

LED BRICK LIGHT: 12V LIGHT ENGINE



Installation Instructions for BB-LED-WW-12V, 12V DC operation

READ ALL OF THESE INSTALLATION INSTRUCTIONS BEFORE INSTALLING THE FIXTURE. FAILURE TO FOLLOW INSTALLATION INSTRUCTIONS AND ALL APPLICABLE ELECTRICAL CODES WILL VOID THE PRODUCT WARRANTY.

WARNING: These products may represent a possible shock or fire hazard if improperly installed or attached in any way. Products should be installed in accordance with these instructions, current electrical codes and/or the current National Electric Code (NEC).

WARNING: Disconnect supply power from the source prior to installation. This product must be installed by a person familiar with the construction and operation of the product and the hazards involved, and in accordance with current electrical codes and/or the current National Electric Code (NEC). The electrical input of this product is 12V DC and requires 12V DC input. USE OF AN AC POWER SUPPLY OR AC TRANSFORMER VOIDS WARRANTY! The installer must determine whether 12V DC power exists at the junction box before installation.

Do not mount or support these fixtures in a manner that can cut or damage the wire insulations. Do not restrict fixture ventilation. Do not cover fixtures with insulation or any material that will impede air flow around and heat dissipation of the fixtures. Do not mount near gas or electrical heaters.

APPLICATION / USE:

This product requires the use of a rough-in housing (BB-HSG, sold separately). This product is suitable for wet location use in outdoor locations when used with watertight rough-in housing, BB-HSG, and its built-in gasket. It is designed only for recessed mounting.

Installation should be carried out by a local licensed electrician.

INSTALLATION & MOUNTING:

Disconnect power from the source prior to beginning installation. The electrical input of this product is 12V DC and requires 12V DC input voltage. USE OF OTHER SUPPLY VOLTAGE OR TYPE VOIDS WARRANTY!

1. Determine location of Brick Light. Cut out a 7.25" wide x 2.5" tall hole. Use BB-HSG housing as a template to locate screw holes as needed.
2. Determine which of the 1/2" NPS holes will be used and remove plug(s).
3. Attach conduit with appropriate methods for NEC and local code compliance.
4. Secure the rough-in housing using appropriate fasteners for mounting surface.
5. Connect green ground wire from rough-in housing to ground wire from source power.
6. Once rough-in housing is securely installed, connect the LED light engine housing's lead wire to the source using appropriate connectors, matching polarity: black lead from the fixture goes to the black supply lead, and the white lead from the fixture goes to the white supply lead. (Black is hot, white is neutral). See Figure 1.
7. Seat the LED light engine housing into the rough-in housing. Place the trim faceplate over top to be flush with mounting surface. Secure on either end using supplied allen head screws.
8. Using the finish caps provided, cover the screws by pushing firmly or by tapping gently with a dead blow hammer until seated and flush. See Figure 1.

