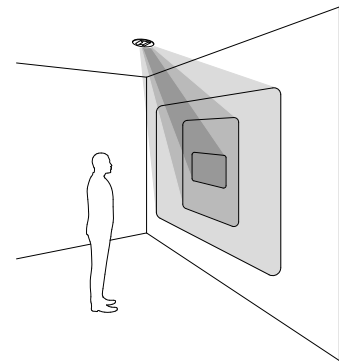




Tunable to Deliver Museum Quality Lighting for Art of Varied Sizes and Shapes



PERFORMANCE

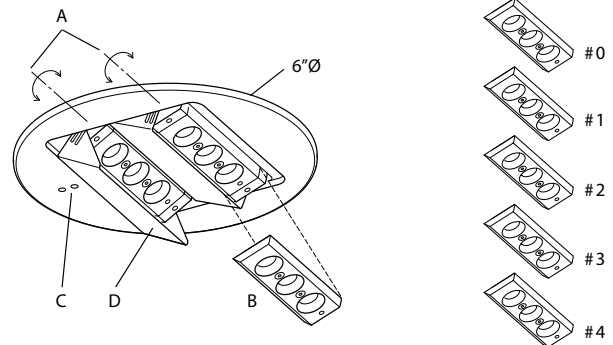
The Revelite CL is a sleek design with robust performance. The CL is adjustable in order to shape the illumination pattern for each unique piece of art, while delivering an even distribution of light for a range of shapes and sizes.

A. Light Pattern Height Adjustment: Two vertically aimable LED modules allow the height of the illuminated area to be adjusted.

B. Light Pattern Width Adjustment: Magnetically attached optical inserts horizontally spread the light, allowing the width of the illuminated area to be controlled. Five different inserts are included with the fixture:

C. Uniformity: The light intensity of each module can be adjusted to balance the brightness from top to bottom on the target area.

D. Spill Light Control: The baffle helps eliminate light that falls below the canvas.



SPECIFICATIONS

Light Source Type: Integrated LED
Color Temperature: 2700K or 3000K
Color accuracy (CRI): 90+ (R9 vibrant reds: 80+)
Light Output (source): 1140 lumens (3000K)
Dimensions: 6" diameter, height varies (see drawings)
Weight: 1.4 lbs
Dimming: Forward & Reverse Phase, 0-10 V*
Ratings: UL Damp location, IC, Class 2
DC Load: 15W @ 10 V DC

Included Driver Specifications

Input: 110 - 277 V AC, 0.2 A, 50-60Hz
 PF>9, THD<20%
Output: 10 V DC Constant Voltage, 20W Max, Class 2
 Remote enclosure included

* See Power and Control section for more information.



Patent Pending.

SKU BUILDER

Revelite CL part # CL-6- - -

Mounting Method

Recessed Mount
 Mud-In Recessed Mount
 Surface Mount

R
 M
 S

Metal Finish

Matte Black (CM-030)
 Matte White (CM-126)

BL
 WH

Lamping

2700 K LED
 3000 K LED

27
 30

Power Supply

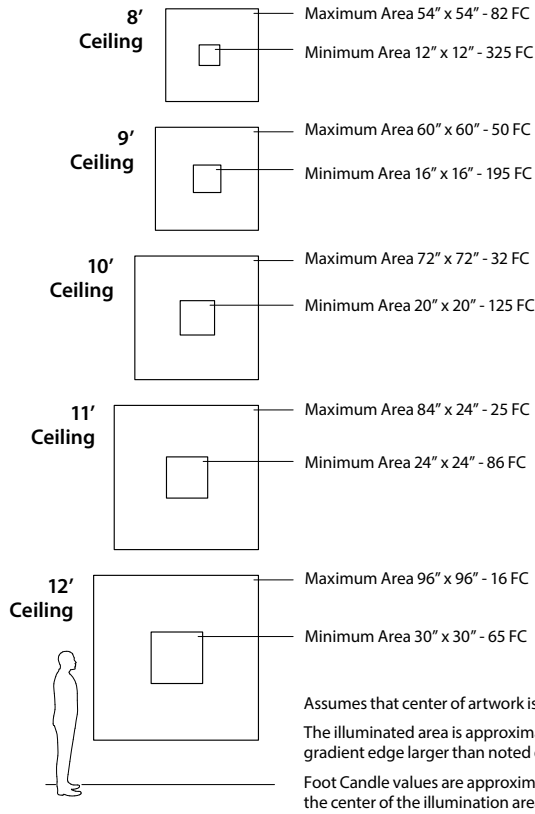
120-277 V AC input voltage
 TRIAC, ELV & 0-10 V dimmable

P1



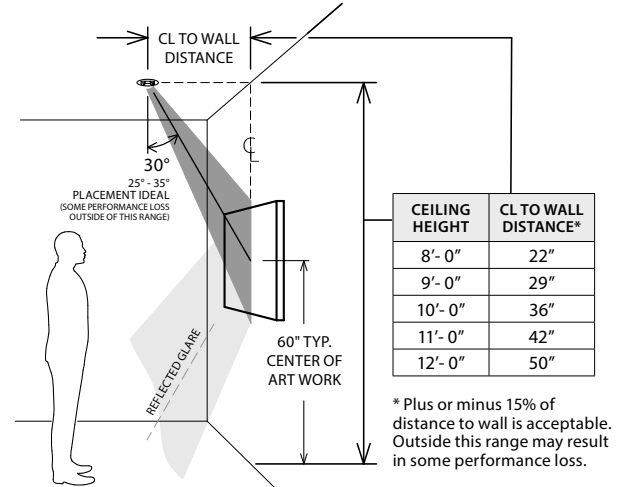
ARTWORK SIZES AND LUMINANCE LEVELS

Portrait and landscape rectangular illumination patterns can be achieved within the areas shown.



MOUNTING LOCATION

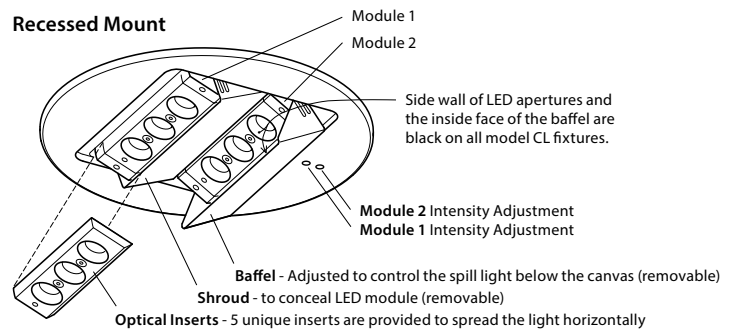
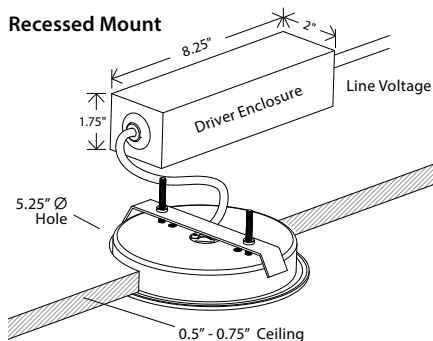
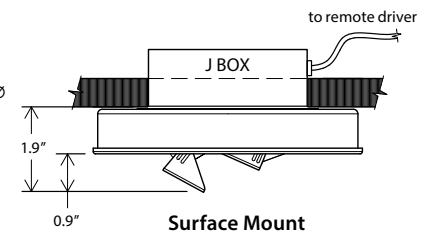
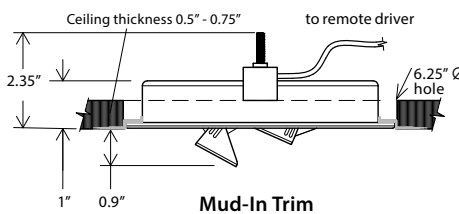
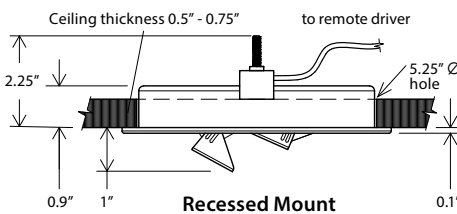
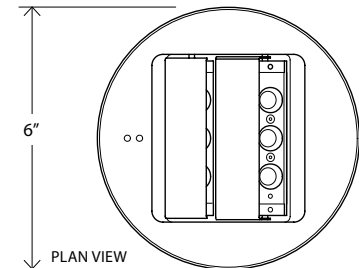
The mounting location is dependent on the ceiling height and the mounting height of the artwork.



Mounting location should be centered over the art work.

MOUNTING METHOD

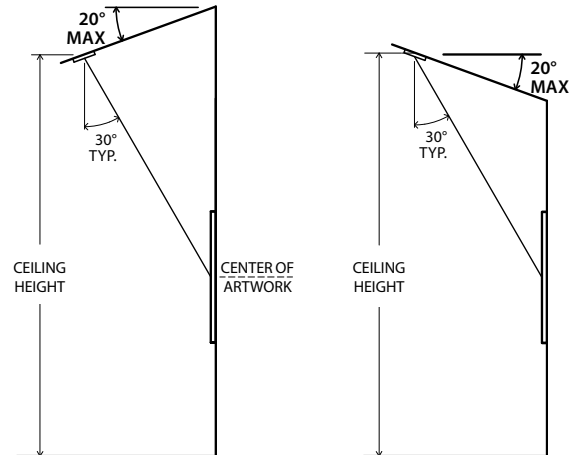
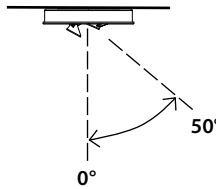
The fixture can be surface mounted, recess mounted, or flush recess mounted by using the mud in trim.



SLOPED CEILINGS

Both modules can rotate from 0 degrees (beam center perpendicular to ceiling) to 50 degrees towards the target surface.

At fixture heights up to 10ft, roof pitches of up to 20 degrees (about 4 in 12 roof pitch) are acceptable.



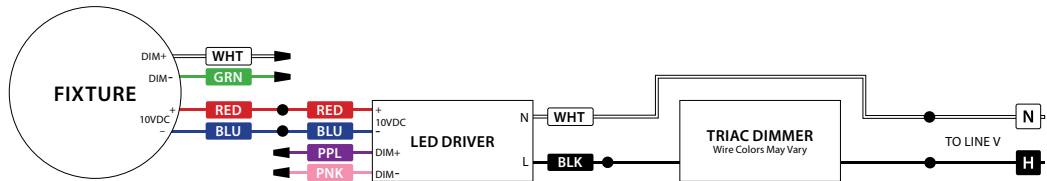
POWER AND CONTROL

The Revelite CL is a class 2 low voltage luminaire that must be connected to a remote 10 VDC power supply. The standard fixture comes with a power supply with an integral enclosure that can be installed in the ceiling near the fixture, or in a remote location. The fixture comes with 36 inch long, 18AWG wire leads. If the power supply is located farther away from the fixture, see below for the correct wire gauge to prevent excessive voltage drop.

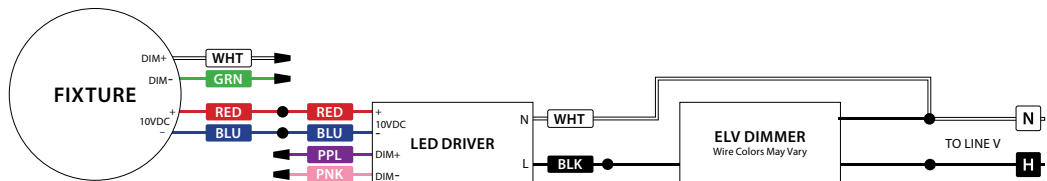
Maximum wire length between power supply and fixture: **18 AWG - 10'** **14 AWG - 30'** **12 AWG - 50'**

Phase Dimming - Forward and reverse phase dimming is achieved through the included remote power supply. Dimming to 5% is possible, performance will vary based on the dimmer used.

Forward Phase Dimming



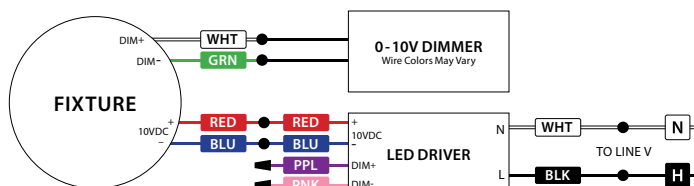
Reverse Phase Dimming



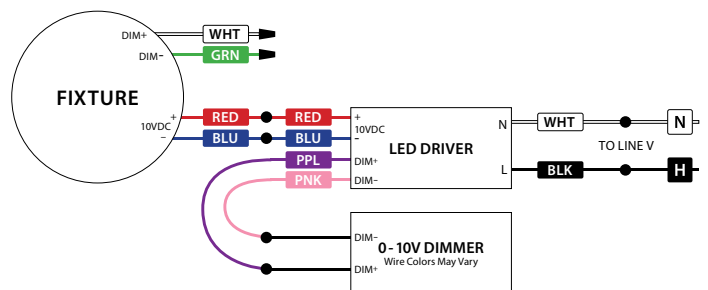
0-10V Dimming - There are two ways to achieve 0-10V dimming. The preferred method is to connect the 0-10V dimming system directly to the Revelite CL fixture. In this scenario, the remote power supply is not being dimmed and is supplying a constant 10VDC. This is the preferred method because it eliminates the chance of any compatibility issues between the dimming system and the power supply and will reliably allow dimming to about 5%.

The alternative method is to connect the 0-10V dimming system to the remote power supply. This method should only be considered if the power supply is being installed away from the fixture location and 0-10V dimming wiring is not available at each fixture location.

0 - 10 Volt Dimming (Preferred)

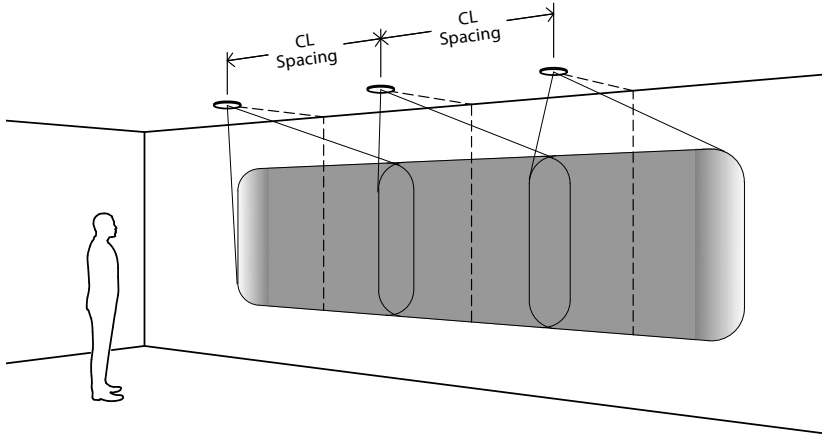


0 - 10 Volt Dimming (Alternate)



LARGE AND WIDE ARTWORK

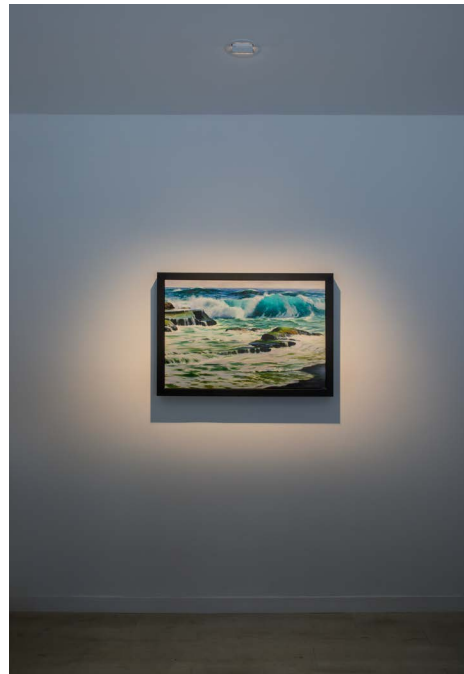
For large and wide artwork multiple CL fixtures can be installed.



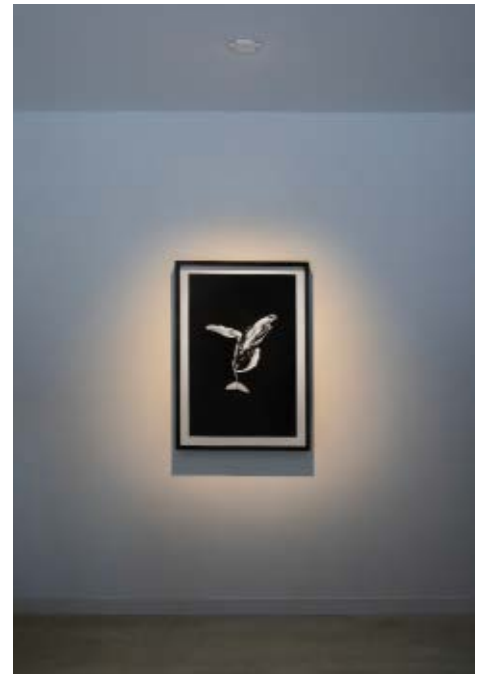
GALLERY



Ceiling Height 9.5' | Art Work: 25" H x 17" W



Ceiling Height 9.5' | Art Work: 27" H x 39" W



Ceiling Height 9.5' | Art Work: 42" H x 30" W