

## WP2C CUT-OFF 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.**

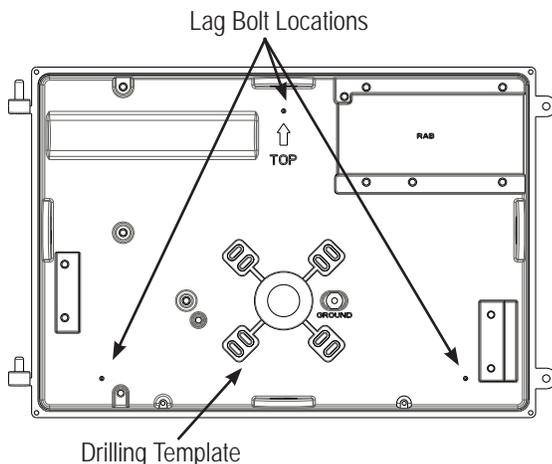
RAB fixtures must be wired in accordance with the National Electrical Code and applicable local codes. Proper grounding is required for safety. Wallpacks are for outdoor use and should not be used in areas with limited ventilation or high-ambient temperatures. Installation should be done by a qualified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

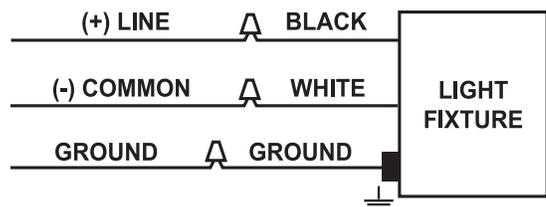
Fixture should be located on wall at least 18" below any overhand or other structural detail. Fixture should not be recessed. Fixture must be positioned with lamp in horizontal position. Housing must be mounted on wall with lens facing down as shown in line drawing above.

### 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. Do not use any supply voltage other than those specified below.

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.

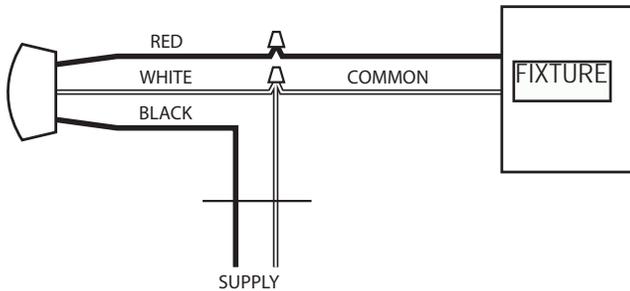


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### PHOTOCELL INSTALLATION

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



### 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.

### 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)?

### 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>		<b>Base</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.