

3L LED logo light

Instructions

MOUNTING: (see video at enbergelec.com)

Do not open the glass cover until the light has been installed.

There are 3 different ways to mount the 3L light.

- (1) Using the included pair of wall anchors. (This is the preferred method of installation).
- (2) Mounting on a 2 x 4 electrical box.
- (3) Mounting on a 4 x 4 electrical box.

If mounting on an electrical box, DO NOT overtighten the 6/32 machine screws. You could easily distort the chassis.

Wall anchor mounting:

- (1) Hold the template steady and LEVEL in the preferred location, making sure none of the holes engage a wall stud and tape all 4 sides of the template to the wall.
- (2) Using the enclosed 16p nail and a hammer, punch the 3 holes in template. Punch the center hole to just make a mark and punch the 2 outer holes completely through wall.
- (3) Remove the template and using the 16p nail, slightly increase the size of the 2 outer holes by wiggling the nail in a circular motion (you need a slightly larger hole for the wall anchors). Then lightly tap in the 2 wall anchors with a hammer to the wall.
- (4) Tighten these anchors SLOWLY until you feel resistance (important) and then just ONE turn more. These anchors will bend easily, so be careful. After they are secure, backout the screws and set aside.
- (5) Make cutout for wiring on center mark with drill and 1" or larger spade bit (or hole saw). Because this is a DC connection, no conduit is needed.

WIRING:

Use a minimum of 18 gauge wire to connect the PS3L power supply to the light. Because of its constant current design, the power supply should be as close to the light as possible. Ideally, in the ceiling area directly above the light in a well ventilated location. Try to avoid long distances. (Keep the total DC resistance of the wiring to less than 5 ohms or the light's brightness may be affected considerably).

After routing the wire through your center hole, have someone hold the light and **SOLDER** the connection feeding the light. After soldering, use the orange wire nuts to cover.

- (6) Fasten light to wall with the 2 anchor screws and washers, tighten screws until the washers TOUCH the chassis. Then recheck for level and tighten JUST ONE TURN ! Position front cover in bottom lip and put on top cap.

OPERATION:

The 3L light can operate in either a steady or flashing mode. Both the ontime and the offtime can be adjusted on the power supply with a small jewelers screwdriver. You can also see the flash rate with the LED mounted on the power supply.

To turn on the light use a contact closure or an NPN open collector connected between the common and on terminals.

REPLACEMENT COVERS:

Order replacement covers, (the complete acrylic, art and glass sandwich) at enbergelec.com

These are 35.00 with exchange (return label included).

SPECIFICATIONS:

120vac (230vac available)

Constant current 320ma

Typical power consumption 8.5 watts