



Model: VN12S Series

Pre-Installation

IMPORTANT: READ BEFORE REMOVING FIXTURE FROM CARTON. RETAIN FOR FUTURE REFERENCE

SAFETY: This fixture must be wired in accordance with the NATIONAL ELECTRICAL CODE and applicable local codes and ordinances. A person familiar with the construction and operation of the product and the hazards involved must install this product. A qualified licensed electrician should complete all work. Proper grounding is required for safety.

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

RISK OF INJURY: Fixture may become damaged and/or unstable if not installed properly.

TOOLS REQUIRED



Phillips screwdriver



Safety goggles



Silicone sealant



Wire strippers/cutter



Circuit tester



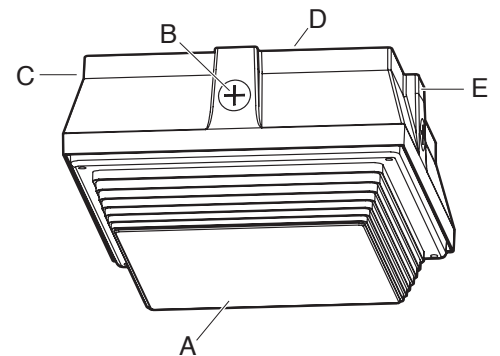
Work gloves



Ladder

PACKAGE CONTENTS

Part	Description	Quantity
A	Light fixture	1
B	Conduit entry plug	4
C	Mounting plate bolt (pre-installed)	2
D	Mounting plate with gasket (pre-installed)	1
E	Hands-free install hook	1

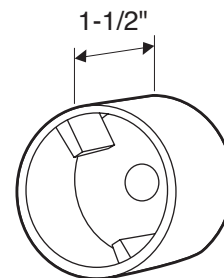
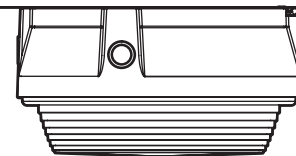


Preparing for Installation

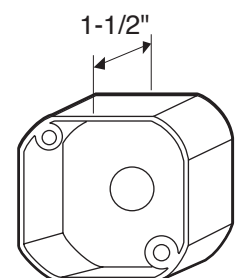
- The fixture can be mounted in the following two ways:
 - Junction Box Mount: Use a junction box to mount the fixture.
 - Surface Conduit Mount: The fixture can also be mounted directly on the ceiling or canopy surface using conduit entry.
- Install light 8–20 feet above the ground.



NOTE: The mounting base (D) mounts to recessed mounted standard junction boxes or to the surface directly. Junction box must be at least 1-1/2 in. in depth for proper installation for a recessed mount application.



Round

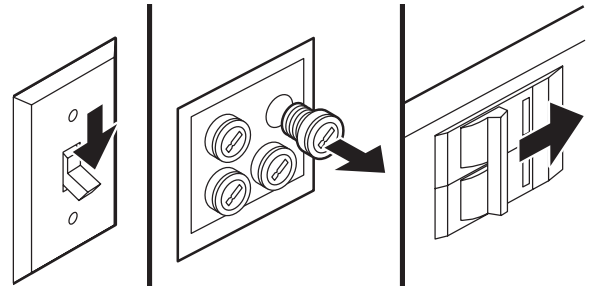


Octagonal/Square

Installation

1 Turn off the electricity

- Turn off power at the circuit breaker that supplies power to the outlet box you are working on.
- For screw-in type fuses unscrew the fuse that supplies power to the outlet box you are working on.

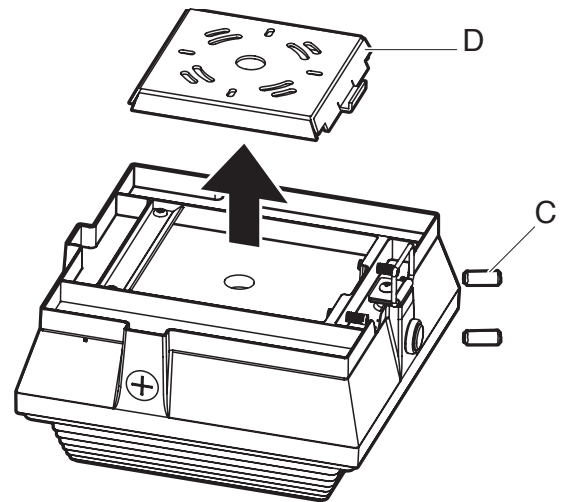


2 Removing the mounting plate



NOTE: The mounting plate (D) and mounting plate bolts (C) come pre-installed on light fixture.

- Check to make sure that the supply voltage to the fixture is compatible with the driver (120-277).
- Remove the mounting plate (D) from the back of the fixture by loosening the mounting plate bolts (C)



IMPORTANT: Only unscrew the bolts (C) far enough to remove the mounting plate (D). Do not fully remove the bolts (C).

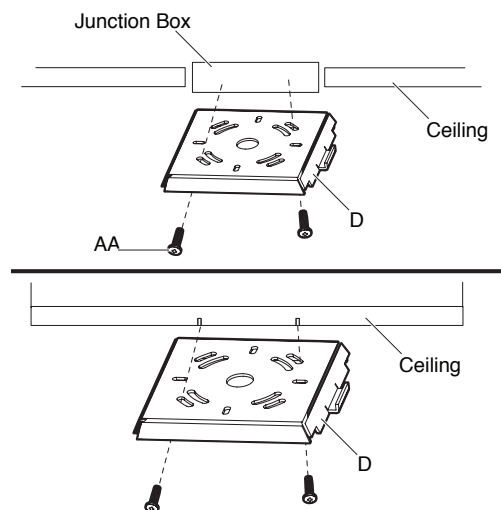
3 Installing the mounting plate

Junction Box Mount

- Route the junction box wires through the large center hole in the mounting plate (D).
- Align the holes on the mounting plate (D) with the holes on your junction box. Use two #8 screws (AA), depending on the size of the holes in your junction box, to attach the mounting plate (D) to your junction box.

Surface Conduit Mount

- Mark and drill two or more holes on the ceiling surface as per the desired location for attaching the mounting plate (D).
- Use two or more suitable screws (not included) applicable to the mounting surface and secure the mounting plate (D) on the surface.



Installation (continued)

4 Making the electrical connections

Junction Box Mount

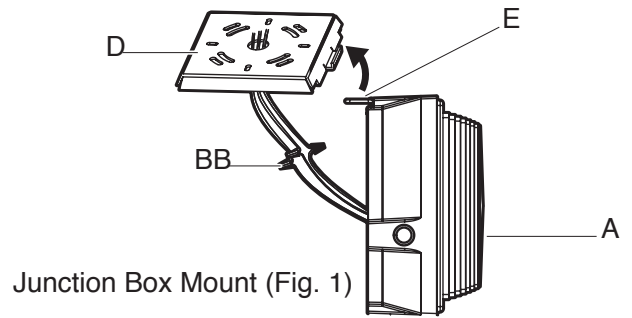
- For hands-free operation, use the hook (E) attached to the fixture to hang it on the hinge of the mounting plate (D). (Fig. 1)
- Follow the wiring instructions given below to make the electrical connections.

Surface Conduit Mount

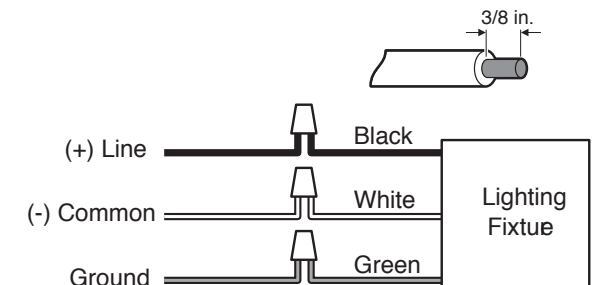
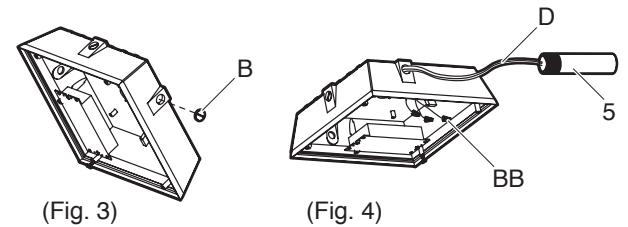
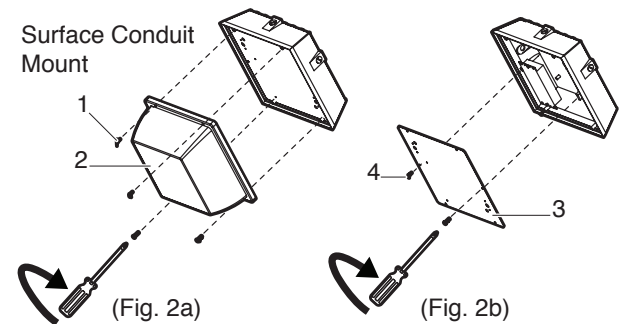
- Open the fixture by loosening the four screws (1) on the corners of the fixture and removing the refractor (2). (Fig. 2a)
- Remove the heatsink (3) from the mounting base by removing the two screws (4) on top of the heatsink. (Fig. 2b)
- Remove one conduit plug (B) from the side of the fixture from where the conduit will enter. (Fig. 3)
- Place the back plate (D) of the fixture on the mounting plate and attach the conduit (5) to the fixture (Fig. 4).
- Bring fixture's wires into the housing body to make wiring connections.
- Make wiring connections inside the fixture as per the instructions given below.

ON/OFF Wiring:

- Connect the fixture black wire to the supply hot wire ((+) line), and fixture white wire to the supply neutral wire ((-) common) by twisting the exposed wires together and using wire nuts (BB). Ensure there are no loose wires.
- Connect the ground wire to the green fixture ground wire by twisting the exposed wires together and using a wire nut (BB).



Junction Box Mount (Fig. 1)



Installation (continued)

5 Mounting the light fixture

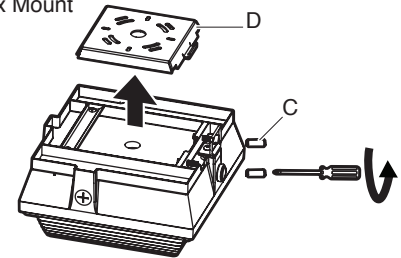
Junction Box Mount

- Place the light fixture (A) onto the mounting plate (D) so the top-sloped groove on the plate rests on the top-sloped groove on the back of the fixture.
- Tighten the mounting plate bolts (C) back through the hole on the bottom of the fixture (A) until the bolts firmly push against the mounting plate (D). (Fig. 1).

Surface Conduit Mount

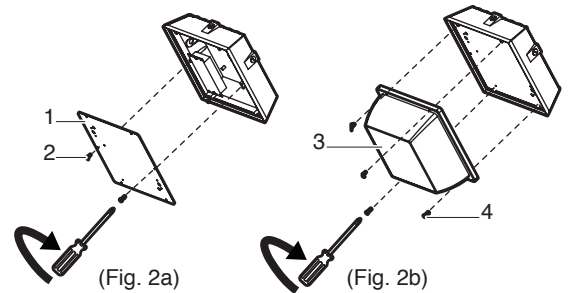
- Replace the heatsink (1) on the fixture by using the two small screws (2) removed earlier. (Fig. 2a)
- Close the fixture by replacing the refractor (3) and tightening the four screws (4) on the corners of the fixture. (Fig. 2b)

Junction Box Mount



(Fig. 1)

Surface Conduit Mount

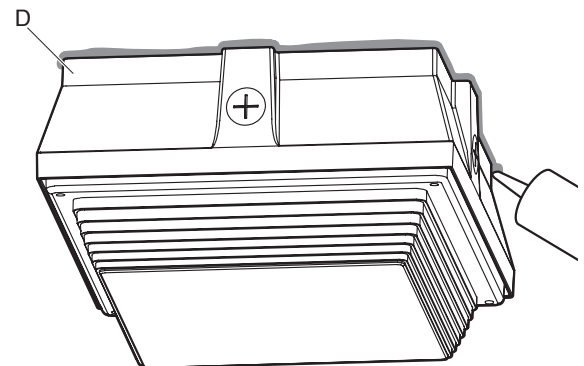


(Fig. 2a)

(Fig. 2b)

6 Caulking around the light fixture

- Caulk around the mounting plate (D) and surface with silicone sealant (not included).



NOTICE: Failure to properly caulk around the surface and mounting plate (D) could lead to water damage and is not covered under warranty.



NOTE: When attaching this fixture (A) to an external surface mount junction box, caulk the inside of the light fixture before attaching to the mounting plate (D).

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