

## WP2 INSTALLATION INSTRUCTIONS



Thank you for buying RAB Lighting fixtures. Our goal is to design the best quality products to get the job done right. We'd like to hear your comments. Call the Marketing Department at 888-RAB-1000, or email: [marketing@rablighting.com](mailto:marketing@rablighting.com)

### IMPORTANT

**READ CAREFULLY BEFORE INSTALLING FIXTURE. RETAIN INSTRUCTIONS FOR FUTURE REFERENCE.**

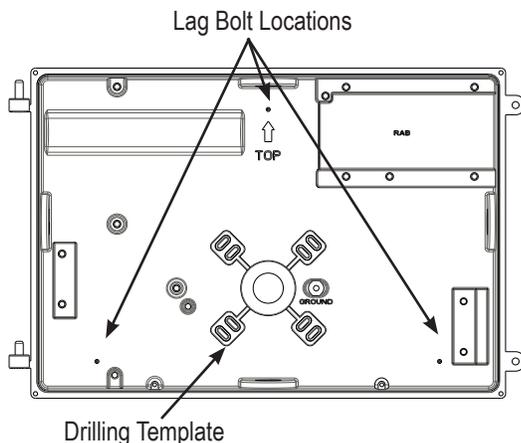
RAB fixtures must be wired in accordance with the National Electrical Code and applicable local codes. Proper grounding is required for safety. Wallpacks are for outdoor use and should not be used in areas with limited ventilation or high-ambient temperatures. Installation should be done by a qualified electrician.

**WARNING: Make certain power is OFF before installing or maintaining fixture.**

### MOUNTING

Use the **Drilling Template** on the inside back surface of the housing to match most standard junction boxes or lag bolt housing to mounting surface using locations noted below.

1. Open door by loosening (4) screws. Remove reflector.
2. Prepare the housing for use by drilling out the appropriate holes.
3. Line up the housing in desired location and mount securely.
4. Complete the wiring to the supply wires and ground (see wiring instructions).
5. Replace the reflector, install the lamp. Close door and tighten the four screws.
6. To insure weatherproof seal make sure all holes (mounting, plugs, conduit, etc.) are sealed with weatherproof silicone sealant.



### LOCATION

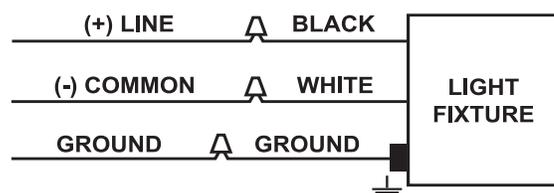
Fixture should be located on wall at least 18" below any overhang or other structural detail. Fixture should not be recessed. Fixture must be positioned with lamp in horizontal position. Housing must be mounted on wall with lens facing down as shown in line drawing above.

### WIRING

**HID ONLY: If supply wires are located within (3) inches of ballast, use wire rated for at least 150°C. If supply wires are routed and secured min (3) inches away from ballast, use wire rated for at least 90° C.**

All QT units are factory wired for 120V except those factory ordered with a 277V Photocell (/PC2). If other voltages are required, remove reflector and rewire for the appropriate voltage.

1. Connect the appropriate voltage fixture lead to the HOT supply lead.
2. Connect the "COM" fixture lead to the COMMON supply lead.
3. Fixture ground screw must be connected to supply ground.
4. All unused leads must be capped and insulated.

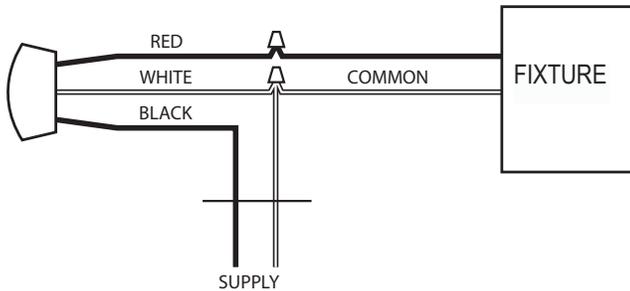


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### PHOTOCELL INSTALLATION

A PHOTOCELL MAY BE INSTALLED IN THE FIELD.

1. Remove door and reflector
2. Remove close up plug on top of fixture
3. Install photocell and wire as per diagram



### CLEANING

**Caution: Be sure fixture temperature is cool enough to touch. Be sure power is off.**

Clean reflector and refractor with a cloth moistened with non abrasive glass cleaning solution.

### TROUBLESHOOTING

1. Is the proper lamp is installed? Check the wattage and ANSI code on the fixture label against markings on the lamp. Refer to Replacement Lamp table above for verification.
2. Make sure the lamp is not defective. Try a lamp known to be in operating condition.
3. Check that the line voltage at fixture is correct. Refer to wiring directions.
4. Is there voltage at the lamp socket? If there is no voltage, check all connections.
5. Is the fixture grounded properly?
6. Is the photocell functioning properly (if used)?

### RE-LAMPING

**CAUTION:** Prior to installing, check that the lamp is of proper type and wattage. Observe lamp manufacturer's recommendations on lamp operation, burning position and ballast type.

1. Disconnect power
2. Make sure fixture and lamp are cool enough to touch.
3. Loosen two screws holding door frame.
4. Open by swinging door to the left, letting hinge hold door.
5. Replace lamp.
6. Close door and tighten screws.

### REPLACEMENT LAMPS AND BALLASTS

| Wattage                     | RAB Lamp Catalog# | ANSI Code | RAB Ballast Catalog# |
|-----------------------------|-------------------|-----------|----------------------|
| <b>High Pressure Sodium</b> |                   |           |                      |
| 70                          | LHPS70            | S62       | BHPSH70              |
| 70                          | LHPS70            | S62       | BHPSH70QT            |
| 100                         | LHPS100           | S54       | BHPSN100             |
| 100                         | LHPS100           | S54       | BHPSH100             |
| 100                         | LHPS100           | S54       | BHPSH100QT           |
| 150                         | LHPS150           | S55       | BHPSN150             |
| 150                         | LHPS150           | S55       | BHPSH150QT           |
| <b>Metal Halide</b>         |                   |           |                      |
| 70PS                        | LMH70             | M98       | BMHH70QT             |
| 100PS                       | LMH100            | M90       | BMHH100QT            |
| 125PS                       | LMH125PS          | M150      | BMHH125PSQ           |
| 150PS                       | LMH150PS          | M102      | BMHH150PSQ           |
| 150                         | LMH150            | M107      | BMHH150QT            |
| <b>Compact Fluorescent</b>  |                   |           |                      |
| 26                          | LCFL26            | GX24-q3   | BCFL42               |
| 32                          | LCFL32            | GX24-q3   | BCFL42               |
| 42                          | LCFL42            | GX24-q4   | BCFL42               |

Note: These instructions do not cover all details or variations in equipment nor do they provide for every possible situation during installation, operation or maintenance.

### Easy Installation & Product Help

#### Tech Help Line

Call our experts  
888 RAB-1000

#### Toll Free Fax

Send a fax to RAB  
888 RAB-1232

#### rabweb.com

Visit our website  
for product info

#### e-mail

Answered promptly  
sales@rabweb.com