

PROBRITE™

**FUSION LED
WALLPACK/
FLOOD LIGHT KIT**

**INSTALLATION,
USAGE, & CARE GUIDE**

Model No.	FSN15-4K-BZ
	FSN28-4K-BZ
Mfr. SKU	104-08200001-1
	104-08300001-1



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 a wall or to the ground.
- ☐ This product may contain chemicals known to be hazardous. Thoroughly wash hands after installing, handling, cleaning or otherwise touching the product.

Save these instructions



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 Light Fixture 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: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment OFF and ON, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

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

MODEL	FUSION 15W	FUSION 28W
Lumens (Light Output)	1500 Lumens	3000 Lumens
Watts (Power Consumption)	15 Watts LED	28 Watts LED
Replaces	70 Watt Metal Halide	100 Watt Metal Halide
Lumens/Watts (Efficacy)	100 lumens per watt	107 lumens per watt
Power Requirements (Input Voltage)	120-277VAC	
Light Color (CCT)	4000 Kelvins (Bright White)	
Dimmable	Non-Dimming (Do not wire to dimming switch)	
Operating Modes	Switch-Controlled: Flip switch to turn light fixture ON and OFF. <i>Use external photocell light sensor, timer or motion sensor for automatic functionality (sold separately)</i>	

TOOLS REQUIRED



Phillips
Screwdriver



Silicone
Sealant



Safety
goggles



Wire strippers/
cutters



Work
gloves



Circuit tester



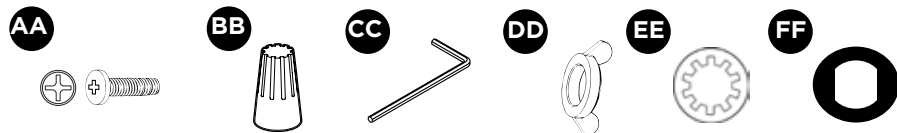
Ladder

Pre-Installation (continued)

HARDWARE KIT

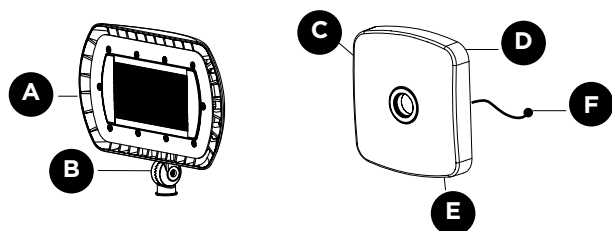


NOTE: Hardware *not* shown to actual size.



Part	Description	Quantity
AA	#8-32 x 3/4" Philips mounting bracket screw	2
BB	Wire nut	3
CC	Allen key	1
DD	Butterfly nut for wall mount plate	1
EE	Lock Washer	1
FF	Sealing Gasket	1

PACKAGE CONTENTS



Part	Description	Quantity	
A	Light fixture	1	
B	1/2" NPS threaded knuckle mount stem	1	
C	Wall/Eave mounting base plate	1	
D	Universal junction box mounting plate	1	
E	Mounting plate hex bolt	1 (15W)	2 (28W)
F	Hands-Free Hooking Wire	1	

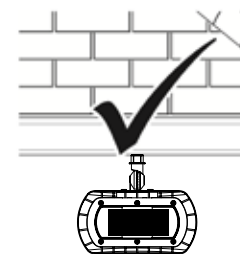


NOTE: The round domed junction box cover plate is not provided in the box. It is available separately with your retailer.

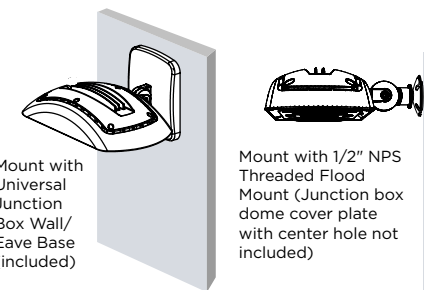
Installation

1 For best results

- Install light 6-15 feet above the ground for wall applications or on ground for flood application.
- The fixture can be mounted in multiple ways:
 - A. Wall/Eave Mount:** Using the wall mounting base (C) and the mounting plate (D) over a junction box.
 - B. Swivel Knuckle Flood Mount:** Can be used with a domed cover plate (not provided) on a junction box.
- When installing two fixtures on one switch, make sure the switch is rated for at least a 1A inductive load.
- Do NOT wire to a dimming switch.



Eave Mount (A or B Mount)

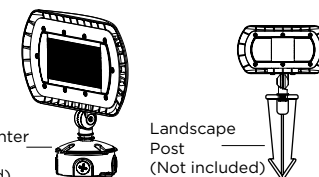


Wall Mount (A or B Mount)



IMPORTANT INFORMATION: Domed cover plates for junction boxes, landscape posts, and other mounting arms and accessories are available. Please contact your retailer or PROBRITE's customer support.

Junction box domed cover plate with center hole (Not included)



Landscape Post (Not included)

Swivel Knuckle Flood Mount (B Mount)

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).



(fig 1).



(fig 2).



(fig 3).

Installation (continued)

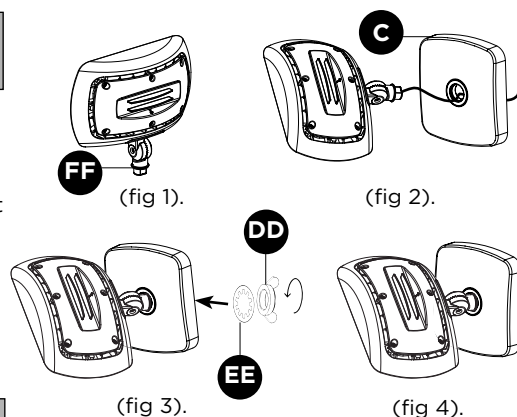
3A Installing Wall/Eave Mount Base (Optional if desired)

Wall/Eave Mount Base Set Up on Standard Junction Boxes

NOTE: The fixture comes with the knuckle handle (Fig. 1) and the wall mount base plate (C) is included in the box.

- Place the sealing gasket (FF) on the knuckle threaded stem and thread wires through the hole of the wall mount base plate (C), being careful not to pinch the wires.
- Place the fixture head in the required orientation with the plate. Place the lock washer (EE) on the knuckle threaded stem and tighten the butterfly nut (DD) on (fig. 3).

TIP: It is important to adjust the desired left or right orientation of the fixture head (A) with the wall plate (C) at this step.

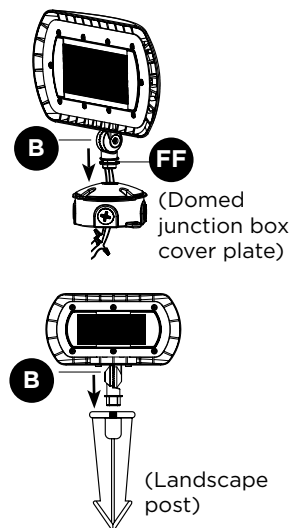


3B Installing with Swivel Knuckle Mount For mounting to domed junction box cover plate (sold separately) or landscape post (sold separately)

For Ground and Wall/Eave Mounting

NOTE: The fixture comes with the 1/2" threaded NPS swivel knuckle mount (B) and is compatible with standard domed junction box cover plates with a center hole or landscape posts

- Place the sealing gasket (FF) on the knuckle handle.
- Thread wires through the hole in the domed junction box cover plate or landscape post.
- Screw 1/2" NPS threaded knuckle mount (B) into the center hole of the domed plate or landscape post and, if hole isn't threaded, use Lock Washer (EE) and Butterfly nut (DD) to tighten fixture into place.
- Use provided allen key (CC) to loosen bolt in center of knuckle mount and select desired angle. Tighten bolt to secure into place.



Installation (continued)

4A Removing the Mounting Plate from Wall Base and Fixing it on the Wall/Eave

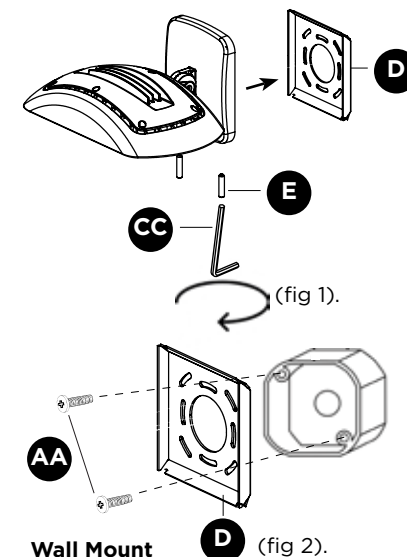
(Only Applicable for Wall/Eave Mount if using the base plate)

Wall / Eave Mount using the base plate

- Remove the mounting plate (D) from the back of the fixture by loosening the screws using the allen key (CC) (Fig. 1)
- Align the holes of the mounting plate with the "TOP" marking oriented upwards (or closest to wall if eave mounted) with the junction box on the wall and fix the mounting plate (D) on the junction box by using the two #8 screws (AA). (Fig. 2)

TIP: Only unscrew the tightening bolts (E) far enough to remove the mounting plate (D). Do not fully remove the tightening bolt (E).

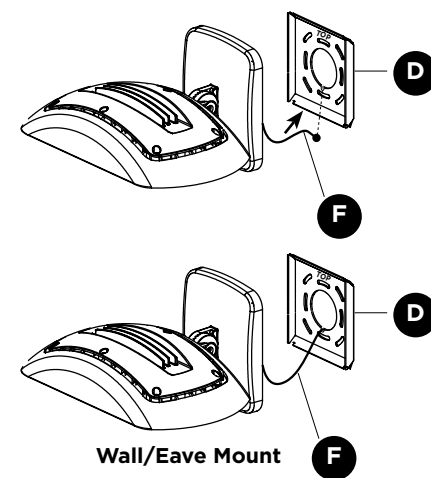
NOTE: Use other suitable bolts or fasteners as applicable to your mounting surface.



5A Hooking Hands-Free Install Wire (For install with Wall/Eave Mount Base Plate Only)

- Take the round "ball" head of the hands-free wire (F), attached to back of base plate, and place it behind the bottom-center "notch" of the mounting plate (D)
- Ensure the fixture can now hang-free to allow for hands-free connection of the electrical wires

NOTE: After electrical connections are made un-hook the hands-free wire (F) and then mount the fixture onto the mounting plate (D).



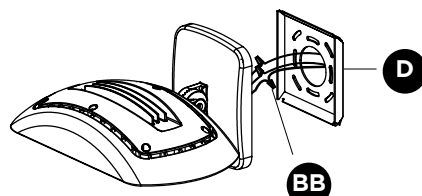
Installation (continued)

5A/B Making the electrical connections

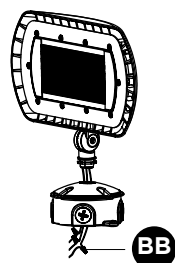
- If necessary, strip 3/8" of insulation from junction box or fixture (A) wires (fig 1).

Wiring Instructions

- 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 (BB). 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 (BB).



Wall Mount

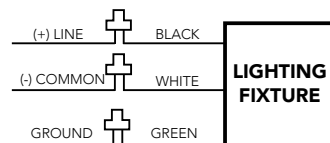


Swivel Knuckle Flood Mount



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.



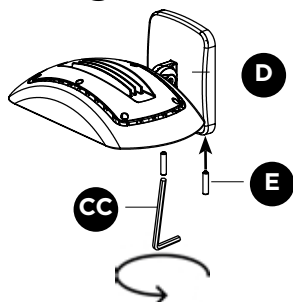
6A Securing the fixture and wiring



NOTE: Make sure the Light Fixture head is in desired Left/Right direction before securing the wall mount plate to the Junction box plate

Wall/Eave Mount

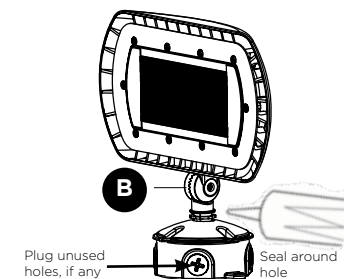
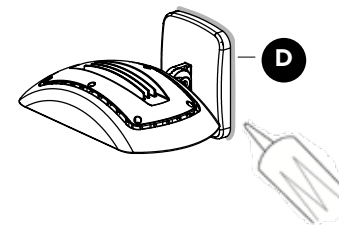
- Once the fixture is wired, place the fixture on the mounting plate and use the one (15W model) or two (28W model) screws (E) to tighten the fixture on the plate (D) by using the allen key (CC).



Installation (continued)

7A Caulking around the light fixture

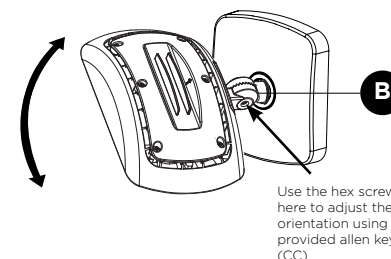
- Caulk around the mounting plate (D) and surface with silicone sealant (not included).
- If applicable, plug all unused holes and seal threads with silicone.



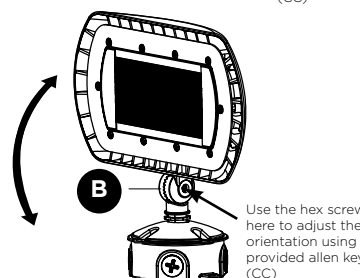
Swivel Knuckle Flood Mount

8A/B Adjusting the light head and testing

- To adjust the Up/Down direction of the Light fixture head, loosen the hex head screw on swivel portion of the knuckle (B) using the allen key provided, adjust the fixture to a suitable orientation with the knuckle, and then tighten the screw again.
- Restore power to the breaker and light switch and test if light turns on.



Use the hex screw here to adjust the orientation using provided allen key (CC)



Use the hex screw here to adjust the orientation using provided allen key (CC)



TIP: Only loosen the hex head knuckle screw enough to rotate the fixture head. Do not fully remove the knuckle screw.

Operation

SWITCH-CONTROLLED

Switch-controlled operation enables the light fixture to turn ON and OFF by flipping a standard light switch. To add automatic Dusk to Dawn control or motion sensing external sensors like a photo-control, motion-sensor or timer is required (*sold separately*).

- ☐ Once the fixture is installed, turn power back on from the circuit breaker and switch.
- ☐ Flip switch ON and OFF to ensure light functions properly.

SWITCH



CONTROLLED



NOTE: This fixture is not dimmable, so it is best to not wire to a dimming switch.

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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