

PROBRITE™

**VAPORPRO
LED VAPOR TIGHT**

**INSTALLATION,
USAGE, & CARE GUIDE**

Model No.	VPR14-4K-CM-GR
Mfr. SKU	103-04000026-1



Questions? / Missing Parts? / Need Accessories?

Before returning to the store, call or email PROBRITE
Customer Service 9am-5pm EST Monday to Friday.

1-844-507-5651

support@PROBRITE.com

PROBRITE.COM

Visit us online anytime or call us to get information on our product range, download detailed spec & photometric files, find product and mounting accessories, view installation tutorials and videos, and learn about our DLC® rebate eligible products.

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Safety Information

IMPORTANT

THIS PRODUCT MUST BE INSTALLED IN ACCORDANCE WITH THE APPLICABLE NATIONAL ELECTRICAL CODE AND LOCAL BUILDING CODES BY A PERSON FAMILIAR WITH THE CONSTRUCTION AND OPERATION OF THE PRODUCT AND THE HAZARDS INVOLVED.

PRECAUTIONS

- ❑ Please read and understand this entire manual before attempting to assemble, install, or operate this light fixture.
- ❑ This light fixture requires a 120-277Volt AC power source.
- ❑ Some codes require installation by a qualified electrician.
- ❑ This light fixture must be properly grounded.
- ❑ Make sure connections are secure using wire nuts, crimp-on lugs or other approved connecting devices
- ❑ This light fixture should be installed outdoors to the ceiling.
- ❑ This product may contain chemicals known to be hazardous. Thoroughly wash hands after installing, handling, cleaning or otherwise touching the product.



WARNING: Turn the power off at the circuit breaker or fuse. Place tape over the circuit breaker switch and verify power is off at the light fixture.



WARNING: Risk of fire. Keep the lamp heads at least 3 in. (76mm) from combustible materials.



CAUTION: Burn hazard. Allow the light fixture to cool before touching.



NOTICE: Do not connect this fixture to a dimmer switch.



NOTICE: FCC Regulations state that any unauthorized changes or modifications to this equipment not expressly approved by the manufacturer could void the user's authorization to operate this equipment.



INFORMATION: The device is tested and found to comply with Part 15 of the FCC Rules. Operation is subject to two conditions: (1) This device may not cause harmful interference and, (2) this device must accept any interference received, including any interference that may cause undesired operation.

These limits are designed to provide reasonable protections against harmful interference when the equipment is operated in a commercial environment.

Pre-Installation

PLANNING INSTALLATION

Before installing the light fixture, ensure that all parts are present. Compare parts with the *Hardware Included* and **Package Contents** sections. If any part is missing or damaged, do not attempt to assemble, install, or operate this light fixture.

Estimated installation time: 20 minutes

SPECIFICATIONS

Lumens (Light Output)	1900 Lumens
Watts (Power Consumption)	14 Watts LED
Replaces	150 Watt Incandescent
Lumens/Watts (Efficacy)	136
Power Requirements (Input Voltage)	120-277VAC
Light Color (CCT)	4000 Kelvins (Bright White)
Dimmable	Dimming (Use with 0-10V dimming switch)
Operating Modes	Switch-Controlled: Flip switch to turn light fixture ON and OFF. Use included light sensor cap on fixture's light sensor to utilize this mode setting.

TOOLS REQUIRED



Phillips
Screwdriver



Wire strippers/
cutters



Circuit tester



Silicone
Sealant



Work
gloves



Ladder



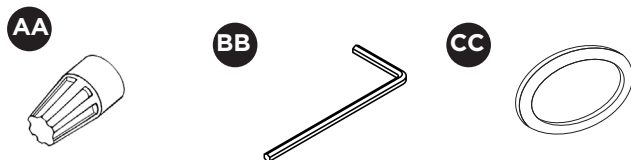
Safety
goggles

Pre-Installation (continued)

HARDWARE KIT

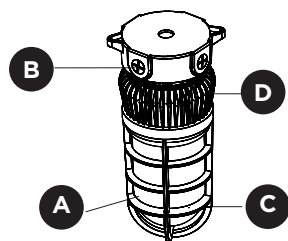


NOTE: Hardware *not* shown to actual size.



Part	Description	Quantity
AA	Wire nut	3
BB	Allen key	1
CC	Junction box gasket	1

PACKAGE CONTENTS



Part	Description	Quantity
A	Light protection globe	1
B	Cast junction box	1
C	Globe wire guard	1
D	Heat sink	1

Installation

1 For best results

- The fixture can be mounted in the following three ways:

A. Direct Surface / Junction Box Mount:

This fixture includes an external junction box. Fixture can also be mounted on top of recessed junction box (may require tapping hole in fixture base)

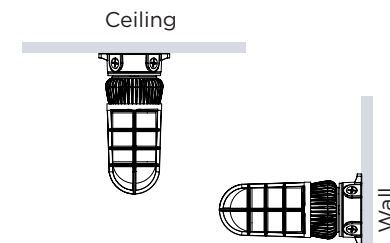
B. Pendant Mount:

The fixture can also be mounted as a pendant, via a 1/2" threaded conduit entry on the top of the fixture.

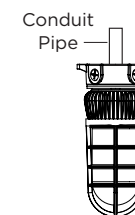
C. Surface Conduit Mount:

The fixture can also be mounted directly on the wall surface using conduit entry.

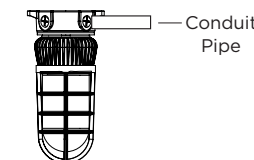
- When installing two fixtures on one switch, make sure the switch is rated for at least a 1A inductive load.
- Do NOT wire to dimming switch.



Direct to Surface / Junction Box



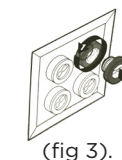
Pendant Mount



Side Conduit Entry

2 Shut electric power off

- At wall switch verify it is in the off position (fig 1).
- At the main electrical panel turn off the circuit breaker that supplies power to the outlet box you are working on (fig 2).
- For screw-in type fuses unscrew the fuse that supplies power to the outlet box you are working on (fig 3).

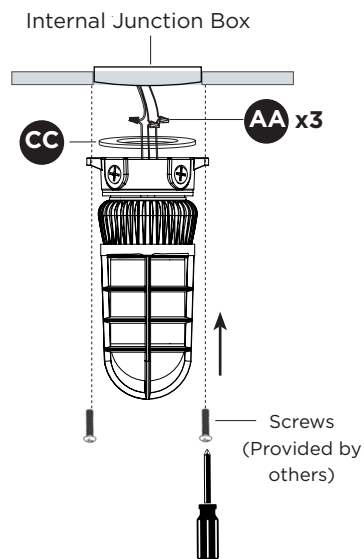


Installation (continued)

Follow Instructions Below for Direct Surface Mounting

3A Mounting Direct Surface/ Junction Box

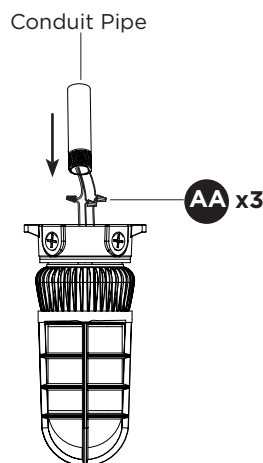
- ☐ Mark mounting holes on the surface of the wall or ceiling (outside of the internal junction box, if applicable)
- ☐ Pre-drill holes into the mounting surface
- ☐ Make electrical connections per the wiring instructions below
- ☐ Use suitable screws/bolts for the mounting surface (screws provided by others)
- ☐ Place gasket (CC) between the fixture and mounting surface
- ☐ Secure the fixture by tightly screwing it into the surface firmly
- ☐ See step 7 for chalking instructions



Follow Instructions Below for Pendant Mounting

3B Pendent Mounting

- ☐ Make electrical connections (see diagram on page 7)
- ☐ Insert the wires into the fixture's junction box
- ☐ Insert a threaded 1/2" conduit pipe into the 1/2" conduit entry at the top of the fixture's junction box
- ☐ Place silicone sealant around the conduit and entry for a water-tight seal



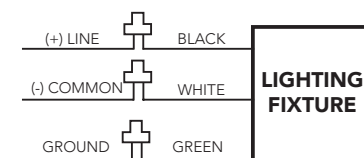
Installation (continued)

4A/B Electrical wiring

Wiring instructions

- ☐ If necessary, strip 3/8" of insulation from junction box or fixture (A) wires (fig 1).
- ☐ Connect *fixture black wire to house black wire*, the (+) line, and *fixture white wire to house white wire*, the (-) common by twisting the exposed wires together and using the wire nuts (AA). Ensure no loose wires.
- ☐ Connect *house ground wire to the green fixture ground wire*, by twisting the exposed wires together and using the wire nuts (AA).

(fig 1). 



TIP: Hold stripped ends near each other and align any frayed strands (do not twist wires).

Push the wires into wire nut (BB) and use your fingers to twist the wire nut clockwise until tight. Check for tightness by pulling wires.

TURN PAGE
For Side Entry Conduit Mounting

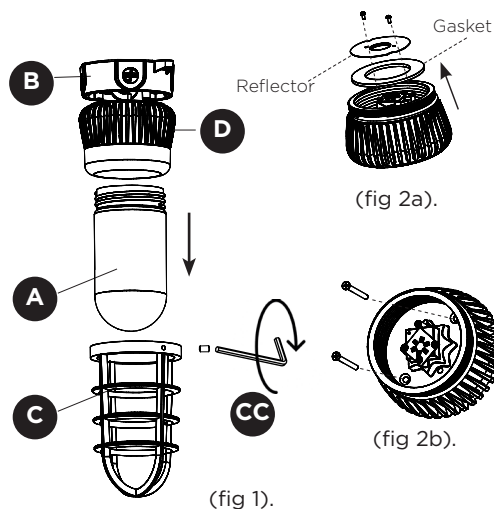


Installation (continued)

Follow Instructions Below for Side-Entry Conduit Mounting

3C Remove the glass globe and heat sink

- ❑ Remove the wire guard (C) from the heat sink (D) by loosening the locking screw using the allen key (CC). (Fig. 1)
- ❑ Remove the globe (A) from the heat sink (D) by unthreading it. (Fig. 1)
- ❑ Remove the reflector from the heat sink (D) by loosening two small screws on top and then also remove the black gasket. (Fig 2a)
- ❑ Remove the heat sink (D) from the junction box (B) by removing the two philips head screws as shown in Fig. 2b.



CAUTION: DO NOT touch the LED and DO NOT damage or soil the reflector inside the heat sink.

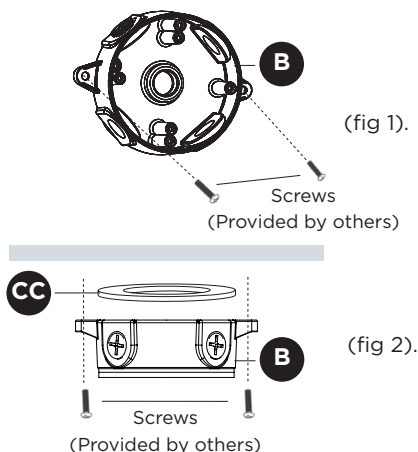


NOTE: To remove the junction box (A), first remove the black rubber gasket inside the heat sink and then unscrew the two screws underneath

4 Installing the cast junction box

Side Conduit Mount

- ❑ Mark and drill two holes on the ceiling surface as per the desired location for fixing the cast junction box (B).
- ❑ Place the junction box gasket (CC) between the cast junction box (B) and the ceiling surface. (Fig. 2)
- ❑ Use two suitable screws (provided by others) applicable to the mounting surface and fix the cast junction box (B) on the surface. (Fig. 2)

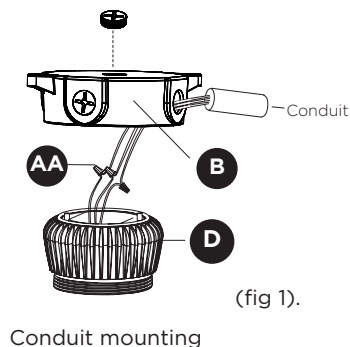


Installation (continued)

5 Making the electrical connections

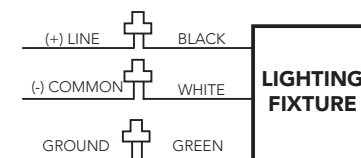
Side Conduit Mount

- ❑ Remove one conduit plug from the side of the cast junction box (B) from the where conduit will enter (Fig. 1).
- ❑ Pull the wires from the conduit entry and attach the conduit to the hole of the junction box (B).
- ❑ Make wiring connections inside the cast junction box (B) as per the instructions given below.
- ❑ Take conduit plug removed from the side and place on the top hole of the junction box (B) to close holes.
- ❑ Place silicone sealant around conduit and entry to make for a water-tight seal.



Wiring instructions

- ❑ If necessary, strip 3/8" of insulation from junction box or fixture (A) wires (fig 1).
- ❑ Connect *fixture black wire* to house black wire, the (+) line, and *fixture white wire* to house white wire, the (-) common by twisting the exposed wires together and using the wire nuts (AA). Ensure no loose wires.
- ❑ Connect *house ground wire* to the *green fixture ground wire*, by twisting the exposed wires together and using the wire nuts (AA).



TIP: Hold stripped ends near each other and align any frayed strands (do not twist wires).

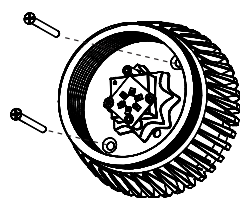
Push the wires into wire nut (BB) and use your fingers to twist the wire nut clockwise until tight. Check for tightness by pulling wires.

Installation (continued)

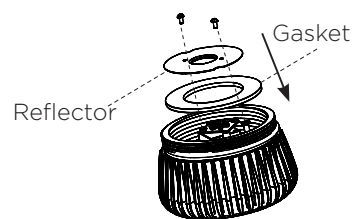
6 Reassembling the fixture

Side Conduit Mount

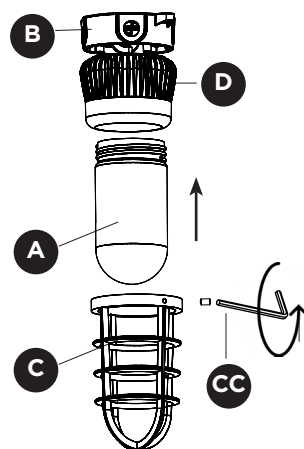
- Fix the heat sink (D) to the cast junction box (B) using by tightening the two philips head screws removed earlier, using the philips screwdriver (Fig. 1a).
- Replace the black gasket and then fix the reflector back on the heat sink (D) using two small screws removed earlier. (Fig. 1b).
- Replace the protection glob (A) on the hear sink (D) by threading it back. (Fig. 2)
- Thread the wire guard (C) over the glass globe (A) and tighten the wire guard with the locking screw using the allen key (CC). (Fig. 2)



(fig 1a).



(fig 1b).

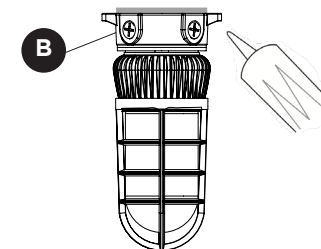


(fig 2).

Installation (continued)

7 Caulking around the light fixture

- Caulk around the cast junction box (B) and surface with silicone sealant (not included).
- If applicable, caulk around any conduit pipes and conduit entry holes to make a water-tight seal.



NOTICE: Failure to properly caulk around the surface and cast junction box (B) could lead to water damage and is not covered under warranty.

Care and Cleaning

- Shut off main power supply before cleaning the product. To prolong the original appearance, clean the light fixture with clear water and a soft, damp cloth only.
- Do not use abrasive cleaners or cleaners that contain alcohol. Do not apply paints, solvents, or any other chemicals on this light fixture. They could cause a premature deterioration of the finish and may void the warranty.
- Do not spray the light fixture with a hose or power washer.

Troubleshooting

If Light does not come on:

- Verify that the power is turned ON from the circuit breaker and wall switch.
- Verify the wiring for the fixture is done properly.
- Verify the line voltage is correct.

If Light flickers:

- Do not wire to a dimming switch, use a standard ON/OFF switch

5-Year Limited Warranty

This is a limited warranty offered by Probrite for a period of five years from the date of purchase to its customers. Probrite warrants to customers that the products will be free from defects in material and workmanship. The obligation of Probrite under this warranty is limited to the provision of replacement of products and is extended to the original purchaser of the product on presenting valid purchase receipt or other proof of date of original purchase acceptable to Probrite. The receipt is required for rendering the warranty performance. Any warranty claims without original proof of purchase would not be accepted.

It should be noted that the warranty does not apply to Probrite products that have been altered or repaired by unauthorized personnel, have been subjected to neglect, abuse, misuse or accident or damages caused during shipping. Any other products not manufactured by Probrite which have been supplied, installed and/or used in conjunction with Probrite products are not covered under this warranty. Any damages caused by replacements bulbs, LEDs or corrosion or discoloration of brass components are also not covered by this warranty.

Limitation of Liability:

In no event Probrite shall be liable for indirect, consequential, incidental or special damages, or lost profits. Probrite is not liable for any claims or damage arising out of or connected with the manufacture, sale, delivery, use, maintenance and repair or modification of Probrite products, or supply of any replacement parts that, exceed the purchase price of Probrite products giving rise to a claim. Labor charges to remove or install the fixtures will not be accepted.

To Claim:

Please contact PROBRITE customer service at 1-844-507-5651 or email support@PROBRITE.com and include your name, address and contact number, along with a copy of the purchase receipt and a brief description of the problem.

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