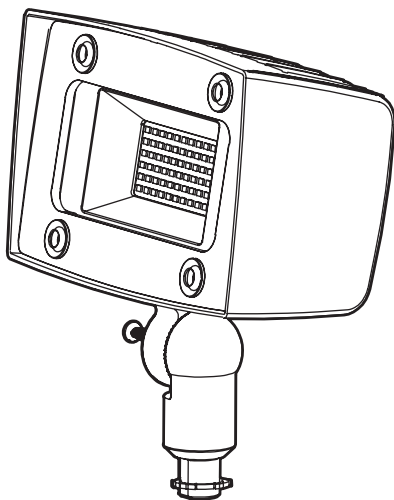


# USE AND CARE GUIDE

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## POWERFLOOD HIGH OUTPUT LED ARCHITECTURAL FLOOD LIGHT



Questions, problems, missing parts? Before returning to the store,  
call Commercial Electric Customer Service  
9 a.m. - 5 p.m., EST, Monday - Friday

1-844-548-3776

[HOMEDEPOT.COM](http://HOMEDEPOT.COM)

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### THANK YOU

*We appreciate the trust and confidence you have placed in Commercial Electric through the purchase of this LED flood light. We strive to continually create quality products designed to enhance your home. Visit us online to see our full line of products available for your home improvement needs. Thank you for choosing Commercial Electric!*

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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 120–277 Volt 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 UL 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.



**WARNING:** Before installation or servicing, 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 fixtures at least 3 in. (76mm) from combustible materials.



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

**NOTICE:** For dimming, connect to 0–10V dimming 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.



**IMPORTANT:** 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.

This equipment has been tested and found to comply with the limits for a Class A digital device, pursuant to part 15 of the FCC rules. These limits are designed to provide reasonable protection against harmful interference when the equipment is operated in a commercial environment. The equipment generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with the instruction manual, may cause harmful interference to radio communications. Operation of the equipment in a residential area is likely to cause harmful interference in which case the user will be required to correct the interference at his own expense.

## Warranty

This is a limited warranty offered by the manufacturer for a period of five years from the date of purchase to its customers. The manufacturer warrants to customers that the products will be free from defects in material and workmanship. The obligation of the manufacturer 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 the manufacturer. 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 the manufacturer 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 the manufacturer which have been supplied, installed and/or used in conjunction with the manufacturer 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.

# Warranty (continued)

## LIMITATION OF LIABILITY

In no event shall the manufacturer be liable for indirect, consequential, incidental or special damages, or lost profits. The manufacturer 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 the manufacturer products, or supply of any replacement parts that exceed the purchase price of the manufacturer products giving rise to a claim. Labor charges to remove or install the fixtures will not be accepted.

## TO CLAIM

Please contact The Home Depot customer service at 1-844-548-3776 or email [support@homedepot.com](mailto:support@homedepot.com) and include your name, address and contact number, along with a copy of the purchase receipt and a brief description of the problem.

# 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)	5000 Lumens
Watts (Power Consumption)	50 Watts LED
Replaces	150 Watt Metal Halide
Lumens/Watts (Efficacy)	100 Lumens per watt
Power Requirements (Input Voltage)	120–277VAC
Light Color (CCT)	4000 Kelvins (Bright White)
Dimmable	Dimming (0–10V dimming switch)
Operating Modes	<b>Dusk-to-Dawn:</b> Automatically turns light fixture ON during night and OFF during day. <b>Switch-Controlled:</b> Flip switch to turn light fixture ON and OFF. <i>Use included light sensor cover on fixture's light sensor to utilize this mode setting.</i>


## TOOLS REQUIRED




Phillips screwdriver




Wire strippers/  
cutters




Circuit tester




Silicone sealant



Work gloves



Ladder



Safety goggles

# Pre-Installation (continued)

## HARDWARE INCLUDED



NOTE: Hardware not shown to actual size.



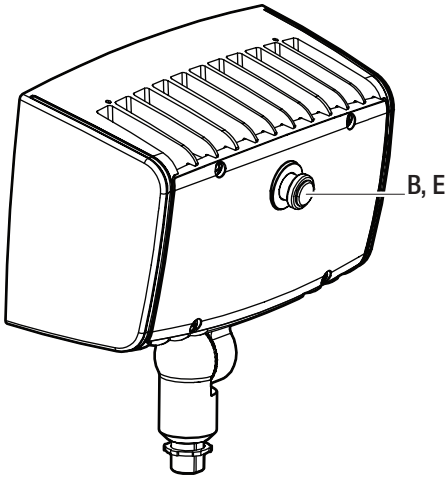
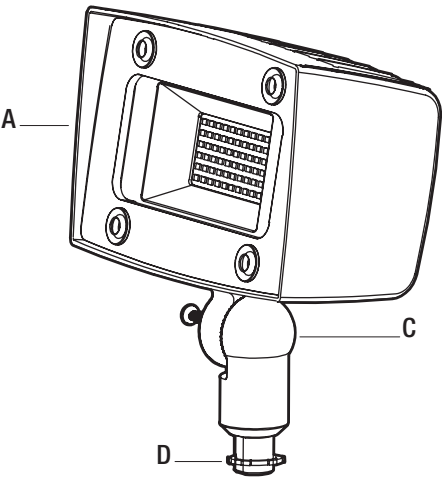
AA



BB

Part	Description	Quantity
AA	Photocell (light sensor) screw-on clear cap	1
BB	Wire nut	3

## PACKAGE CONTENTS



Part	Description	Quantity
A	Light fixture	1
B	Photocell lens	1
C	1/2 in. Swivel NPS threaded knuckle mount	1
D	Knuckle mount lock nut	1
E	Photocell (light sensor) screw-on black cap	1



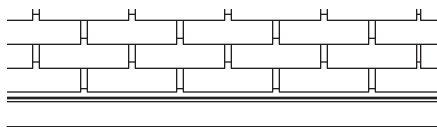
NOTE: The junction box cover plate is not provided in the box. It is available separately with your retailer.

## Preparing for Installation

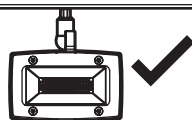
- The fixture must be mounted using the Swivel Knuckle into a domed cover plate (not provided) on a junction box or via a landscape post (sold separately).
- When installing two fixtures on one switch, make sure the switch is rated for at least a 1A inductive load.
- If using a dimming switch, use a 0-10V dimmer.



**IMPORTANT:** Domed cover plates for junction boxes, landscape posts, and other mounting arms and accessories are available. Please contact The Home Depot customer support.



Wall Mount

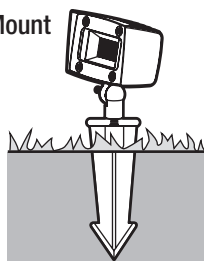


Eave Mount

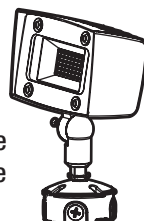


Landscape Post

Ground Mount



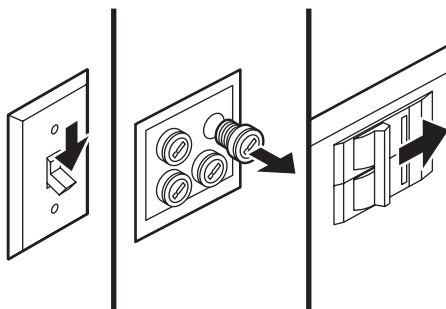
Dome Cover Plate with Center Hole



## Installation

### 1 Turning off the electricity

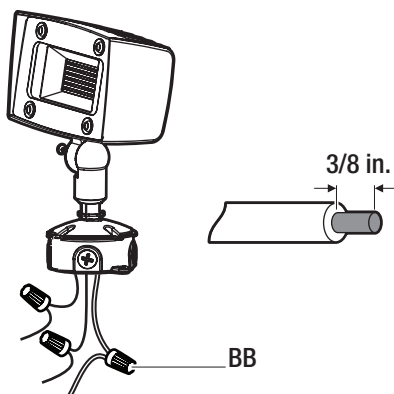
- Verify the wall switch is in the OFF position.
- Turn power OFF at the circuit breaker that supplies power to the outlet box you are working on.
- For screw-in type fuses unscrew the fuse that supplies power to the outlet box you are working on.



## Installation (continued)

### 2 Making the electrical connections

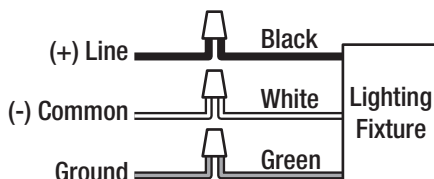
- If necessary, strip 3/8 in. of insulation from the junction box or fixture (A) wires.
- Thread the wire through the domed cover plate of the junction box (not provided) or landscape post (not provided).
- Make wiring connections into the junction box or post by following the wiring instructions below.



#### ON/OFF Wiring (Non Dimming) Method:

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

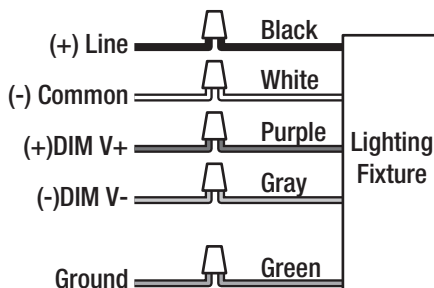
#### Non-Dimming Wiring Diagram



#### 0-10V Dimmable Wiring Method:

- Connect the fixture black wire to the house black wire ((+) line), and fixture white wire to the house white wire ((-) common) by twisting the exposed wires together and using the wire nuts (BB). Ensure there are no loose wires.
- Connect the house ground wire to the green fixture ground wire by twisting the exposed wires together and using the wire nuts (BB).
- Connect the purple wire to the (V+) DIM wire and the gray wire with (V-) DIM wire by twisting the exposed wire together.

#### 0-10V Dimming Wiring Diagram



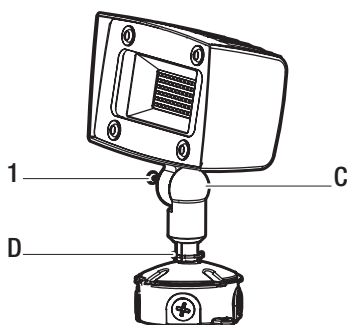
**NOTE:** Hold stripped ends near each other and align any frayed strands (do not twist wires).

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)

### 3 Securing the fixture and adjusting orientation

- Secure the fixture to the junction box or landscape post by inserting the threaded swivel knuckle mount (C) into the cover plate or landscape post.
- Place the knuckle mount lock nut (D) on the inside of the domed cover plate and tighten the fixture to the plate.
- If applicable, plug all unused holes and seal threads with silicone.
- Loosen the screw (1) on the swivel portion of the knuckle (C) using a Phillips screwdriver. Adjust the fixture to a suitable orientation, and then tighten the screw (1).



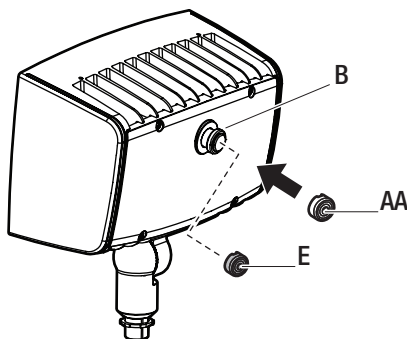
## Operation

### SELECTING DUSK-TO-DAWN OR SWITCH-CONTROLLED MODE

#### Option 1: Dusk-to-Dawn Operation

Dusk-to-dawn operation enables the light fixture to automatically turn ON when dark outside and turn OFF when the sun rises, thus saving you energy.

- To enable dusk-to-dawn operation remove the black cap cover (E) and ensure the photocell (B) has the clear cap cover (AA) on it and is unobstructed.
- Ensure the switch powering the outlet connected to the light fixture is turned to the ON position and leave it ON at all times to enable dusk-to-dawn functionality to operate automatically.



**IMPORTANT:** To test if the light fixture (A) and photocell (B) works properly run power to the fixture and cover the photocell to turn fixture ON. Shine a light into the photocell to see if fixture turns OFF.



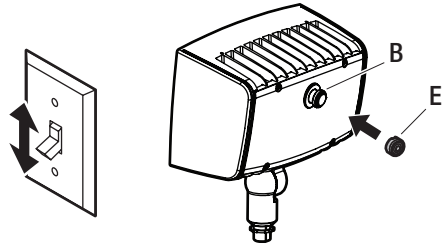
**NOTE:** If photocell (B) is located in an area under heavy shade the photocell may not detect enough light and may turn the light fixture on.

## Operation (continued)

### Option 2: Switch controlled

Switch controlled operation enables the light fixture to turn ON and OFF by flipping a switch that controls the electricity to the outlet powering the fixture. The light fixture will not turn ON and OFF automatically, but is manually controlled.

- To enable switch activated operation, leave the black screw-on cap (E) (comes pre-installed on the fixture) on the photocell (B).



## Care and Cleaning

- Shut off the 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

Problem	Possible Cause	Solution
The light does not turn ON.	There is no power to the fixture.	<ul style="list-style-type: none"><li>□ Check if circuit breaker is tripped.</li><li>□ Confirm wall switch is ON. Verify wiring to the fixture is correct (turn power OFF to fixture beforehand).</li></ul>
	The fixture senses daylight.	Cover the photocell. Wait several seconds until the fixture turns ON.
The light cycles ON and OFF continuously.	The photocell light sensor is sensing reflected light.	<ul style="list-style-type: none"><li>□ Relocate the light fixture to a location where there is no reflected light.</li><li>□ OR place the optional black photocell cover over the photocell light sensor and use the wall switch to turn the light ON and OFF.</li></ul>
The light flickers.	The light fixture is wired through a dimmer switch.	Replace the dimmer switch with a 0–10V dimming switch or a standard ON/OFF wall switch.
The light stays ON.	The light sensor is in a shaded area.	<ul style="list-style-type: none"><li>□ Shine a flashlight into the light sensor and wait a couple minutes. If the light turns OFF, the fixture should be moved to a location with enough light in the daylight hours for the light sensor to work.</li><li>□ OR place the optional black cover over the photocell light sensor and use the wall switch to turn the light ON and OFF.</li></ul>
	The light sensor is faulty.	If the light does not turn OFF when a flashlight is shined on the light sensor for a minute, then the sensor may be faulty. Please contact customer service.

 **NOTE:** Photocell (B) may have a short delay to reduce its sensitivity to sudden light changes. When testing, shine a light/cover the photocell for a minute to check if the fixture functions properly.





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Retain this manual for future use.