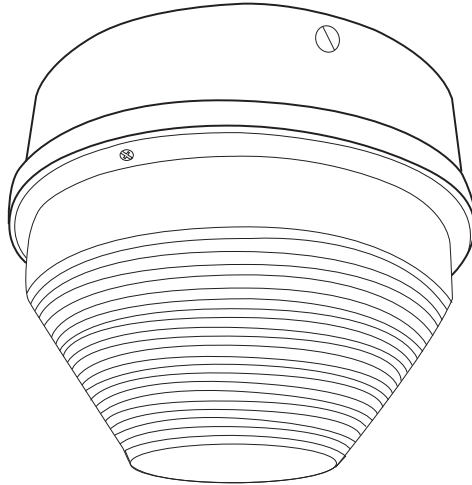


RAB

VAN GARAGE LIGHTER

Installation Instructions

 **US LISTED**
SUITABLE FOR WET LOCATIONS



Thank you for buying RAB lighting fixtures. Our aim is to design the best quality products so you can get the job done right. We'd like to hear your comments. Call us at 888-RAB-1000, attention Marketing Department.

IMPORTANT

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

RAB Vandalproof fixtures must be wired in accordance with the National Electrical Code and applicable local codes. Proper grounding is required for safety.

RAB Vandalproof fixtures 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.

LOCATION

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

MOUNTING

Junction Box Mounting:

1. Remove refractor and reflector from fixture.
2. Remove close-up plug in back (see mounting note below).
3. Connect fixture leads to supply leads with wire nuts.
4. Install reflector, install lamp and replace refractor.

MOUNTING NOTE: It is recommended that fixture be attached securely by drilling through knockouts in back of fixture and attaching to mounting surface (hardware not supplied).

Conduit Mounting:

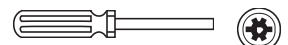
1. Remove refractor and reflector from fixture.
2. Remove close up plug(s) in housing for desired conduit entrance (see mounting note below)
3. Connect fixture leads to supply leads with wire nuts.
4. Install socket mounting plate, install lamp and replace refractor.

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.

TAMPERPROOF SCREWS

RAB Vandalproof fixtures are shipped with both standard screws and tamperproof screws.

For maximum security, insert tamperproof screws into the refractor and tighten with Center Pin Torx screwdriver (catalog #Vandriver, not supplied).



(over)

RAB

VAN GARAGE LIGHTER

(continued)

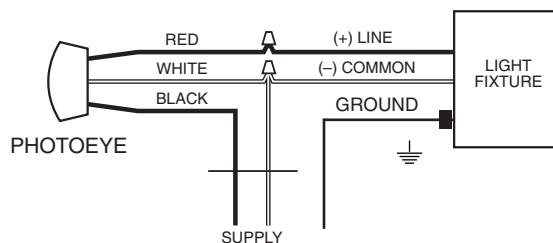
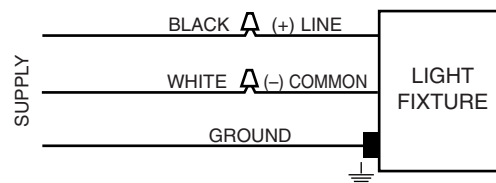
WIRING

Use supply wire rated for 90°C.

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. Units built for a specific voltage are factory-wired for the requested voltage.

1. If other than 120V, connect the appropriate ballast lead to the black supply lead. Cap the 120v lead.
2. Connect the common ballast lead to white supply lead.

3. Fixture ground wire must be connected to supply ground.
4. All unused leads must be capped and insulated.



PHOTOEYE INSTALLATION

A photoeye control may be installed in the field.

1. Remove reflector and refractor.
2. Remove close-up plug on desired side of fixture.
3. Install Photoeye and wire as per diagram.

RE-LAMPING

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 positions. Disconnect power. Make sure fixture and lamp are cool enough to touch.

1. Loosen screws holding refractor.
2. Remove refractor and replace lamp.
3. Close refractor and tighten screws.

REPLACEMENT LAMPS

Metal Halide

Wattage	Catalog #	ANSI Code
150	LMH150	M107
175	LMH175	M57
200	LMH200MEDPS	M136

Induction

Wattage	Catalog #
55	LQL55
85	LQL85

High Pressure Sodium

Wattage	Catalog #	ANSI Code
150	LHPS150	S55

Compact Fluorescent

Wattage	Catalog #
60	LCFL60

TROUBLESHOOTING CHECKLIST

Check that:

1. Proper lamp is installed. Lamp is not faulty.
2. Line voltage at the fixture is proper.
3. Fixture is wired properly.
4. Fixture is grounded properly.

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.

EASY INSTALLATION & PRODUCT HELP

Fax Back

Faxed Tips & Specs,
24 hours/day.
888 RAB-1236

www.rabweb.com

Visit our internet site for color product photos and installation tips.

Tech Help Line

Call our friendly experts.
8AM - 5PM ET Mon. - Fri.
888 RAB-1000

e-mail

Your questions and requests will be answered promptly.
tech@rabweb.com



THESE INSTRUCTIONS **DO NOT** COVER ALL DETAILS OR VARIATIONS IN EQUIPMENT, NOR DO THEY PROVIDE FOR EVERY POSSIBLE CONTINGENCY TO BE MET IN CONNECTION WITH INSTALLATION, OPERATION OR MAINTENANCE.