7 cm)
Suitable for use with:
-AL1 up to 60"

High Power Remote Power Supply



Part Number:
52-LDS96W24VNDRE-0020

Max Power Rating: 96 W
Input Voltage: 100-277 VAC
Dimensions:
- Length: 9.125 (23.2 cm)
- Width: 3.5" (8.9 cm)

Intended for remote powering of multiple Revelite AL fixtures. Electrical connections housed within the power supply itself, eliminating the need for a junction box.