

# VX/ VXBR CFL 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](mailto:marketing@rabweb.com)



## IMPORTANT

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

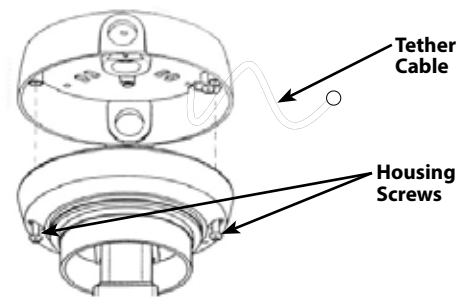
Fixtures must be wired in accordance with the National Electrical Code and all applicable local codes. Proper grounding is required for safety. THIS PRODUCT MUST BE INSTALLED IN ACCORDANCE WITH THE APPLICABLE INSTALLATION CODE BY A PERSON FAMILIAR WITH THE CONSTRUCTION AND OPERATION OF THE PRODUCT AND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

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

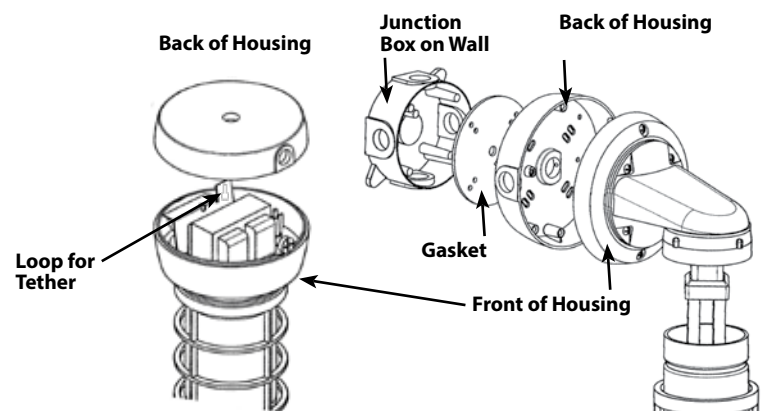
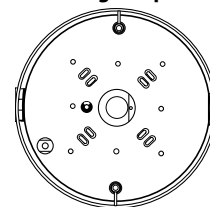
## MOUNTING

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

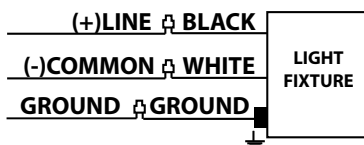
**CAUTION: Prior to installing, check that the lamp is the correct wattage. Observe lamp manufacturer's recommendations on lamp operation, ballast type and burning positions.**

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 insert 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

<b>Die Cast Guard:</b>	GD100DG GD200DG
<b>Wire Clamp Flat Bottom:</b>	GD100BAR GD200BAR
<b>Wire Clamp Round Bottom:</b>	GD100CL GD200CL

## REPLACEMENT LAMPS AND BALLASTS

<u>Wattage</u>	<u>RAB Lamp Catalog#</u>	<u>RAB Ballast Catalog#</u>
<b>Compact Fluorescent Lamp</b>		
13	LCFL13Q-4P	BCFL13-4E
26	LCFL26	BCFL42
32	LCFL32	BCFL42
42	LCFL42	BCFL42

## TROUBLESHOOTING

1. Is the proper lamp installed?
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](mailto:sales@rabweb.com)