

VX2/ VXBR2 HID 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.

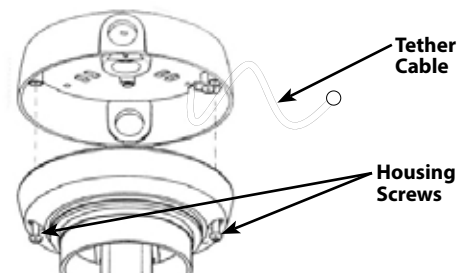
Fixtures must be wired in accordance with the National Electrical Code and all applicable local codes. Proper grounding is required for safety. THIS PRODUCT MUST BE INSTALLED IN ACCORDANCE WITH THE APPLICABLE INSTALLATION CODE BY A PERSON FAMILIAR WITH THE CONSTRUCTION AND OPERATION OF THE PRODUCT AND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

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

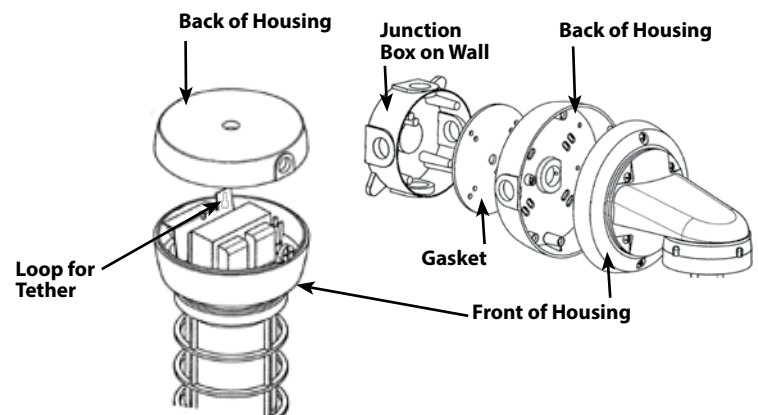
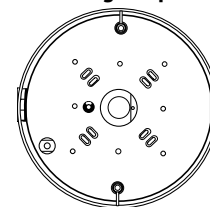
MOUNTING

Fixture should be located on wall or ceiling and not be recessed. Use the **Housing Template** to match the recessed or surface mount **Junction Box** (not supplied) or use the **Housing** to make electrical connections. Fixture cannot be mounted upside down in wet locations. For more secure installation, lag bolt ballast box to mounting surface.

1. Loosen **Housing Screws** from **Front of Housing**.
2. Prepare **Back of Housing** for use by knocking out the appropriate mounting holes.
3. Seal all gaps between ceiling and fixture with weatherproof silicone sealant. (Be sure to use the **Gasket** supplied.)
4. Fixture may be wired through back conduit entrance or either side conduit entrance for surface mounting.
5. Connect wires as shown in wiring section. The **Back of Housing** has a **Tether Cable** and the **Front of Housing** has a **Loop** for hanging the fixture during wiring.
6. Reattach the **Front & Back Housing**. Be sure the original Gasket seals properly. Tighten **Housing Screws**.
7. Install the lamp, globe and guard.
8. Seal all holes, plugs and conduit entrances with weatherproof silicone sealant.



Housing Template



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LAMP INSTALLATION

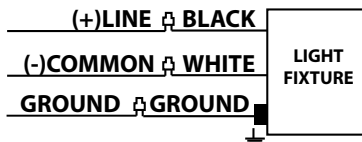
CAUTION: Prior to installing, check that the lamp is the correct ANSI type and wattage. Observe lamp manufacturer's recommendations on lamp operation, ballast type and burning positions.

1. Disconnect power. Make sure fixture and lamp are cool enough to touch.
2. Open fixture by unscrewing guard and globe from fixture.
3. Fully tighten the lamp into the socket.
4. Replace globe and guard.
5. Tighten screws.

WIRING

Use supply wire rated for 90°C. The units are wired for 120V. Units built for a specific voltage are factory-wired for the requested voltage. Make sure the supply voltage is compatible with the unit. Multi tap units may be used with a choice of 120V, 208V, 240V and 277V, provided that proper ballast leads are connected in the field.

1. Connect the black fixture lead to the (+) LINE supply lead.
2. Connect the white fixture lead to the (-) COMMON supply lead.
3. Connect the Ground wire from fixture to supply ground.
4. All unused leads must be capped and insulated.



ACCESSORIES

- Die Cast Guard:** GD200DG
Wire Clamp Flat Bottom: GD200BAR
Wire Clamp Round Bottom: GD200CL

REPLACEMENT LAMPS AND BALLASTS

Wattage	RAB Lamp Catalog#	ANSI Code	RAB Ballast Catalog#
High Pressure Sodium			
35	LHPS35	S76	BHPSN35
50	LHPS50	S68	BHPSN50
70	LHPS70	S62	BHPSH70QT BHPSN70
100	LHPS100	S54	BHPSH100QT
Metal Halide			
50	LMH50	M110	BMHH50QT BMHN50
70	LMH70	M98	BMHH70QT BMHN70
100	LMH100	M90	BMHH100QT

TROUBLESHOOTING

1. Is the proper lamp 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?

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 re-lamping at regular intervals ensures full light output at the highest efficiency.

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

rabweb.com
Visit our website for product info

email
Answered promptly sales@rabweb.com