

WP1FC FULL 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@rabweb.com

IMPORTANT

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

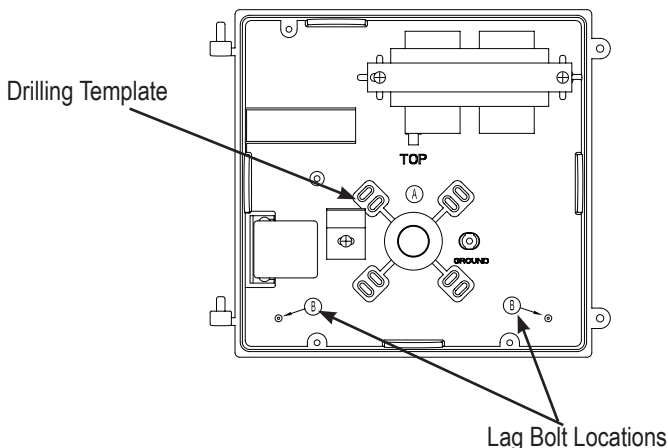
RAB fixtures must be wired in accordance with the National Electrical Code and applicable local codes. Proper grounding is required for safety. Wallpacks are for outdoor use and should not be used in areas with limited ventilation or high-ambient temperatures. Installation should be done by a qualified 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 for more secure installation, lag bolt housing to mounting surface using locations shown below.

1. Swing open door by loosening two screws. Remove reflector and lift door off hinges.
2. Prepare the housing for use by knocking 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 slide door onto hinges. Swing door close and tighten two screws.
6. To insure weatherproof seal make sure all holes (mounting, plugs, conduit, etc.) are sealed with weatherproof silicone sealant.



LOCATION

Mount fixture on a wall with lens facing down as shown above. Fixture must be level. Lamp must be in a horizontal position. DO NOT mount in a way that would entrap heat.

WIRING

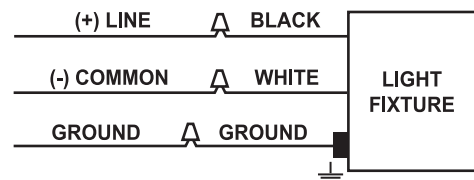
HID ONLY CAUTION: 125°C supply wire required - Not for use in dwellings. To use 90°C supply wire, use additionally supplied 12" leads and make supply connections inside the junction box.

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.

WP1FCSN35-150	HPS	120V only
WP1FCSH50-150QT	HPS	120,208,240,277V
WP1FCH50-100QT, 125PSQ	MH	120,208,240,277V
WP1FC26,32,42	CFL	120V thru 277V*

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

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.

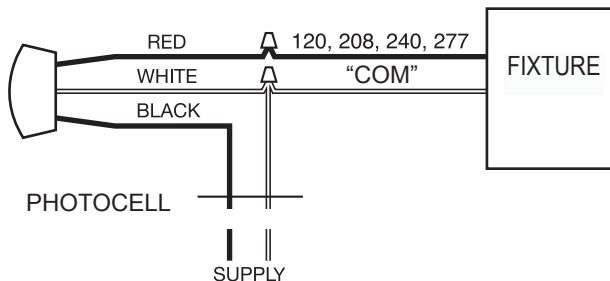


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PHOTOCELL INSTALLATION

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
4. Use photocell rated for your supply voltage



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 lens and door.
4. Open door.
5. Replace lamp.
6. Close lens and tighten screws.

REPLACEMENT LAMPS AND BALLASTS

Wattage	RAB Lamp Catalog#	ANSI Code	RAB Ballast Catalog#
High Pressure Sodium			
35	LHPS35	S55	BHPSN35
50	LHPS50	S68	BHPSN50
50	LHPS50	S68	BHPSH50QT
70	LHPS70	S62	BHPSN70
70	LHPS70	S62	BHPSH70QT
100	LHPS100	S54	BHPSN100
100	LHPS100	S54	BHPSH100QT
150	LHPS150	S55	BHPSN150
150	LHPS150	S55	BHPSH150QT
Metal Halide			
50PS	LMH50	M110	BMHH50QT
70PS	LMH70	M98	BMHH70QT
100PS	LMH100	M90	BMHH100QT
125PS	LMH125PS	M150	BMHH125PSQ
Compact Fluorescent			
26	LCFL26	GX24q-3	BCFL42
32	LCFL32	GX24q-3	BCFL42
42	LCFL42	GX24q-4	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.