

Outside Wall Light C

GLI-OWLC

INSTALL AND MAINTENANCE MANUAL

WARNING

1. Read all instructions.
2. Install in accordance with national and local electrical code regulations.
3. This product is intended to be installed and serviced by a qualified, licensed electrician.
4. Turn off electrical power before installing or servicing luminaire in any way.
5. To reduce the risk of fire and overheating, make sure all connections are tight.



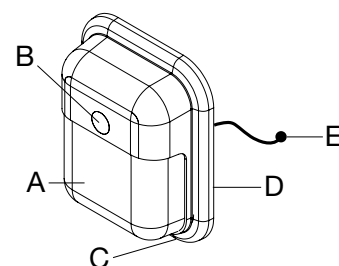
**May result in serious injury or death.
Turn power OFF at circuit breaker
prior to installation or servicing.**

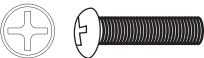
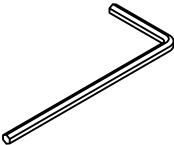
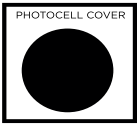
WARNINGS AND CAUTIONS

- **Electrical Safety:** Disconnect power at the circuit breaker before installation or maintenance to avoid electric shock.
- **Qualified Personnel:** Installation must be performed by a licensed electrician in compliance with local codes.
- **Voltage Verification:** Ensure the supply voltage matches the fixture's specifications to prevent damage.
- **Dimming:** Do NOT wire to dimming switch.
- **Photocell Orientation:** When mounting the fixture, ensure the photocell is positioned at the top for wall mount.
- **Wall Mount Clearance:** When mounting to a wall, ensure the fixture is 7 inches on center away from the eave and 13 inches on center away from the inside corner of the exterior wall
- **Secure Mounting:** Verify that the mounting surface or structure can support the weight of the fixture.
- **Wiring Precautions:** Ensure all wiring connections are properly insulated and secure to prevent hazards.
- **Environmental Conditions:** Suitable for both indoor and outdoor use. Ensure the installation environment is free corrosive substances.
- **Avoid Exposure:** Do not install the fixture in areas prone to prolonged submersion or extreme environmental conditions unless specifically rated for such use.
- **Apply Caulking:** Caulk the top and sides of the fixture where it meets the wall with weather-resistant sealant. Leave the bottom uncaulked for drainage.

COMPONENTS

CODE	A	B	C	D
DESCRIPTION	Light heads & fixture	Mounting bracket tightening bolt (pre-installed)	Mounting base with gasket (pre-installed)	Hanger wire for easy installation (pre-installed)
QUANTITY	1	1	1	1

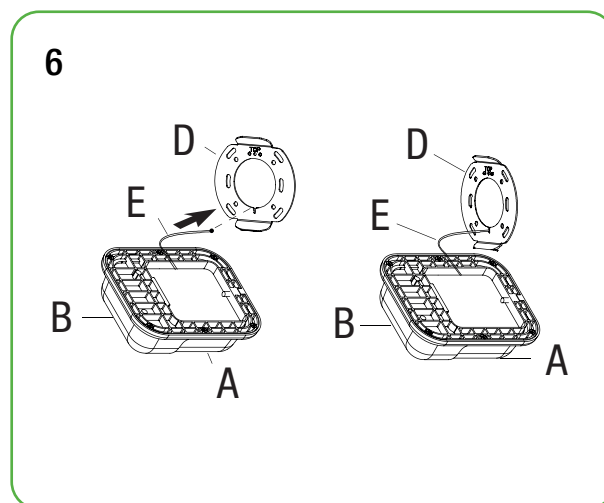
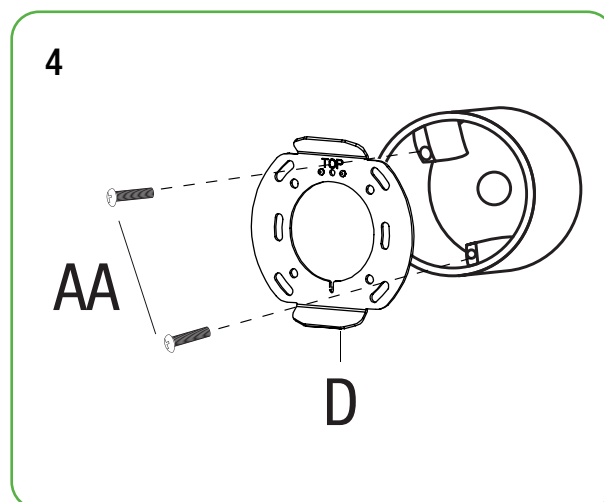
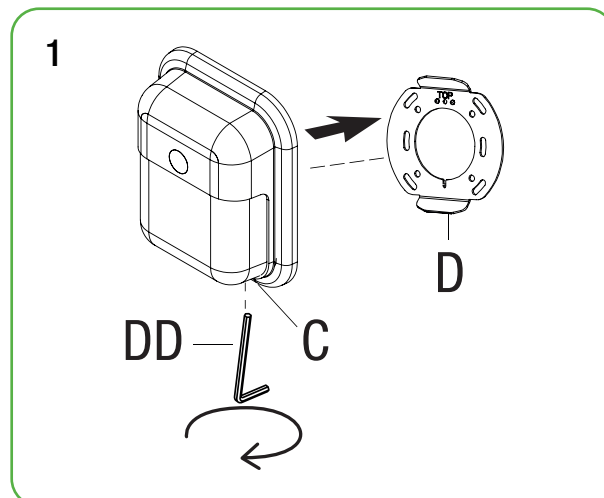


CODE	AA	BB	CC	DD
PICTURE				
DESCRIPTION	#8-32 x 3/4" Phillips mounting bracket screw	Wire nut	Allen key	Photocell Black Cover Label
QUANTITY	2	3	1	1

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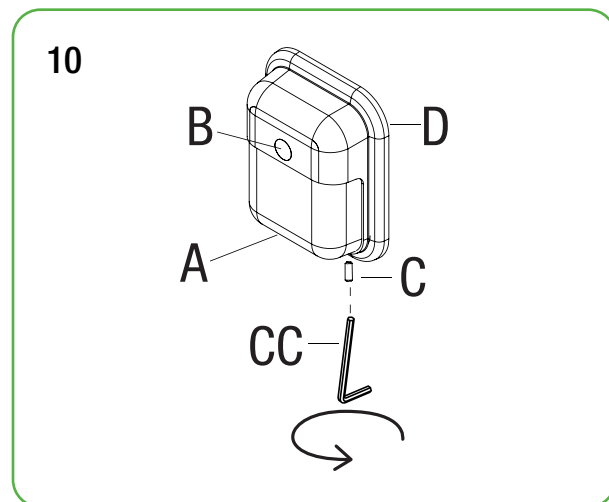
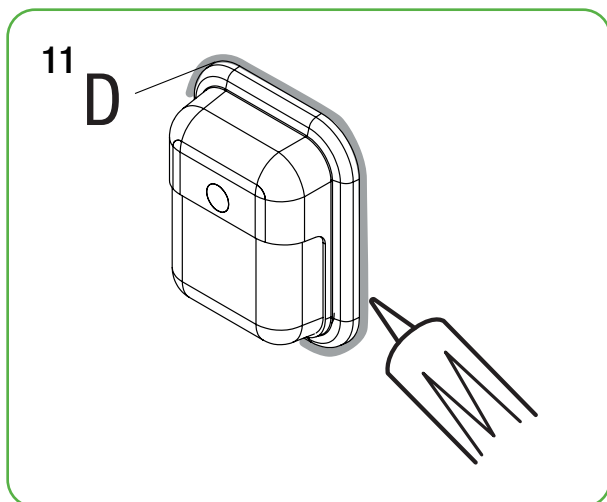
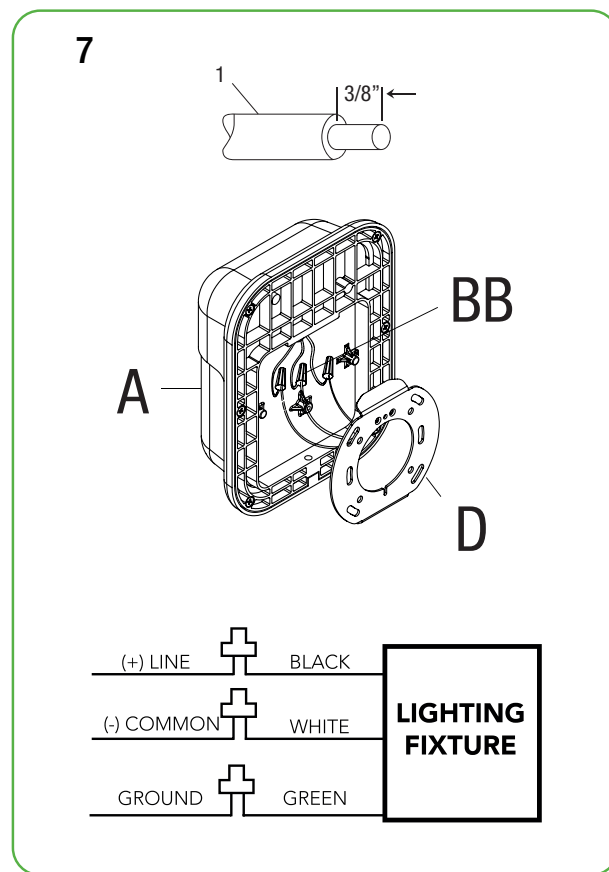
MOUNTING

1. Loosen the pre-installed mounting bracket tightening bolt (C) using the allen key (DD) to detach the mounting bracket (D) from the back of the fixture (A). Do not fully remove the bolt—unscrew just enough to slide the bracket off.
2. Feed the junction box wires through the large center hole in the mounting bracket (D).
3. Align the holes of the mounting bracket (D) with the holes on the junction box.
4. Secure the mounting bracket (D) to the junction box using two #8 screws (AA), ensuring compatibility with the junction box hole size.
5. Verify that the “TOP” arrow on the mounting bracket is pointing upwards before fully tightening the screws.
6. Place the ball-shaped end of the hanger wire (E) into the small groove located at the bottom of the center hole on the mounting bracket (D), ensuring it sits securely in place.



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7. Connect the wires as follows:
 - **Black:** Live/Hot
 - **White:** Neutral
 - **Green:** Ground
8. Ensure all connections are properly insulated and neatly tucked into the junction box.
9. Place the light fixture (A) onto the mounting bracket (D), ensuring that the top sloped groove on the mounting bracket aligns and rests securely on the top sloped groove on the back of the fixture.
10. Insert the tightening bolt (C) through the hole at the bottom of the fixture and tighten until it presses firmly against the mounting bracket, securing the fixture in place.
11. Caulk the top and sides of the fixture where it meets the wall with weather-resistant sealant. Leave the bottom uncaulked for drainage.
12. If mounting the fixture (A) to an external surface-mounted junction box, also apply caulking inside the fixture before securing it to the mounting bracket.



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OPERATION

OPTION 1: DUSK-TO-DAWN OPERATION

Dusk-to-dawn operation enhances energy efficiency by automatically turning the fixture ON at night and OFF at sunrise.

- To enable dusk-to-dawn functionality, remove the temporary black label cover and ensure the photocell (B) is uncovered and unobstructed.
- Ensure the switch powering the outlet connected to the fixture is in the ON position at all times to allow automatic operation.

TIP: To test the fixture (A) and photocell (B):

1. Supply power to the fixture.
2. Cover the photocell to turn the fixture ON.
3. Shine a light into the photocell to check if the fixture turns OFF.

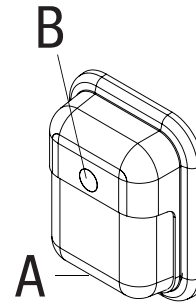
NOTE: If the photocell (B) is in a heavily shaded area, it may not receive enough light and could keep the fixture ON.

OPTION 2: SWITCH-CONTROLLED OPERATION

Switch-controlled operation allows the fixture to be manually turned ON and OFF using a wall switch. This disables automatic dusk-to-dawn functionality.

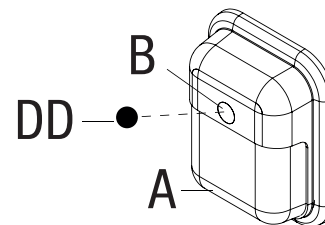
- To enable switch-controlled operation, apply the black cover sticker (DD) over the photocell (B).

1



To enable Dusk-to-Dawn Operation, remove the cover on photocell.

2



To enable switch control, paste the cover over the photocell.

TROUBLESHOOTING

IN CASE LIGHT DOES NOT TURN ON:

There may be no power to the fixture

- Check that the power is turned ON from the circuit breaker and wall switch.
- Check the fixture is properly wired.

Photocell may be sensing daylight

- Cover photocell. Wait several seconds and then turn ON the fixture.

IN CASE LIGHT TURNS ON AND OFF CONTINUOUSLY:

Photocell may be sensing reflected light

- Relocate light fixture to a location where there is no reflected light.
- OR place the optional opaque photocell cover over the photocell light sensor and use the wall switch to turn the light ON and OFF.

IN CASE OF FLICKERING LIGHT:

The light fixture may be wired through a dimmer switch.

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

IN CASE LIGHT STAYS ON:

Light sensor may be in a shaded area

- Shine a flashlight into the light sensor for 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.
- OR place the optional cover over the photocell light sensor and use the wall switch to turn the light ON and OFF.

Light Sensor is faulty

- If the light does not turn off when a flashlight is shined on the light sensor for a couple minutes, then the sensor may be faulty. Please contact customer service.

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