

# Cerno Art Light - Standard Mount

Installation Instructions

cerno®

## General Product Information

This product is suitable for indoor dry and damp locations only.

THIS IS A LOW VOLTAGE (24VDC) FIXTURE AND MUST BE USED WITH THE SUPPLIED OR MANUFACTURER APPROVED POWER SUPPLY



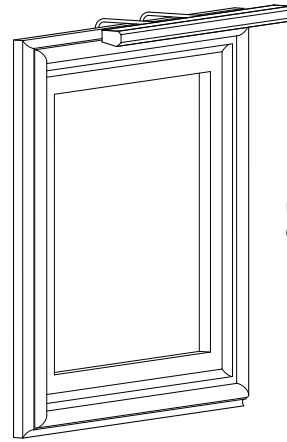
### CAUTION - RISK OF FIRE



The hardwire version requires installation by a qualified electrician. Before installing be sure to read all instructions and TURN POWER OFF TO THE JUNCTION BOX.

Dimmable Version Only:

This fixture is only compatible with 0-10V low voltage dimmers. Dimming control cannot be achieved using TRIAC, ELV, or other phase-dimming methods.

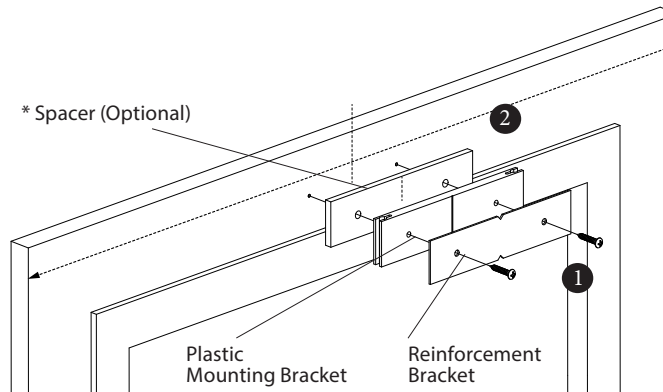


US Patent # 7,070,293 and 9,134,004.  
Other US and International Patents Pending

## Installing the Mounting Bracket

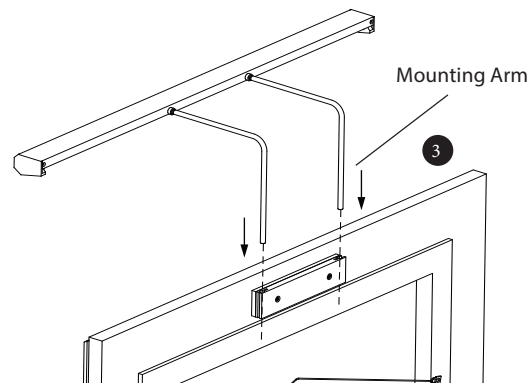
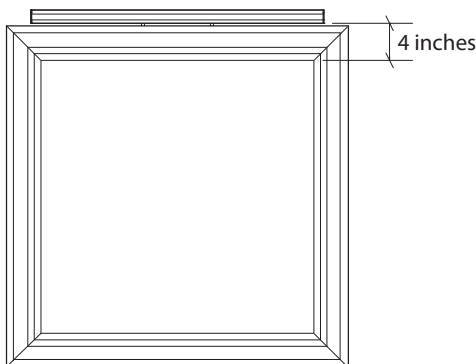
- 1 Attach the plastic mounting bracket and reinforcement bracket to the back of the frame using the supplied #8 panhead screws.
- 2 If necessary, use the included spacers to ensure that when the mounting arms are slid into the bracket, they will be clear of any obstructions on the back of the frame and canvas.

Alternatively, if desired, the mounting bracket can be attached to the wall behind the artwork.



## Installing Fixture to the Mounting Bracket

- 3 Attach the fixture to the mounting bracket by sliding the arms vertically into the mounting bracket. Do not snap the mounting arms into sides!
- 4 Adjust the height of the fixture and level it by sliding the mounting arms up or down in the slots in the mounting bracket. The bottom of the fixture should be about 4 inches above the top edge of the canvas.



### Electrical Connections

#### 5 For Plug-In Version Only

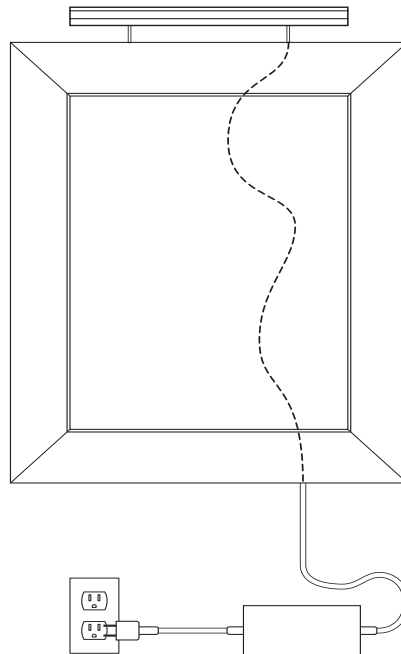
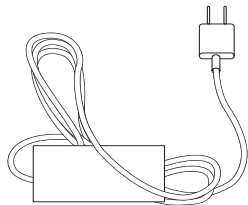
The included plug-in power supply and in-line rocker switch can be mounted to the wall behind the painting, attached to the back of the frame, or installed remotely.

#### 6 For Hardwired Version Only:

A junction box is required to place the power supply and electrical connections. A 4in square deep junction box is recommended. Use wire nuts to make the connections between the undimmed line voltage wires and the power supply. Use wire nuts or the provided low voltage connectors to make the electrical connections between the low voltage output wires and the fixture leads.

#### 5 Plug-In Version

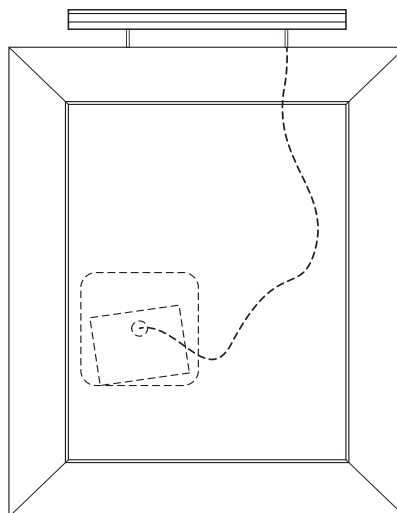
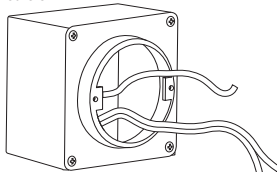
PLUG-IN  
Standard Mount Only



#### 6 Hardwired Version

HARDWIRE  
Standard or Direct Wire Mount

j-box by  
others



### WARNING

CONNECTING THE FIXTURE DIRECTLY TO LINE VOLTAGE WILL DESTROY IT AND VOID THE WARRANTY!

MAKE SURE THAT THE RED WIRE IS CONNECTED TO THE POSITIVE (+) LEAD ON THE POWER SUPPLY, AND THE BLACK WIRE IS CONNECTED TO THE NEGATIVE (-) or GROUND LEAD ON THE POWER SUPPLY.

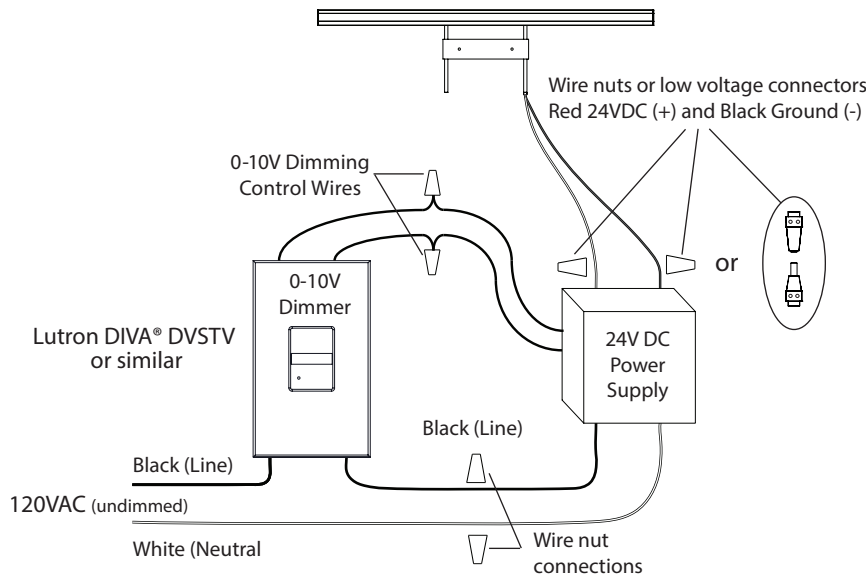
For Hardwired Version Only:

(0-10V Dimmable Driver Only)

The fixture can be controlled by connecting the purple and grey wires to a dimmer or control system that uses the industry standard 0-10V dimming interface. More than one fixture can be attached to the same dimmer. Dimmers should be installed by a licensed electrician and in accordance with the manufacturer's instructions.

### 7 Hardwired Version Continued

#### Hardwire Wiring Diagram Using a Remote 0-10V Dimmer Switch or Control System



#### CRITICAL NOTE

CONNECTING THE FIXTURE DIRECTLY TO LINE VOLTAGE WILL DESTROY IT AND VOID THE WARRANTY! REVERSING THE POLARITY WILL DAMAGE THE FIXTURE AND VOID THE WARRANTY!

THIS FIXTURE IS ONLY COMPATIBLE WITH 0-10V LOW VOLTAGE DIMMERS. DIMMING CONTROL CANNOT BE ACHIEVED USING TRIAC, ELV, OR OTHER PHASE-DIMMING METHODS.

MAKE SURE THAT THE RED WIRE IS CONNECTED TO THE POSITIVE (+) LEAD ON THE POWER SUPPLY, AND THE BLACK WIRE IS CONNECTED TO THE NEGATIVE (-) or GROUND LEAD ON THE POWER SUPPLY.

#### Dimming Configurations

The fixture can be dimmed only by using the purple and grey 0-10V leads that exit the fixture. Dimming control cannot be achieved using TRIAC, ELV, or other phase-dimming methods. The methods listed below for dimming the fixture through the 0-10V leads are all recommended but are not entirely comprehensive; however, please use caution when experimenting with other methods of 0-10V control.

##### 1) Using a Compatible 0-10V Wall Dimmer

Many companies offer 0-10V compatible wall dimmers that preserve the same aesthetic as traditional wall dimmers. It is the installer's responsibility to ensure that the wall dimmer chosen is compatible and to follow the installation instructions included with that system correctly.

It is not possible to achieve dimming control through the use of a TRIAC, ELV, or phase-dimming wall dimmer.

##### 2) Using a Compatible Control System

Many home and commercial lighting control systems are available that are compatible with 0-10V dimmable fixtures. Incorporating the fixture with older systems that were not originally compatible with 0-10V fixtures may be possible through the use of ten volt interfaces that can read a phase-dimmed input and produce a 0-10V output. Please inquire with the manufacturer of a control system before attempting to interface it with the fixture.