

3L LED logo light

MOUNTING: (see video at enbergelec.com) (See below for 3L in wall light)

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.
- (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.

3L in wall 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) Draw outline of template on wall and make a mark at notch arrows on left and right sides.

(3) Using a small drywall saw (or appropriate saw for other materials) carefully cut out the square exactly as marked. Then, cut out a notch on each side as shown on template. Check fit of housing and remove (do not remove tape yet).

(4) Route wiring through your cutout -- CLEAN the edges of cutout thoroughly (important) and when ready to install, remove the tape on each side. CAREFULLY and slowly position the housing in the cutout, not touching the tape to the wall yet, make sure your level and slowly push to fit. It's important to do this just once because once the tape makes contact it should not be moved. It's a very high bond tape that can not be "repositioned". If you ever need to remove the light, take a thin knife and slice behind the flange, cutting the tape. You can then take some acetone and scrape off the adhesive.

WIRING:

Use a minimum of 20 guage control cable wired to connect the PS3L power supply output to the light. The power supply can be located up to 200' away from the light itself -- 18 guage would be preferable for a long distance run. The control (trigger) cable can also be located up to 200' away from PS3L power supply.

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.

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