VAN3 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. Vandalproof fixtures are for indoor or outdoor use and should not be used in areas with limited ventilation or high ambient temperatures. 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.

LOCATION

Fixture can be ceiling mounted. Fixture should not be recessed.

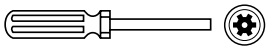
MOUNTING

It is recommended that fixture be attached securely by drilling through the back of fixture and attaching to mounting surface (hardware not supplied). When drilling fixture, care must be taken to avoid drilling close to ballast or within 1/4" of sides of fixture. All unused entries must be plugged. Use weatherproof silicone sealant to insure proper seal.

1. Remove refractor and socket mounting plate from fixture.
2. For reccessed junction box installation, remove knockout at back of fixture. (see mounting note above).
3. For conduit use, remove desired side knockout(s) in housing. (see mounting note above).
4. Connect fixture ballast leads to supply leads with wire nuts. See wiring section.
5. Replace socket mounting plate. Install lamp and refractor.

TAMPERPROOF SCREWS

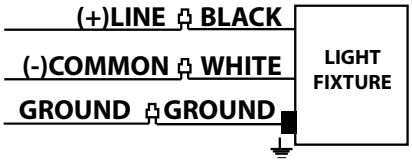
RAB Vandalproof fixtures are shipped with both standard and tamperproof screws. For maximum security, insert tamperproof screws into the refractor and tighten with Center Pin Torx Screwdriver. (Catalog # Vandriver, not supplied)



WIRING

IF SUPPLY WIRES ARE LOCATED WITHIN (3) INCHES OF BALLAST, USE WIRE RATED FOR AT LEAST 150ºC. IF SUPPLY WIRES ARE ROUTED AND SECURED MIN. (3) INCHES AWAY FROM BALLAST, USE WIRE TREATED FOR AT LEAST 90ºC. SOME FIXTURES WILL BE SHIPPED WITH A BALLAST FOR MULTIPLE VOLTAGES. IF YOUR INSTALLATION VOLTAGE IS DIFFERENT THAN THE WIRE FIXTURE VOLTAGE, FIND THE CORRECT FIXTURE VOLTAGE WIRE AND MAKE THE PROPER WIRE CONNECTIONS.

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



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LAMP INSTALLATION

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

1. Disconnect power. Make sure fixture and lamp are cool enough to touch.
2. Loosen screws holding refractor.
3. Remove refractor and install lamp.
4. Close refractor and re-install screws.

REPLACEMENT LAMPS

METAL HALIDE

Wattage	Catalog	ANSI Code
50W	LMH50	M110
70W	LMH70	M98

HIGH PRESSURE SODIUM

Wattage	Catalog	ANSI Code
35W	LHPS35	S76
50W	LHPS50	S68
70W	LHPS70	S62

FLUORESCENT

Wattage	Catalog	Base	Type
26W	LCFL26	GX24q-3	CFL
32W	LCFL32	GX24q-3	CFL
42W	LCFL42	GX24q-4	CFL

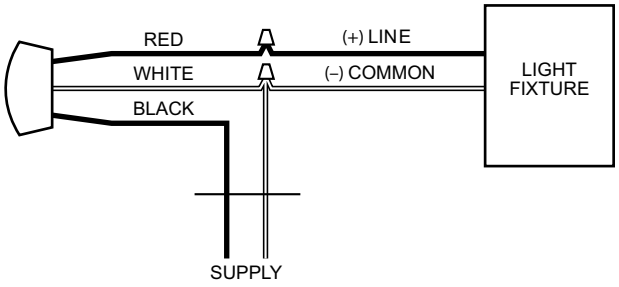
Note: Minimum starting temperature of fluorescent fixture is 0ºF (-18ºC).

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.

PHOTOCELL INSTALLATION

A photocell control may be installed in the field.

1. Remove reflector and socket mounting plate.
2. Remove close-up plug on desired side of fixture.
3. Install Photocell as per diagram.



CLEANING & MAINTENANCE

CAUTION: Be sure fixture temperature is cool enough to touch. Do not clean or maintain while fixture is energized.

1. Clean reflector and refractor with non-abrasive glass cleaning solution.
2. As lamps age, light output diminishes. Mass relamping at regular intervals ensures full light output at the highest efficiency.

TROUBLESHOOTING

1. Is the proper lamp is installed? Check the wattage and on the fixture label against markings on the lamp. Refer to Replacement Lamp table 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)?

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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