Q-Lume™

Revealing a better way

Tools Needed for Installation:
1/4" Nut driver, Small flat blade screwdriver

IMPORTANT SAFETY INSTRUCTIONS

Q-Lume should be installed by a qualified, licensed electrician. Modifying the product or altering the product voids UL Certification Listing. Failure to follow these instructions could result in death, bodily injury, fire, or electrical shock.

- Wet location rated only when globe is screwed onto fixture
- For indoor use only
- For use only on walls or ceilings
- Connect fixture to 120 volt, 60 Hz power source. Any other connection voids warranty.
- ETL Listed, Conforms to UL Std. 1598, Certified to CAN/CSA 22.2 #250.0
- The bulb and fixture get hot during use. Disconnect power and allow fixture to cool before changing bulb or handling fixture.

MOUNTING THE Q-LUME

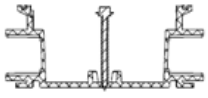
Inboard Mounting

⚠ *WARNINGS*

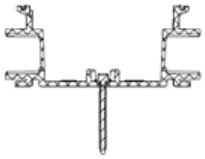
- Must use supplied mounting screw (#9-15x2", 1/4" Hi-hex w/shoulder & EPDM bonded washer, Type S, Shield Coated) or equivalent.
- If using any other screw type, care must be taken to seal around screw head in interior of junction box with an appropriate sealant to ensure a watertight seal.
- Failure to follow these instructions voids wet location rating of junction box and may damage wires.

NOTE: Q-Hub must be attached to a structural part of the building, such as a rafter

1. Ensure bonded washer is present on supplied screw.
2. Position Q-Hub onto mounting surface.
3. Secure Q-Hub to mounting surface by running supplied screw in until bonded washer is compressed and makes a watertight seal.
4. Ensure screw is properly seated to make a watertight seal as shown in Figure 1.
5. If desired, a second screw can be used in alternate boss that is provided inside junction box. When using a second screw, ensure watertight seal is made either by adding silicone (or equal) or using screw with bonded rubber washer.
6. If pre-installed mounting screw is removed from box to use outboard mounting, seal hole in box with appropriate material, such as silicone, to ensure a watertight seal.



Q-Box ships with mounting screw pre-installed



Mounting screw properly installed

Figure 1 - Inboard Mounting

Outboard Mounting

NOTE: Outboard mounting screws are not provided. Q-Hub must be attached to a structural part of the building, such as a rafter

1. Position Q-Hub onto mounting surface.
2. Secure Q-Hub to mounting surface using locations provided on Q-Hub as shown in Figure 2.
3. It is recommended to use an appropriate screw for the environment, with a shoulder large enough to avoid any slip through the mounting locations.

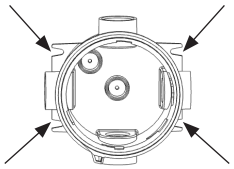


Figure 2 - Outboard Mounting Locations

Wiring the Q-Lume

⚠ *WARNINGS*

- Risk of electrical shock. Disconnect power at fuse or circuit breaker before installing or servicing.
- Make certain that the fixture is connected to a 120 volt power source.
- UL-approved wire connectors should be used. Be sure no loose strands of wire are sticking out from under wire connectors.

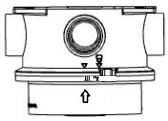
1. Attach conduit to Q-Hub and pull wire leads to the box. (Refer to "Conduit Openings" section and "Gluing" section)
2. Connect white supply wire (neutral) to the white fixture wire using a wire connector (sold separately).
3. Connect the HOT (usually black) supply wire to the black fixture lead (120V) using a wire connector (sold separately).
4. Connect the supply ground wire to fixture ground wire using a wire connector (sold separately).
5. Cap and insulate any unused wire leads.
6. Verify that all unused openings on Q-Hub are plugged with UL-approved adaptor.

Continued →

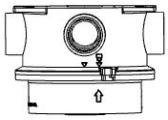
Wiring the Q-Lume (Continued)

7. Verify Q-Hub o-ring is in place and secured in gasket groove of Q-Hub. Figure 3.
8. Position socket base so alignment arrows line up. Alignment arrows are located directly above locking tab on socket base and directly to left of locking hole in Q-Hub. The socket base should seat completely into Q-Hub when lined up as described. Figure 3.
9. Lock socket base in place by turning it clockwise until a click is heard from the socket base locking in place. Verify socket base is locked into place. Figure 3.

O-ring in place & secure



Align Arrows



Turn socket base clockwise until locked in place

Figure 3 - Attaching Socket Base

10. Verify socket base gasket is securely seated in bottom of socket base. If this gasket is not in place the wet locations and damp locations rating is void.
11. Install lamp
12. Thread the glass or poly jar to socket fixture base, ensuring jar is secured tight enough against gasket to provide a watertight seal.
13. Turn on the main power at the main fuse/breaker box.

Conduit Openings

⚠ WARNING

- All unused openings must be plugged with a UL Approved adapter.

Two conduit openings are intentionally left open to provide the fastest install. If more openings are needed, simply knockout the plug in the Q-Hub using a screwdriver or another tool, as shown in Figure 4. When using knockout feature, ensure knockouts are smooth and free of burrs or other sharp edges that may damage wires.

Nonmetallic fittings can be used in the conduit openings, but they must be a UL approved fitting. In order to maintain a watertight seal, installing a watertight UL approved fitting is required. Only glues stated in this instruction manual (under "Gluing" section) should be used.

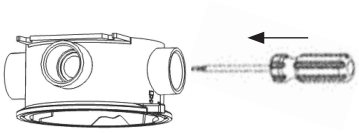


Figure 4 - Conduit Openings

Gluing

⚠ WARNING

- Use of an unapproved glue may result in connection failure and voids all safety certifications

To ensure proper adhesion and seal, use the approved glues (or equivalent) listed below:

- Oatey All Purpose Cement #30821 For use with PVC, CPVC & ABS
- Oatey ABS to PVC Green Transition Cement #30900
- Oatey Purple Primer #30756 For use with CPVC & PVC
- Oatey Heavy Duty Gray PVC Cement
- Oatey Rain-R-Shine Medium Blue PVC Cement

Cleaning and Maintenance

⚠ WARNING

- Ensure fixture temperature is cool enough to touch. Do not clean or maintain fixture while fixture is energized.

1. Turn off power at main fuse or circuit breaker before installing or servicing.
2. Clean glass lens with non-abrasive cleaning solution or soap and water.
3. Always use or replace bulb with the same wattage or lower wattage than required. Installing a bulb of higher wattage can create a fire hazard. Using higher wattage bulbs will void the warranty of the Q-Lume.