



Q-Lux™ Revealing a better way

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

IMPORTANT SAFETY INSTRUCTIONS

Q-Lux 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.

- Suitable for damp or wet locations
- 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

MOUNTING THE Q-LUX

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.

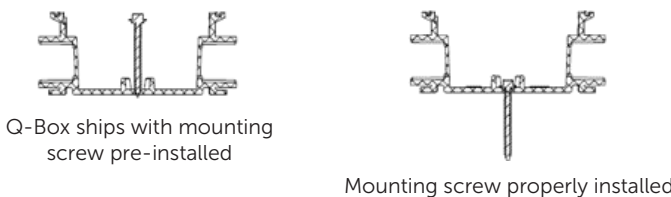


Figure 1 - Inboard Mounting

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.

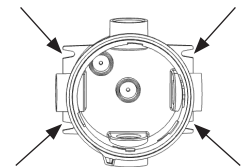


Figure 2 - Outboard Mounting Locations

Wiring the Q-Lux

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. Turn off the main power at the main fuse/breaker box.
2. Attach conduit to Q-Hub and pull wire leads to the box. (Refer to "Conduit Openings" section and "Gluing" section)
3. Connect white supply wire (neutral) to the Q-Lux wiring harness white wire using a wire connector. Connect the HOT (usually black) supply wire to the Q-Lux wiring harness black lead (120V) using a wire connector. (Wire connectors sold separately). Figure 3.

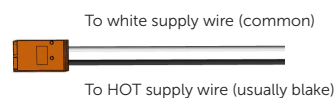


Figure 3 - Connect Wiring Harness

Continued



Wiring the Q-Lux (Continued)

- 4. Cap and insulate any unused wire leads.
- 5. Verify that all unused openings on Q-Hub are plugged with UL-approved adaptor.

- 6. Verify Q-Hub o-ring is in place and secured in gasket groove of Q-Hub. Figure 4.



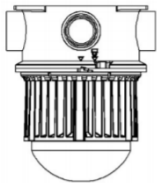
Figure 4 - O-ring in place & secure

- 7. Connect orange wiring harness connector coming from Q-Hub to orange connector on the Q-Lux light. Make sure connection is secure. Figure 5.

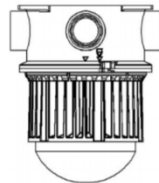


Figure 5 - Connect wiring harness

- 8. Position Q-Lux so locking tab on Q-Lux and alignment arrow on Q-Hub line up. Alignment arrow on Q-Hub is located directly to the left of locking hole in Q-Hub. The Q-Lux should seat completely into Q-Hub when lined up as described. Figure 6.
- 9. Verify no wires are going to get pinched when Q-Lux is locked into place. Lock Q-Lux in place by turning it clockwise until a click is heard. You should feel and hear Q-Lux lock into place. Figure 6.



Align Arrows



Turn Q-Lux clockwise until locked in place

Figure 6 - Attaching Q-Lux

- 10. Turn on the main power at the main fuse/breaker box.

Removing the Q-Lux from the Q-Hub

- 1. Remove Q-Lux from the Q-Hub by placing a screwdriver into the slot of the locking mechanism and prying the Q-Lux counter-clockwise until released from the lock. Figure 7.

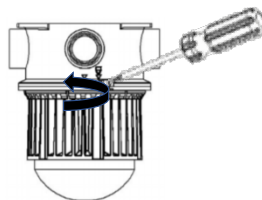


Figure 7 - Pry Q-Lux counter-clockwise to unlock

Conduit Openings



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

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 8. 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 8 - Conduit Openings

Gluing



- 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



- Ensure fixture temperature is cool enough to touch. Do not clean or maintain fixture while fixture is energized.
- Turn off power at main fuse or circuit breaker before installing or servicing.
 - A pressure washer may be used to clean the Q-Lux, however, do not place the pressure washer wand tip closer than 6-inches from the Q-Lux while cleaning and do not use a tip with an opening <15°. The pressure washer cannot exceed 1,450 PSI and the temperature of the water cannot exceed 176°F/80°C.