

WP1 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 THESE INSTRUCTIONS FOR FUTURE REFERENCE.

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.

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

MOUNTING

Use the **Drill 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 ensure weatherproof seal make sure all holes (mounting, plugs, conduit, etc.) are sealed with weatherproof silicone sealant.

LOCATION

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

WIRING

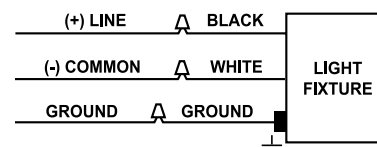
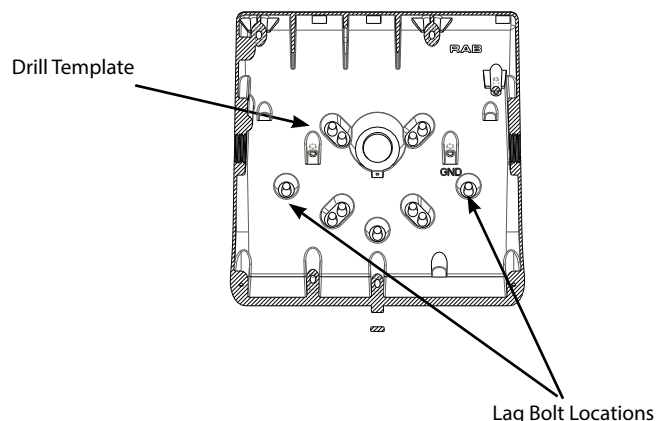
Do not use any supply voltage other than those specified below. 120V photocell is supplied unless specified with "/PC2" suffix, available for CFL models only:

WP1SN35-100	HPS	120V only
WP1H50-70	MH	120V only
WP1F26,32,42	CFL	120 thru 277V*

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

HID ONLY: If supply wires are located within (3) inches of ballast, use wire rated for at least 125°C. If supply wires are routed and secured min (3) inches away from ballast, use wire rated for at least 90° C.

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.



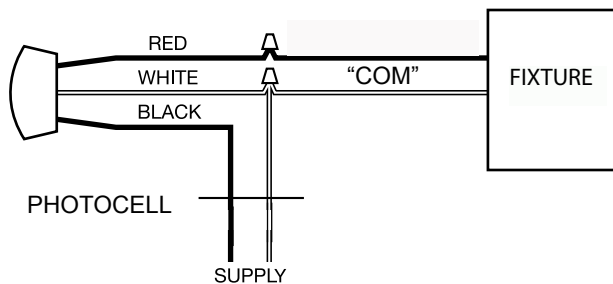
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PHOTOCELL INSTALLATION

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. If used, is the photocell functioning properly?

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.

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 four screws holding lens.
4. Open by swinging lens down, letting hinge hold lens.
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
70	LHPS70	S62	BHPSN70
100	LHPS100	S54	BHPSN100
Metal Halide			
50PS	LMH50	M110	BMHN50
70PS	LMH70	M98	BMHN70
Compact Fluorescent		Base	
26	LCFL26	GX24q-3	BCFL42
32	LCFL32	GX24q-3	BCFL42
42	LCFL42	GX24q-4	BCFL42