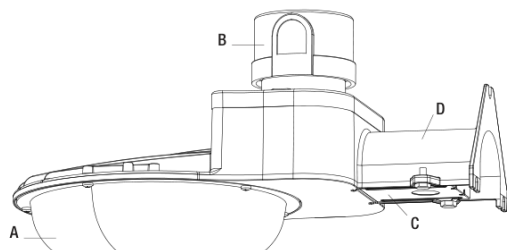


Outdoor LED fixture with **dusk-to-dawn photocell**, mounted on a wall or on an extension arm, with adjustable wattage and colour temperature. Read the whole guide before you start. Estimated installation time: **20 minutes**.

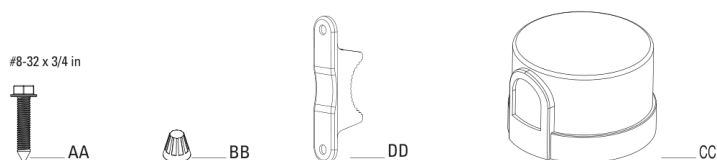
PACKAGE CONTENTS



PARTS

Part	Description	Qty
A	Light fixture	1
B	NEMA twist-lock 3-pin photocell (provided separately in the box)	1
C	Wire cover plate	1

HARDWARE INCLUDED



HARDWARE

Part	Description	Qty
AA	Hex head lag bolt	3
BB	P3 wire nut	5
DD	Mounting bracket	1
CC	Photocell	1

ITEMS REQUIRED (PURCHASE SEPARATELY)



1. Phillips screwdriver · 2. Safety goggles · 3. Silicone sealant · 4. Wire strippers / cutter · 5. Circuit tester · 6. Adjustable wrench · 7. Work gloves · 8. Ladder · 9. Power drill. Before installing the light fixture, make sure all parts are present by comparing them with the lists above. If any part is missing or damaged, do not attempt to assemble, install or operate this light fixture.

⚠ IMPORTANT SAFETY INSTRUCTIONS

- **This product must be installed in accordance with the applicable electrical code and local building codes by a person familiar with the construction and operation of the product and the hazards involved.**
- Read and understand this entire guide before attempting to assemble, install or operate this light fixture. Save these instructions and warnings.
- This light fixture requires a **120-347 V AC** power source.
- The fixture should be installed by a person with experience in household wiring or by a qualified electrician.
- This light fixture must be properly **grounded**.
- Make sure connections are secure using wire nuts, crimp-on plugs or other UL-approved connecting devices.
- This fixture should be installed outdoors, on a wall or a pole.
- Always **turn OFF the power** before adjusting or servicing this light fixture, wear rubber-soled shoes and use a wooden or insulated (non-grounded) ladder.
- 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 that power is OFF at the light fixture.
- **Warning: risk of fire.** Keep the lamp heads at least 3 in. (76 mm) from combustible materials.
- **Caution: burn hazard.** Allow the light fixture to cool before touching.
- **Notice:** do not connect this fixture to a dimmer switch unless it is listed on the dimmer compatibility list.
- **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.

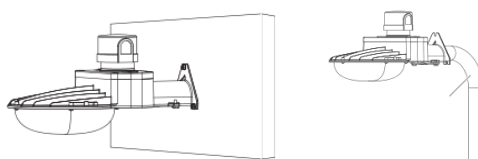
PREPARING FOR INSTALLATION

Caution: do not try to rotate the photocell receptacle on top of the fixture as it may twist the wiring. **Note:** make sure the photocell is locked on the receptacle; do not over-rotate it once it is locked.

For a successful installation:

- Install the light **10 to 30 ft.** above the ground.
- Place the photocell (provided separately in the box) on the receptacle on top of the fixture and rotate it in the direction of the arrow marked on the photocell.
- When mounting the fixture, make sure the photocell is in an area that receives daylight and is not too close to reflective surfaces, to ensure reliable dusk-to-dawn operation.
- When installing two fixtures on one switch, make sure the switch is rated for at least a **1 A inductive load**.

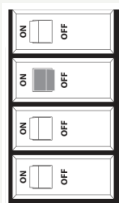
MOUNTING TYPES



Left: wall mount · right: extension arm mount.

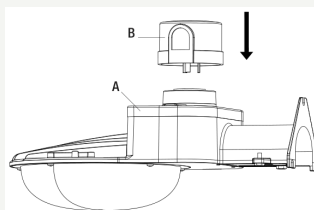
INSTALLATION

- 1 Turn off the electricity.** Make sure the wall switch is OFF. Turn off the power at the circuit breaker that supplies the outlet box you are working on; for screw-in fuses, unscrew the fuse that supplies that box.



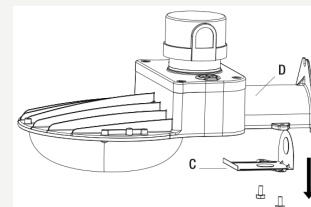
Warning: risk of electric shock. Disconnect power at the fuse or circuit breaker before installing or servicing.

- 2 Attach the photocell.** Place the photocell (**B**) onto the receptacle on top of the fixture (**A**), then twist it in the direction of the arrow on the photocell until it locks into place.



The photocell (B) is provided separately in the box. **The fixture will not work without the photocell**, which completes the circuit. Do not rotate the receptacle; do not over-rotate the photocell once locked.

- 3 Prepare to mount.** Wall mount: remove the wire guard plate (**C**) from the arm (**D**) by loosening the screws, then mark and pre-drill the three holes at the desired location. Extension arm mount (sold separately): remove the plate (**C**) from the arm (**D**) by loosening the screws, then choose the hardware from the table below.



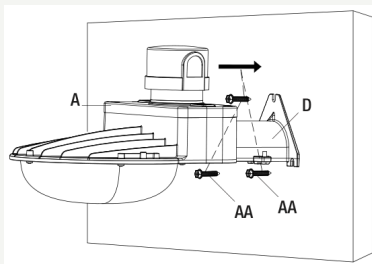
The wire guard plate (C) comes already installed on the fixture arm (D).

HARDWARE BY MOUNTING SURFACE

Mounting surface	Hardware
Brick	1/4 in. hex head sleeve anchor (not supplied)
Wood pole	1/4 in. lag bolts (supplied)
Masonry block	1/4 in. toggle bolts (not supplied)
Metal wall panels	1/4 in. bolts, nuts, washers and flat backing plate (not supplied)

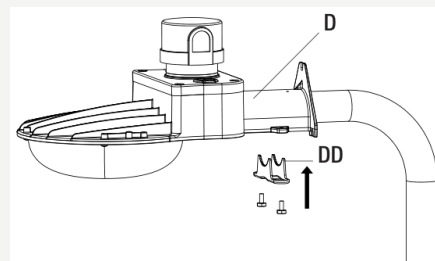
4. MOUNTING THE FIXTURE

Wall mount. Feed the supply wires through the arm (D). Using the fixture (A) as a template, mark and pre-drill the three mounting holes. Partially screw in the bottom hex bolts (AA) and place the fixture's two bottom mounting grooves onto them. Then insert the top bolt (AA) and tighten all bolts to firmly secure the fixture.



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

Extension arm. Feed the supply wires through the arm (D). Secure the extension arm (not included) to the fixture arm (D) with the included arm mounting bracket (DD) and the screws removed earlier, until the bracket pushes firmly against the arm.

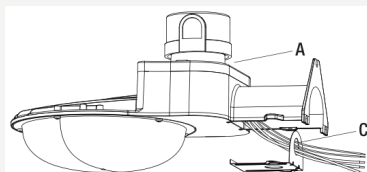


Important: the extension arm is sold separately; to buy one, contact LEDCO. Its installation instructions are included in its package.

5. MAKING THE ELECTRICAL CONNECTIONS

Wall mount: thread the wires through the hole in the wire cover plate (C).

Wall and extension arm: if necessary, strip 3/8 in. of insulation from the junction box or fixture (A) wires.

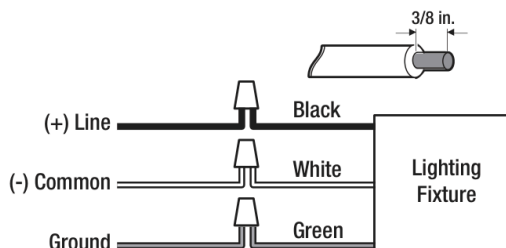


Note: hold the stripped ends side by side and align any frayed strands (do not twist the wires). Push the wires into the wire nut (BB) and twist it clockwise by hand until tight. Check by pulling on the wires.

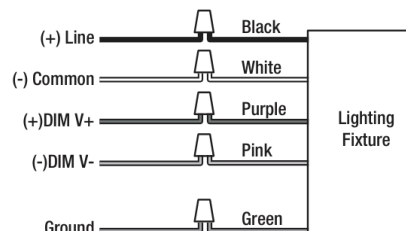
ON/OFF (non-dimming). Connect the fixture **black** wire to the supply black wire [(+) line] and the fixture **white** wire to the supply white wire [(-) common] by twisting the exposed wires together and using the wire nuts (BB); make sure there are no loose wires. Connect the supply ground wire to the fixture **green** ground wire the same way.

0-10 V dimming. Connect black, white and ground as shown opposite, with the wire nuts (BB). Connect the **purple** wire to the **(V+)** DIM wire and the **pink** wire to the **(V-)** DIM wire by twisting the exposed wires together and using the wire nuts (BB).

Non-Dimming Wiring Diagram



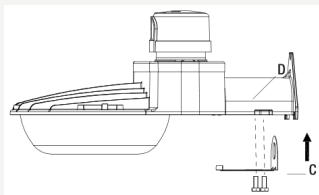
0-10V Dimming Wiring Diagram



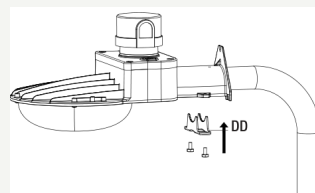
Left: non-dimming wiring diagram · right: 0-10 V dimming wiring diagram.

6. SECURING THE FIXTURE AND WIRING

Wall mount. Once the fixture is wired, place the wire cover plate (C) on the arm (D) by tightening the two screws removed earlier.



Extension arm. After wiring is complete, secure the fixture on the extension arm with the arm mounting bracket (DD) by tightening the screws removed earlier, until the bracket (DD) pushes firmly against the pole.

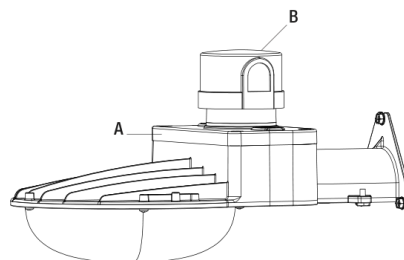


DUSK-TO-DAWN OPERATION

The light fixture turns ON automatically when it is dark outside and turns OFF when the sun rises, saving energy.

- The photocell (B) must be exposed to light and unobstructed.
- The switch powering the fixture must be ON and stay ON at all times for automatic operation.
- **Note:** if the photocell (B) is in heavy shade, it may not detect enough light and may turn the fixture on.
- **Note:** to test the fixture (A) and photocell (B), power the fixture and cover the photocell: the fixture turns ON. Then shine light into the photocell to check that it turns OFF.

PHOTOCELL

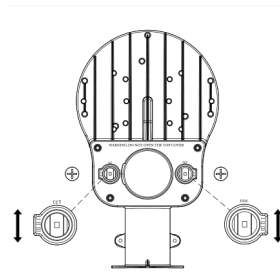


A: light fixture · B: photocell.

SELECTING THE COLOUR TEMPERATURE AND WATTAGE

CCT Selectable Setting				Note: 4000K is default setting
3000K	4000K	5000K		
Wattage Selectable Setting				Note: 60W is default setting
28W	40W	60W		

Remove the **CCT** and **DIM** caps, then select the combination on the DIP switches: wattage (DIM) and colour temperature (CCT) can be set as required. Colour temperature: 3000K, 4000K, 5000K (**4000K is the default**) · wattage: 28 W, 40 W, 60 W (**60 W is the default**).



CCT: colour temperature · DIM: wattage.

CARE AND CLEANING

- Shut off the main power supply before cleaning the product. To prolong its original appearance, clean the light fixture with clean 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 premature deterioration of the finish.
- 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.	• Check if the circuit breaker is tripped. • Confirm the wall switch is ON. Verify the wiring to the fixture (turn power OFF to the fixture beforehand).

TROUBLESHOOTING (CONTINUED)

Problem	Possible cause	Solution
The light does not turn ON.	The fixture senses daylight.	Cover the photocell and wait a short time until the fixture turns ON.
The light cycles ON and OFF continuously.	The photocell is sensing reflected light.	• Relocate the light fixture to a location with no reflected light. • OR place the optional photocell cover over the photocell and use the wall switch to turn the light ON and OFF.
The light flickers.	The fixture is wired through a dimmer switch.	Do not use a dimmer switch to control the light fixture. Replace the dimmer with a standard ON/OFF switch.
The light stays ON.	The light sensor is in a shaded area.	• Shine a flashlight into the light sensor and wait a minute. If the light turns OFF, move the fixture to a location with enough daylight for the sensor to work. • OR place the optional opaque cover over the photocell and use the wall switch to turn the light ON and OFF.
The light stays ON.	The light sensor is faulty.	If the light does not turn OFF when a flashlight is shined on the sensor for a minute, the sensor may be faulty. Contact LEDCO.

Note: the photocell (B) has a short delay to reduce its sensitivity to sudden light changes. When testing, shine a light on and cover the photocell for a short time.

FCC NOTICE

Important: this device complies with Part 15 Class A of the FCC Rules. Operation is subject to the following two conditions: (1) this device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation. 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 the 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.