

## WP3 INSTALLATION INSTRUCTIONS

Thank you for buying RAB lighting fixtures. Our aim 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@rabweb.com](mailto:marketing@rabweb.com)



### IMPORTANT

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

RAB fixtures must be wired in accordance with the National Electrical Code and all applicable local codes. Proper grounding is required for safety. THIS PRODUCT MUST BE INSTALLED IN ACCORDANCE WITH THE APPLICABLE INSTALLATION CODE BY A PERSON FAMILIAR WITH THE CONSTRUCTION AND OPERATION OF THE PRODUCT AND THE HAZARDS INVOLVED. Observe all caution and warning labels.

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

### LOCATION

1. Secure the Wallpack to a solid surface. Do not recess any part of this fixture.
2. Mount over a junction box or feed with conduit on each side, top or bottom. Using lag bolts to secure fixture to the mounting surface is recommended.
3. To ensure weatherproof seal, use the supplied mounting gasket and seal all mounting plugs, conduit entrances and along all sides of the fixture with weatherproof silicone sealant.

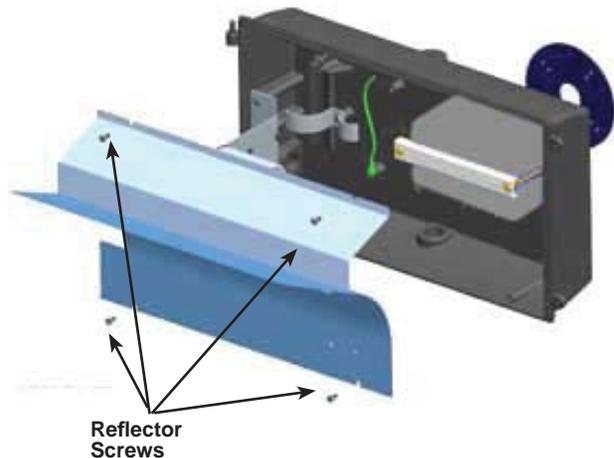
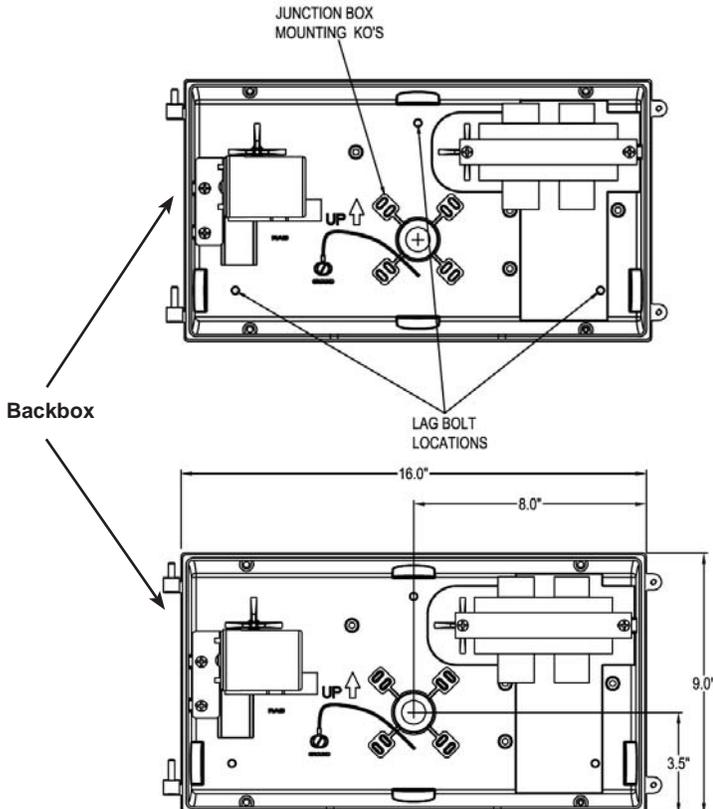
### WIRING

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

WP3SC250QT HPS	QT wired for 277V
WP3H200-250PSQ	QT wired for 277V
WP3F120QT	120V thru 277V*

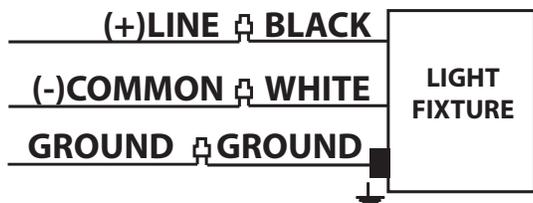
\*No internal wiring changes needed for various voltages as the ballast is quad tap electronic.

1. Open door and remove the reflector by loosening the **(4) Reflector Screws**.
2. Connect the desired tap from the ballast to the (+) LINE supply lead.
3. Connect the white fixture lead to the (-) COMMON supply lead.
4. Connect the bare copper Ground wire from fixture to supply ground.
5. Replace the reflector. Tighten screws. Install the lamp and close the door.



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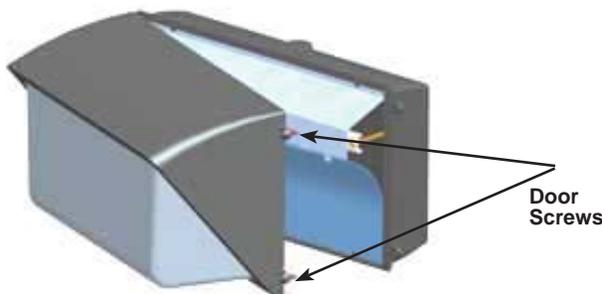
### WIRING SCHEMATIC



### LAMP INSTALLATION

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

1. Disconnect power. Make sure fixture and lamp are cool enough to touch.
2. Loosen **Door Screws (2)** from the door frame. A small rubber O-ring will retain screws. Open door.
3. Fully insert lamp into socket.
4. Before closing door, make sure gasket is properly seated all around the backbox of the wallpack. Close the door. Tighten **Door Screws**.



### CLEANING & MAINTENANCE

**CAUTION:** Be sure fixture temperature is cool enough to touch. Do not clean or maintain while fixture is energized.

1. Clean glass lens with non-abrasive glass cleaning solution.
2. As lamps age, light output diminishes. Mass relamping at regular intervals ensures full light output at the highest efficiency.

### REPLACEMENT LAMPS AND BALLASTS

Wattage	Lamp Catalog#	ANSI Code	Ballast Catalog#
<b>High Pressure Sodium</b>			
250	LHPS250	S50	BHPSH250QT
<b>Metal Halide</b>			
200 Pulse St	LMH200PSQ	M136	BMHH200PSQ
250 Pulse St	LMH250PSQ	M138	BMHH250PSQ
<b>Compact Fluorescent</b>			
120	LCFL120	Base Type 2G8-1	BCLF120

### ACCESSORIES AND REPLACEMENT PARTS

<b>Chrome Wire Guard:</b>	GDWP3W
<b>Door Frame &amp; Glass:</b>	GLWP3F (bronze) GLWP3FW (white)
<b>Factory Installed Photocell:</b>	"/PC" (120V) "/PC2" (277V) "/PCS" (Swivel 120V)
<b>Quartz Restrike</b>	"/QR" HID only

### 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)?

RAB fixture designs are protected under U.S. and International Intellectual Property laws. Patent Pending.

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.