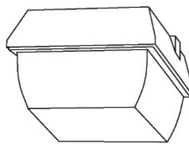
RAB

VAN3 VANDALPROOF FIXTURES

Listed For Wet Locations



High Pressure Sodium or Metal Halide

INSTALLATION INSTRUCTIONS

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.

HPS and Metal Halide Vandalproof fixtures are for outdoor use and 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 be located at least 12" away from any structural detail and from adjoining wall. Fixture should not be recessed.

MOUNTING

Box Mounting:

1. Remove refractor and socket mounting plate 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 lamp and replace refractor and socket mounting plate with notches of lens inserted into slots of fixture.

Conduit Mounting:

1. Remove refractor and socket mounting plate 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 lamp and replace refractor and socket mounting plate with notches of lens inserted into slots of fixture.

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). 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.*

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VAN3 INSTALLATION INSTRUCTIONS

(continued)

TAMPERPROOF SCREWS

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

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

WIRING

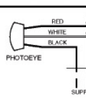
1. Connect the black fixture lead to the black supply lead.
2. Connect the white fixture lead to white supply lead.
3. Fixture ground screw must be connected to supply ground.



PHOTOEYE INSTALLATION

A photoeye control may be installed in the field.

1. Remove refractor and socket mounting plate.
2. Remove close-up plug on desired side of fixture.
3. Install Photoeye 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 install lamp.
3. Close refractor and re-install screws.

CLEANING

CAUTION: *Be sure fixture temperature is cool enough to touch. Be sure power is off.*

Clean refractor and lens with a cloth moistened with non abrasive glass cleaning solution.

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.

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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.

7/97

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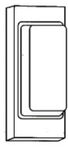
VAN6
Vandalproof Fixture



INSTALLATION INSTRUCTIONS

IMPORTANT

READ CAREFULLY BEFORE INSTALLING FIXTURE.
RAB's Vandalproof fixtures must be wired in accordance with the National Electrical Code and applicable local codes. Proper grounding is required to insure personal safety. Carefully observe grounding procedure. Vandalproof fixtures are for outdoor use and should not be used in areas with limited ventilation or high-ambient temperatures. All work should be done by a qualified electrician.

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

LOCATION

Fixture should be located on wall or ceiling at least 18" below any overhang or other structural detail. Fixture should not be recessed.

MOUNTING

1. Remove lens from fixture.
2. Attach universal crossbar to junction box with two screws provided.
3. Thread mounting nipple (provided) through center hole of fixture and into the crossbar. Tighten locknut.
4. Connect fixture leads to supply leads with wire nuts.
5. Install lamp and replace lens.

INSTALLATION of TAMPERPROOF SCREWS

RAB Vandalproof fixtures are shipped with standard screws installed and tamperproof screws shipped with the fixture packed separately.

For maximum security, insert tamperproof screws into both corners of the lens and tighten with Tamperproof screwdriver (catalog #vandriver).

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VAN6 INSTALLATION INSTRUCTIONS

(continued)

WIRING

1. Connect the black fixture lead to the black supply lead.
2. Connect the white fixture lead to white supply lead.
3. Fixture ground lead must be connected to supply ground.

Make sure connections are secure using wirenuts, crimp-on lugs or other approved connecting devices.



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.

Remove screws holding lens, remove lens and set aside.
Close lens and re-install screws

CLEANING

Caution: *Be sure fixture temperature is cool enough to touch.*

Clean Reflector and lens with non abrasive glass cleaning solution or detergent. Rinse with clean water.

FACTORY INSTALLED OPTIONS

add suffix to catalog number

/PC 120 volt Photocell mounted in backbox.
/W White lens

TROUBLE SHOOTING 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.

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3/98