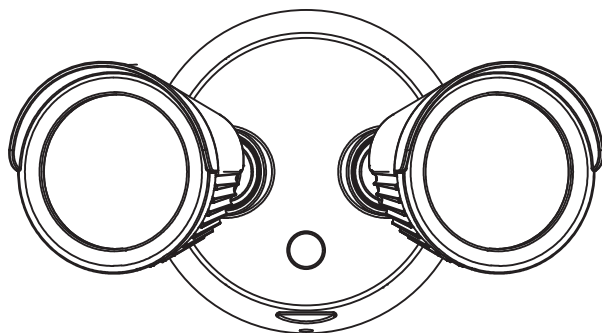


## DUO LED TWIN HEAD FLOOD LIGHT

### INSTALLATION, USAGE, & CARE GUIDE



#### Questions? / Missing Parts? / Need Accessories?

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

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[support@PROBRITE.com](mailto:support@PROBRITE.com)

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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-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 approved connecting devices
- ☐ This light fixture should be installed outdoors to a wall or eave.



**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 fixture 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.

## SPECIFICATIONS

	STLR 15	STLR 22
<b>Lumens (Light Output)</b>	1500 Lumens	2250 Lumens
<b>Watts (Power Consumption)</b>	15 Watts LED	22 Watts LED
<b>Replaces</b>	75W Halogen bulbs	
<b>Lumens/Watts (Efficacy)</b>	100 Lumens per watt	102 Lumens per watt
<b>Power Requirements (Input Voltage)</b>	120VAC, 60 Hz	
<b>Light Color (CCT)</b>	4000 Kelvin	2700K, 3000K, 3500K, 4000K, 5000K
<b>Dimmable</b>	Non-Dimming (do not wire to dimming switch)	
<b>Operating Modes</b>	<p><b>Dusk-to-Dawn:</b> Automatically turns light fixture ON during night and OFF during day.</p> <p><b>Switch-Controlled:</b> Flip switch to turn light fixture ON and OFF. Use included light sensor cap on fixture's light sensor to utilize this mode setting.</p>	

## TOOLS REQUIRED



Phillips  
screwdriver



Wire strippers/  
cutters



Circuit tester



Silicone  
sealant



Work  
gloves



Ladder



Wrench



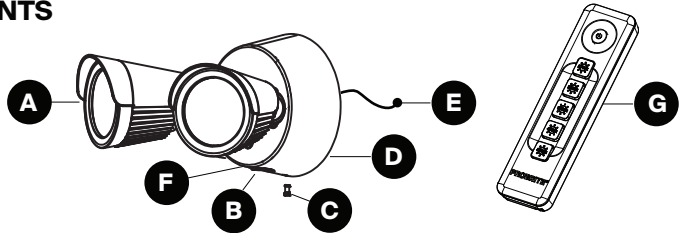
Safety  
goggles



Power  
drill

# PRE-INSTALLATION (CONTINUED)

## PACKAGE CONTENTS



Part	Description	Quantity
A	Light fixture	1
B	Photocell (light sensor)	1
C	Mounting plate set screw (pre-installed)	1
D	Mounting plate with gasket (pre-installed)	1
E	Hanger wire for hands-free installation (pre-installed)	1
F	Black photocell cover	1
G	Remote control	1

## HARDWARE KIT

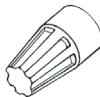


**NOTE:** Hardware *not* shown to actual size.

AA



BB



CC

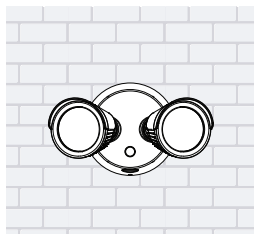


Part	Description	Quantity
AA	#8-32 x 3/4" Philips head screw	2
BB	Wire nut	3
CC	Hex head screwdriver	1

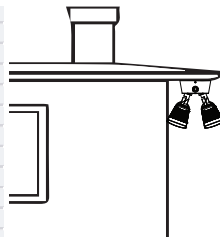
# INSTALLATION

## 1 FOR BEST RESULTS

- ☐ Install light 8-15 feet above the ground.
- ☐ Do not mount fixture close to reflective surfaces such as windows, white walls, white surfaces and water.
- ☐ Do NOT wire to dimming switch.
- ☐ When mounting fixture, make sure the photocell orientation is at the bottom for wall mount and away from building for eave mount.
- ☐ When mounting to a wall, make sure the fixture is 7 in. on center away from eave and 13 inches on center away from inside corner of the exterior wall (fig 2).

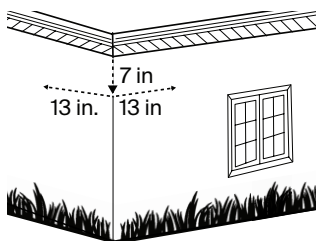


Wall Mount



Eave Mount

(fig 1).

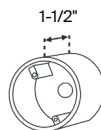


(fig 2).

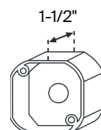


### NOTE:

Mounting plate (D) mounts to standard recessed junction boxes. Junction box must be at least 1-1/2 inch deep for proper installation. (fig 3).



Round

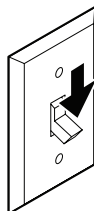


Octagonal

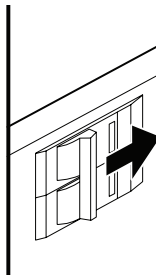
(fig 3).

## 2 SHUT OFF ELECTRIC POWER OFF

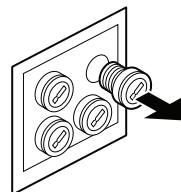
- ☐ Verify wall switch is in OFF position (fig 4).
- ☐ At the main electrical panel, turn off the circuit breaker that supplies power to the junction box you are working on (fig 5).
- ☐ For screw-in type fuses, unscrew the fuse that supplies power to the junction box you are working on (fig 6).



(fig 4).



(fig 5).



(fig 6).

## INSTALLATION (CONTINUED)

### 3 REMOVE THE MOUNTING PLATE



**NOTE:** The mounting plate (D) comes pre-assembled on the light fixture (A) for shipping.

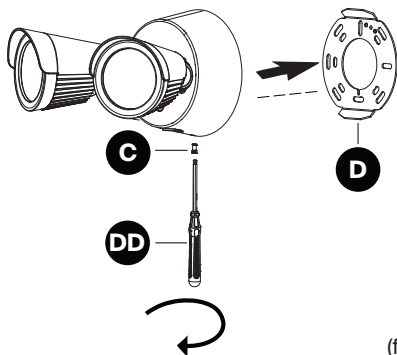


**NOTE:** The mounting plate set screw (C) comes pre-installed on the light fixture.

- Remove the mounting plate (D) from the back of the fixture by loosening the mounting plate set screw (C) using the hex head screwdriver (DD).



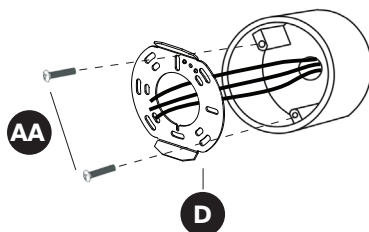
**TIP:** Only unscrew the set screw (C) far enough to remove the mounting plate (D). Do not fully remove the set screw (C).



(fig 6).

### 4 INSTALL THE MOUNTING PLATE TO THE JUNCTION BOX

- 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 of the junction box. Use two #8 screws (AA) to attach the mounting plate (D) to the junction box.
- **For wall mount**, the "TOP" arrow must point upward.
- **For eave mount**, the "TOP" arrow must point toward the building.



(fig 7).

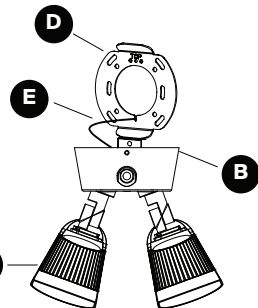
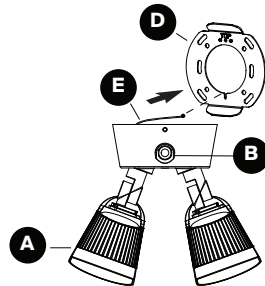
## INSTALLATION (CONTINUED)

### 5 HANG FIXTURE TO MOUNTING PLATE

- Place the small sphere head of the hanger wire (E) between the back of the small groove located on the bottom of the center hole of the mounting plate (D).
- **For wall mount**, ensure the photocell (B) is facing downwards when light fixture (A) is installed.
- **For eave mount**, ensure the photocell (B) is facing away from the building when light fixture (A) is installed.



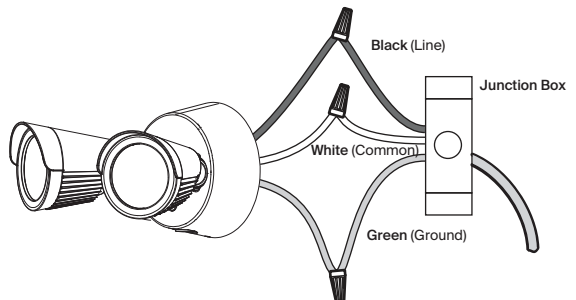
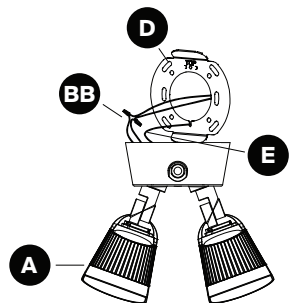
**TIP:** Ensure the light fixture (A) can safely hang onto the mounting plate (D) to allow both hands to make the electrical connections (fig 8).



(fig 8).

### 6 MAKE THE ELECTRICAL CONNECTIONS

- If necessary, strip 3/8" of insulation from junction box and lighting fixture wires (fig 9). Connect wires by twisting the exposed wires together and using the wire nuts (BB). Ensure no loose wires.
- Connect lighting fixture black wire to junction box black wire (line), lighting fixture white wire to junction box white wire (common), the junction box ground wire to the green lighting fixture ground wire, which is attached to the mounting plate (D)



Non-Dimming Wiring Diagram

(fig 9).

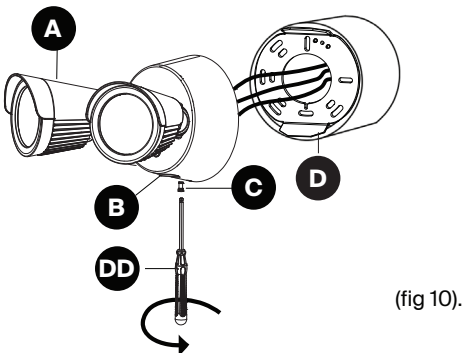


**TIP:** Hold stripped ends near each other and align any frayed strands (do not twist wires). Push the wires into wire nut (BB) and use your fingers to twist the wire nut clockwise until tight. Check for tightness by pulling wires.

## INSTALLATION (CONTINUED)

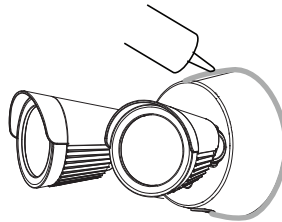
### 7 MOUNT THE LIGHT FIXTURE

- ☐ Once the fixture is wired, 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.
- ☐ Verify the fixture is flush with the mounting surface and photocell (B) is pointed downward for wall mount or away from building on eave mount.
- ☐ Tighten the mounting plate set screw (C) on the bottom of the fixture (A) until the screw firmly pushes against the mounting plate (D).



### 8 CAULK AROUND THE LIGHT FIXTURE

- ☐ Caulk around the fixture and surface with silicone sealant (not included) as shown in (fig 11).



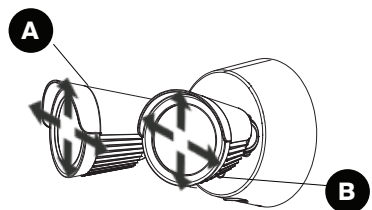
**NOTICE:** Failure to properly caulk around the back face of the light fixture and mounting surface could lead to water damage and is not covered under warranty.



**NOTE:** When attaching the light fixture (A) to a surface mount junction box, caulk between the mounting plate and junction box.

### 9 AIM THE LAMP HEADS AND TEST

- ☐ After fixture is securely mounted, manually aim each lamp head on the fixture (A) to point toward the direction desired.
- ☐ If one or both heads on the fixture (A) appear loose, use a philips head screwdriver to tighten the screws located on the arms of the light heads.
- ☐ To test light fixture illumination, cover photocell (B) and turn power back ON from the breaker and switch. Adjust lamp heads as needed to achieve desired lighting pattern.



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



**CAUTION:** Keep lamp heads 30° below horizontal to prevent water damage and electrical shock.



## OPERATION

# 1 DUSK-TO-DAWN MODE OPTION

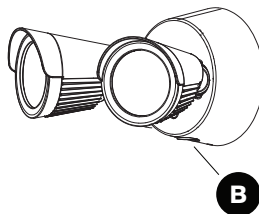
*Dusk-to-dawn operation enables the light fixture to automatically turn ON when dark outside and turn OFF when the sun rises, thus saving you energy.*

- ☐ To enable dusk-to-dawn operation, remove the black photocell cover (F) installed on the fixture. Note: Ensure the photocell is unobstructed.
- ☐ Ensure the switch powering the light fixture is turned to the ON position and leave it ON at all times to enable automatic dusk-to-dawn operation.

**AUTOMATIC  
NIGHTTIME ON**



**DAYTIME OFF**



(fig 13).



**TIP:** To test if the light fixture and photocell work 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.

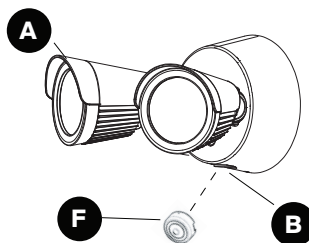
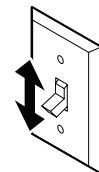


**NOTE:** If photocell is located in an area under heavy shade, the photocell may not detect enough light and may turn the light fixture on.

## SWITCH-CONTROLLED OPTION

*Switch controlled operation enables the light fixture to turn ON and OFF by flipping a switch that controls the electricity to the junction box 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 photocell cover (F) on the photocell.



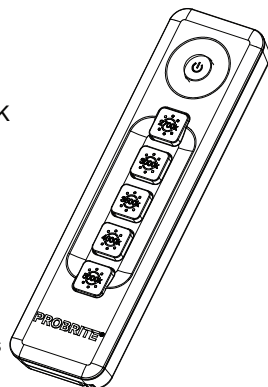
(Leave the black cover on the photocell)

(fig 14).

## OPERATION (CONTINUED)

### 1B SELECT COLOR TEMPERATURE (CCT) (STLR22-PC-5CCT MODEL ONLY)

- ☐ Standing within 15 feet, aim the remote control (H) at the front of the light fixture. Note: IR receiver is behind fixture lens.
- ☐ The remote has six buttons: ON/OFF, 2700K, 3000K, 3500K, 4000K and 5000K. Press the buttons to preview the correlated color temperatures (CCT).
- ☐ Once you make a selection, keep the light turned on at the selected color temperature for at least 5 seconds to store the selected color into memory (this will ensure it always turns on to the last selected color).
- ☐ To change light color at any time, point the remote at the fixture lens (within 15 feet) and select desired color temperature.



(fig 15).

## 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

Problem	Possible Cause	Solution
<b>Light does not turn ON</b>	No power to the fixture	Check if circuit breaker is tripped Confirm wall switch is ON Verify wiring to fixture is correct (turn power OFF to fixture beforehand)
	Fixture is sensing daylight	Cover photocell. Wait several seconds until fixture turns ON.
<b>Light cycles ON and OFF continuously</b>	Photocell light sensor is sensing reflected light	Relocate light fixture to a location where there is no reflected light. OR place the black cover over the photocell and use the wall switch to turn the light fixture ON and OFF.

## TROUBLESHOOTING

Problem	Possible Cause	Solution
<b>Light FLICKERS</b>	The light fixture is wired to a dimmer	Remove dimmer, fixture is nondimming.
<b>Light stays ON</b>	Photocell is in a shaded area	Shine a flashlight into the photocell 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 photocell to work.  OR Cover the photocell and use the wall switch to turn the light ON and OFF.
	Photocell is faulty	If the light does not turn OFF when a flashlight is shone on the photocell for a few minutes, then the photocell may be faulty. Please contact customer service.



**NOTE:** Photocell may have a few minutes delay during troubleshooting. When testing, shine a light and/or cover the photocell and allow a few minutes for fixture to function properly.

## 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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