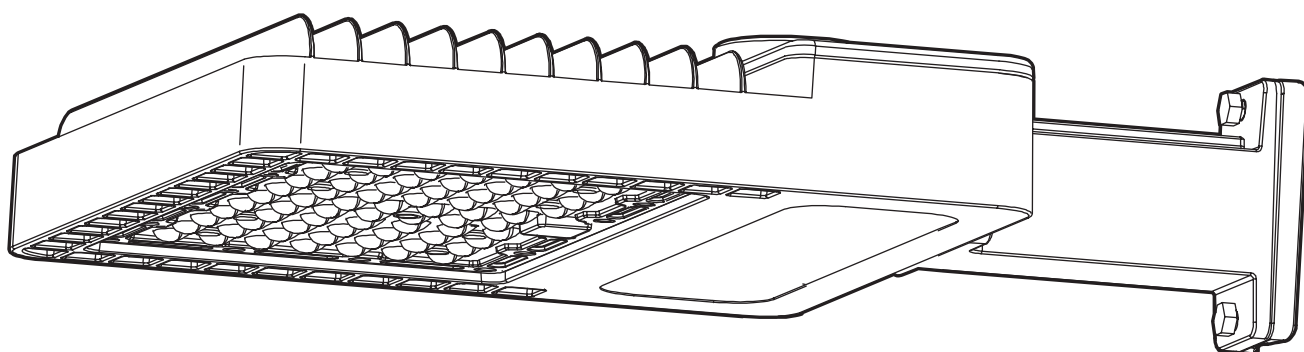


## USE AND CARE GUIDE

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### NOVA COMMERCIAL LED AREA 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**

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#### **THANK YOU**

*We appreciate the trust and confidence you have placed in Commercial Electric through the purchase of this LED area 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 a pole.
- This product may contain chemicals known to be hazardous. Thoroughly wash hands after installing, handling, cleaning or otherwise touching the product.

**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.



**WARNING:** Before installation or servicing of the fixture, 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 lamp heads at least 3 in. (76 mm) from combustible materials.



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



**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)	18000 Lumens
Watts (Power Consumption)	150 Watts LED
Replaces	400 Watt Metal Halide
Lumens/Watts (Efficacy)	120 Lumens per watt
Power Requirements (Input Voltage)	120–277VAC
Light Color (CCT)	4000 Kelvins (Bright White)
Dimmable	Dimming (0–10V dimming switch)
Surge Protection	10kV
Optic Distribution Type	Type IV
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 label on fixture's light sensor to utilize this mode setting.</i>

### TOOLS REQUIRED



Phillips screwdriver



Safety goggles



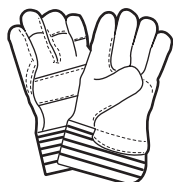
Silicone sealant



Wire strippers/  
cutter



Circuit tester



Work gloves



Ladder




Power drill

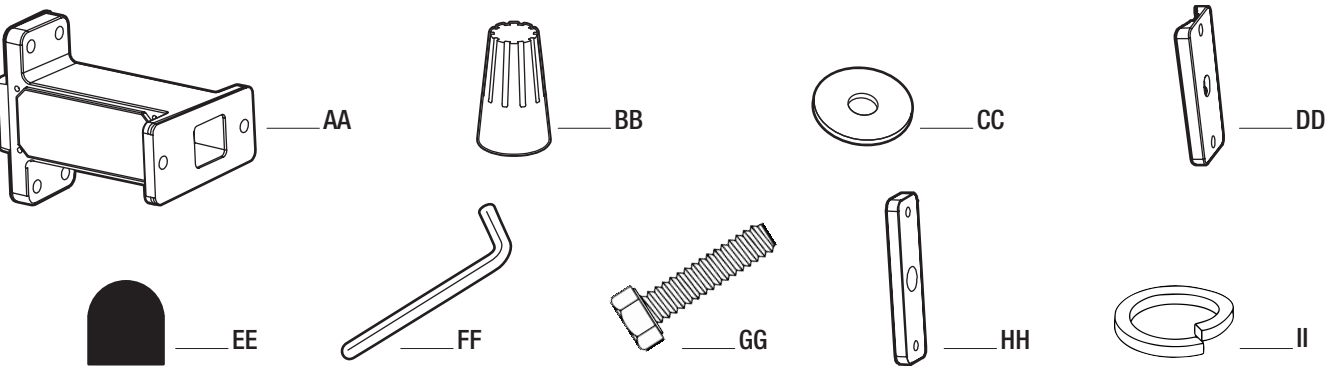


Wrench

# Pre-Installation (continued)

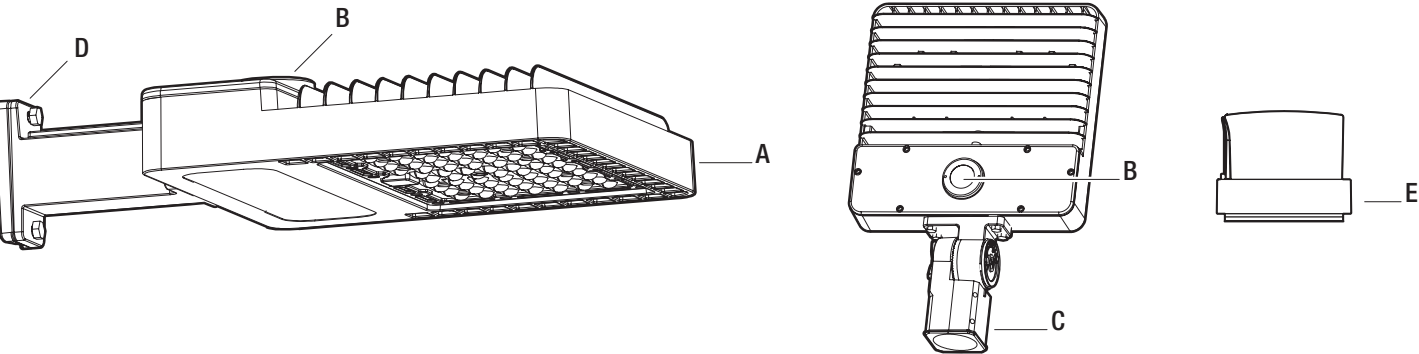
## HARDWARE INCLUDED

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



Part	Description	Quantity
AA	Extension arm	1
BB	Wire nut	3
CC	Flat washers	2
DD	Adapter plate (for round pole)	1
EE	Photocell black cover label	1
FF	Allen key (Three sizes)	3
GG	Hex head machine bolts	2
HH	Bolster plate	1
II	Lock washer	2

## PACKAGE CONTENTS



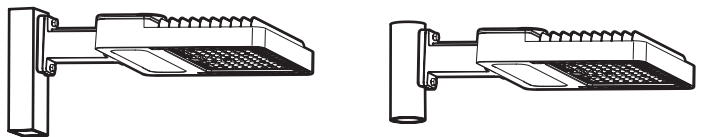
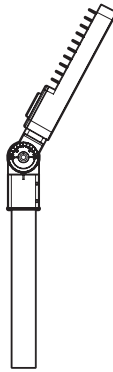
Part	Description	Quantity
A	Light fixture	1
B	Photocell NEMA 3-pin receptacle	1
C	2-3/8 in. Swivel slipfitter knuckle mounting arm	1
D	Extension arm mount	1
E	120-277V NEMA 3-pin twist-lock photocell	1

## Preparing for Installation



**IMPORTANT:** Use two people for installation of this fixture.

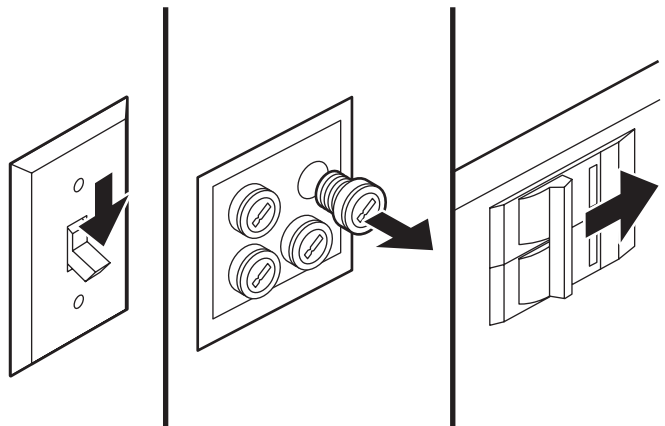
- The fixture can be mounted in the following ways:
  - **Swivel Slipfitter Knuckle Arm Mount:** Use the default swivel slipfitter knuckle on a 2-3/8 in. to 2-1/2 in. (O.D) round pipe, or fit to standard tenon arms for ground, pole, or wall mounting (tenon arms sold separately).
- **Extension Arm Mount:** The fixture can also be mounted directly on a square or round pole surface, or direct to a wall, using the extension arm supplied separately in the package.
- To ensure proper dusk-to-dawn operation, ensure the photocell is oriented at the top for a wall mount installation, in an area that receives daylight. Do not place too close to reflective surfaces.
- When installing two fixtures on one switch, make sure the switch is rated for at least a 1A inductive load.
- The fixture may or may not be wired to a 0-10 V dimming switch.



## Installation

### 1 Turning off the electricity

- Verify the wall switch is in the OFF position.
- Turn off power 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 Placing the photocell on the fixture



**NOTE:** The fixture comes with the twist-lock photocell (E) provided separately in the box.

- ❑ The photocell (E) **MUST** be inserted into the receptacle (B) for fixture to turn ON.
- ❑ **OPTIONAL:** To deactivate the automatic dusk-to-dawn functionality, place the included photocell cover sticker (EE) on the photocell window.
- ❑ Place the photocell (E) onto the receptacle (B) on top of the fixture.
- ❑ Twist the photocell (E) in the direction of the arrow indicated on the photocell until it locks into place.



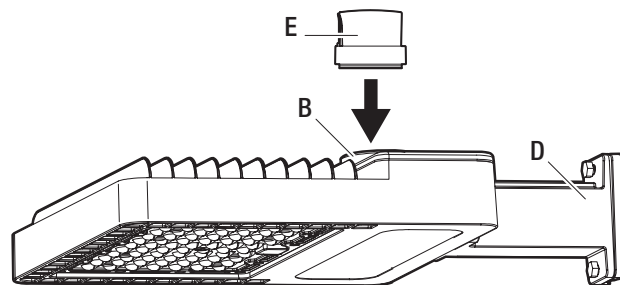
**NOTE:** The light fixture will not work without the photocell (E) inserted into the photocell receptacle as it completes the circuit.



**NOTE:** Make sure the photocell (E) is locked on the receptor. Do not over rotate after it is locked.



**CAUTION:** To rotate Photocell towards North Direction, loosen the 2 screws on the photocell base and turn with a flat head screwdriver. Do not rotate more than 360 degrees.



## Installation (continued)

### 2A Slipfitter knuckle arm mounting

(APPLICABLE FOR ROUND PIPE / TENON MOUNTING ONLY)



**IMPORTANT:** For extension arm mounting, go to step 5.



**NOTE:** The fixture comes with the 2-3/8 in. swivel slipfitter arm (C) already attached to the fixture (A).

- Remove the cap from the top of the pole.
- Pull the leads through the pole and the slipfitter knuckle arm (C).
- Follow the wiring instructions given on step 4A to complete the wiring and use wire nuts (BB) on the connections. (Fig. 1)
- Place the knuckle arm on the pole and use the allen key (FF) to tighten the two bolts and fix the fixture on the pole. (Fig. 2)

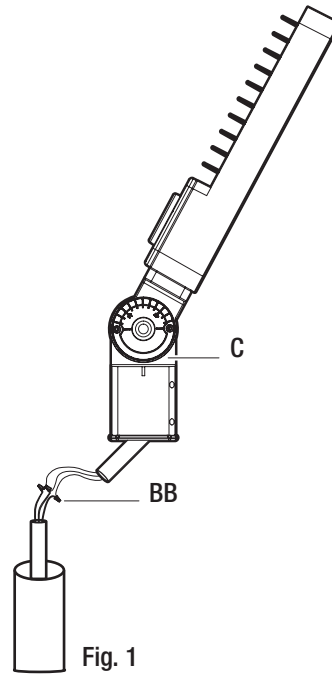


Fig. 1

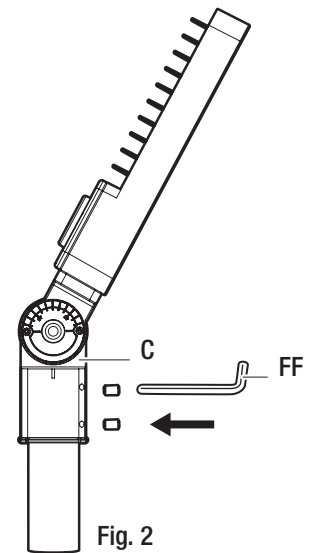
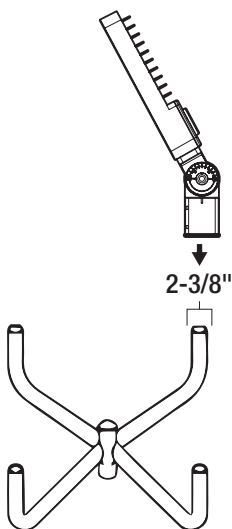


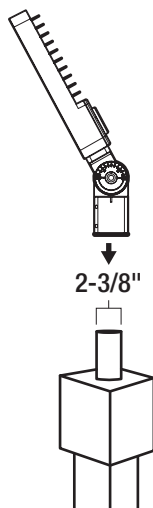
Fig. 2

#### SLIPFITTER TENON MOUNTING ACCESSORIES:

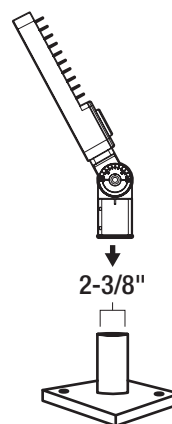
- Mounting accessories for standard 2-3/8 in. slipfitters are available. Please visit your local Home Depot store or contact The Home Depot customer support at 1-844-548-3776 so that we can assist in securing mounts and accessories (not supplied).



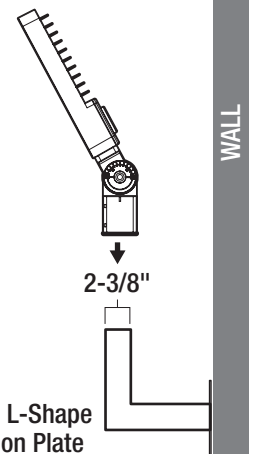
2, 3, or 4-Arm Bullhorn Tenon for Square/Round Pole



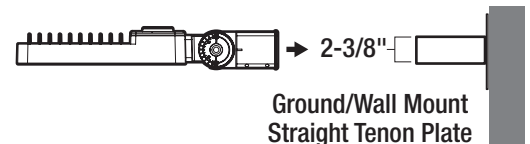
Square and Round Pole Tenon Adapter Mount



Ground/Wall Mount Tenon Plate



Wall L-Shape Tenon Plate



Ground/Wall Mount Straight Tenon Plate

## Installation (continued)

### 3A Making electrical connections

#### (APPLICABLE FOR ROUND PIPE / TENON MOUNTING ONLY)

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

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

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

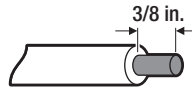
##### 0-10V Dimmable Wiring Method:

- Connect the fixture black wire to the supply black wire ((+) line), and fixture white wire to the supply white wire ((-) common) by twisting the exposed wires together and using the wire nuts (BB). Ensure there are no loose wires.
- Connect the supply 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 and connect with a UL approved wire connector.

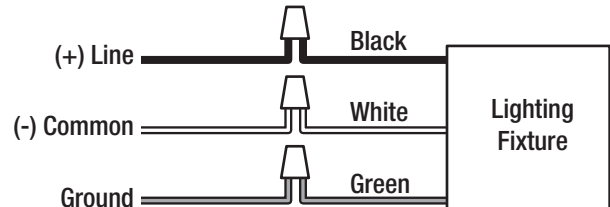


**NOTE:** Hold stripped ends near each other and align any frayed strands (do not twist wires).

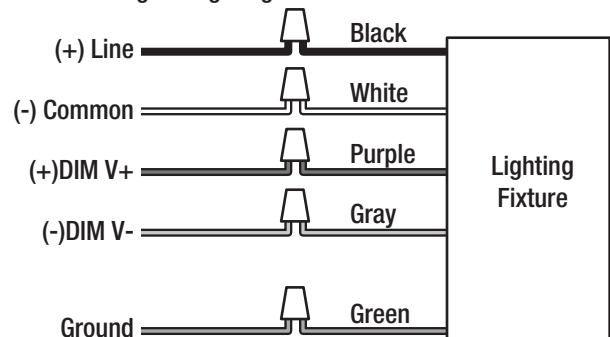
Push the wires into wire nut (BB) and use your fingers to twist the wire nut clockwise until tight. Check for tightness by pulling wires.



Non-Dimming Wiring Diagram



0-10V Dimming Wiring Diagram





## Installation (continued)

### 4A Adjusting the fixture head orientation

- Remove the plug from the side of the knuckle arm (C). (Fig. 1)
- Use the allen key (FF) to loosen the screw and adjust the angle to desired orientation for the fixture. (Fig. 2)
- Replace the plug into the knuckle mounting arm (C). (Fig. 3)

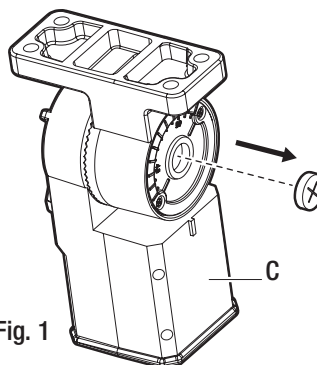


Fig. 1

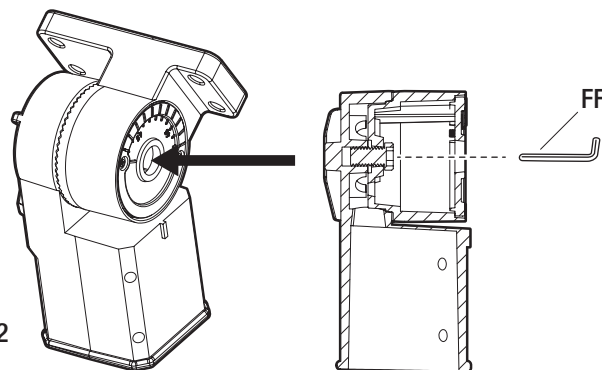


Fig. 2

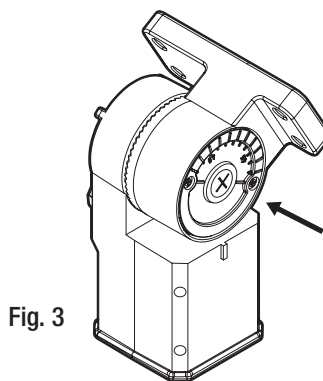


Fig. 3

### 2B Replacing the slipfitter knuckle with extension arm mount

- Remove the plug from the slipfitter knuckle mounting arm (C) of the fixture and loosen the screw to remove the bottom handle. (Fig. 1 & 2)
- Remove the four screws from the slipfitter upper handle by using the larger allen key (FF) to remove the knuckle mounting arm (C) completely. (Fig. 3)
- Thread the wires through the extension arm (AA) and align the four holes with the holes on the fixture head. (Fig. 5)
- Attach the extension arm (AA) on the fixture by tightening the four screws removed earlier. (Fig. 6)

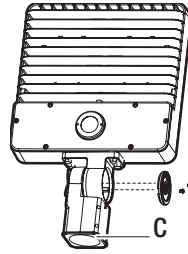


Fig. 1

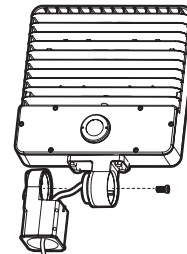


Fig. 2

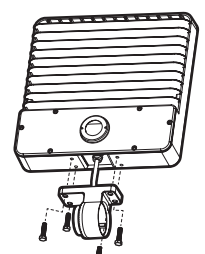


Fig. 3

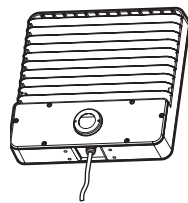


Fig. 4

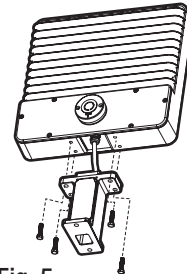


Fig. 5

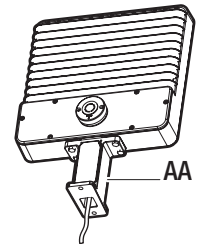


Fig. 6

## Installation (continued)

### 3B Drilling mounting holes on the surface

#### APPLICABLE FOR WALL, SQUARE, AND ROUND POLE

- Remove the pole's top cover, if applicable.
- Drill mounting holes into the pole or surface as this figure shows.

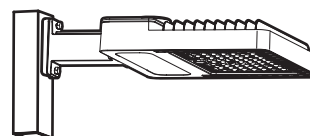
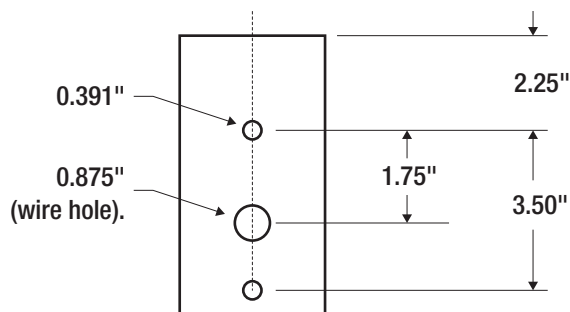
#### Extension Arm Usages:

- Use the extension arm to mount the fixture direct to a surface like square pole, round pole, or a wall.

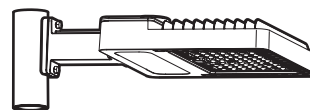


**IMPORTANT:** Please refer to the below table for using the correct hardware according to mounting surface material.

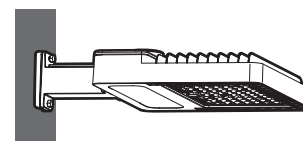
Mounting Surface	Suggested Hardware
Brick	1/4 in. Hex head sleeve anchor (not included)
Wood pole	1/4 in. Lag bolts (not included)
Masonry block	1/4 in. Toggle bolts (not included)
Metal wall panels	1/4 in. Bolt, nut, washers, and Flat backing plate (not included) or Bolster plate (included)



Square Pole



Round Pole



Direct to Wall

## Installation (continued)

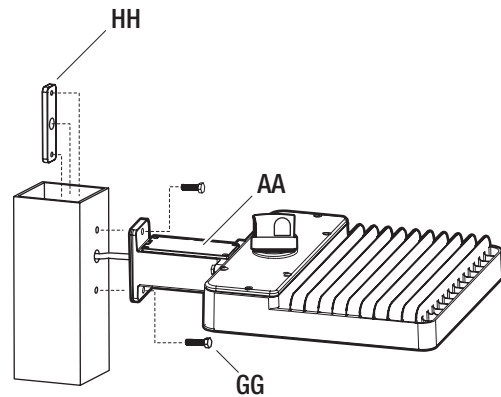
### 4B Mounting the extension arm



**IMPORTANT:** Pay attention to threading the wire through the center hole in the bolster plate (HH), the pole, the round pole adapter plate (DD), and the extension arm (AA).

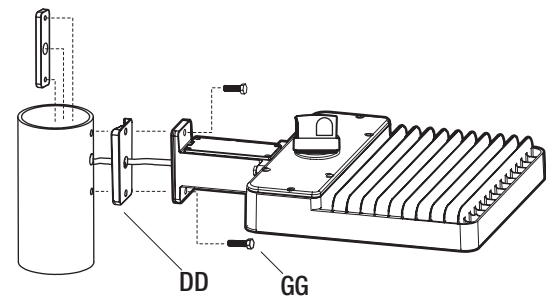
#### For Square Pole Only:

- Align the extension arm (AA) holes with the holes drilled on the pole.
- Attach the extension arm (AA) by inserting the two hex head bolts (GG) through the extension (AA), the pole and the bolster plate (HH), which is inside the pole (fig 1).
- Tighten the two bolts (GG) to 140 in-lbs (16 Nm).



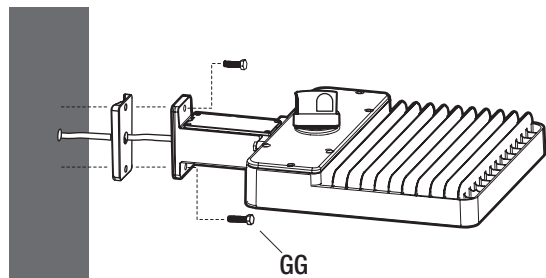
#### For Round Pole Only:

- Use the round pole adapter plate (DD) between the pole and the extension arm (AA).
- Insert the two hex head bolts (GG) through the extension arm (AA), round pole adapter plate (DD), the pole and the bolster plate (HH), which is placed inside the pole (fig 2).
- Tighten the two bolts (GG) to 140 in-lbs (16 Nm).



#### For Direct to Wall:

- Align the extension arm (AA) holes with the holes pre-drilled in the wall.
- Use proper bolts or wall anchors for the type of wall, and tighten to sufficient torque setting.
- Consult with a qualified electrician to determine the best mounting method and bolts for wall mount.
- Place electrical wires through the center hole in the extension arm (AA).



**CAUTION:** Do not use the bolts included in the hardware kit for direct to wall mounting (they are intended for pole mounting). Use bolts or screws and anchors suitable for the wall's surface material. Consult with a qualified electrician to help determine the best mounting method and bolts for wall mount.



**NOTE:** The light fixture has precision Type IV forward throw optics so when using the extension arm mount keep the fixture in the 0° position.

## Installation (continued)

### 5B Making electrical connections

#### (APPLICABLE FOR ROUND PIPE / TENON MOUNTING ONLY)

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

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

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

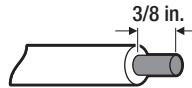
##### 0-10V Dimmable Wiring Method:

- Connect the fixture black wire to the supply black wire ((+) line), and fixture white wire to the supply white wire ((-) common) by twisting the exposed wires together and using the wire nuts (BB). Ensure there are no loose wires.
- Connect the supply 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 and connect with a UL approved wire connector.

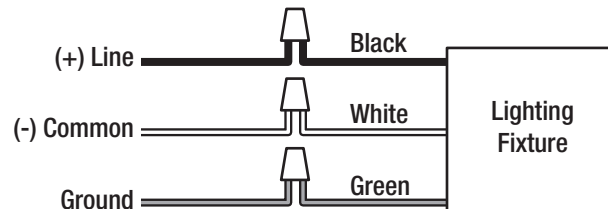


**NOTE:** Hold stripped ends near each other and align any frayed strands (do not twist wires).

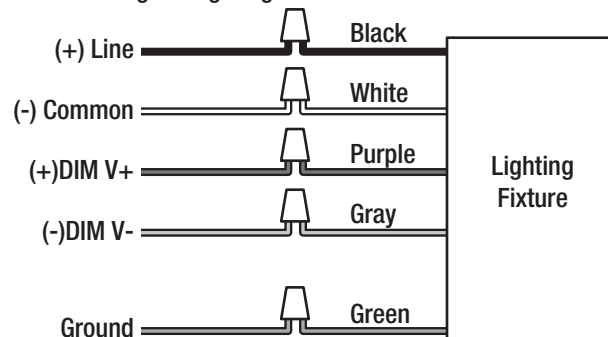
Push the wires into wire nut (BB) and use your fingers to twist the wire nut clockwise until tight. Check for tightness by pulling wires.



Non-Dimming Wiring Diagram



0-10V Dimming Wiring Diagram



# Operation

## SELECTING DUSK-TO-DAWN OR SWITCH-ACTIVATED CONTROL



**NOTE:** The photocell (E) must be installed on the fixture for both dusk-to-dawn and switch controlled operation. The fixture will not work if the photocell is not installed.

### Option 1: Dusk-to-Dawn

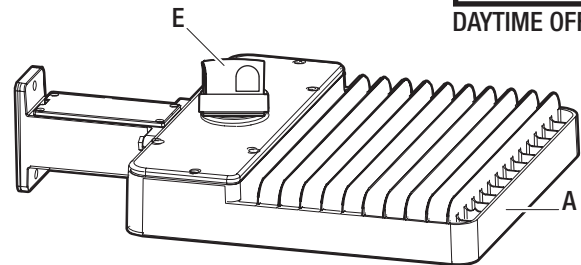
Dusk-to-dawn operation enables the light fixture to automatically turn ON when dark outside and turn OFF when the sun rises, thus saving you energy.

- To enable dusk-to-dawn operation make sure the photocell (E) is exposed to light 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.

AUTOMATIC  
NIGHTTIME ON



DAYTIME OFF



**IMPORTANT:** To test if the light fixture (A) and photocell (E) 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.

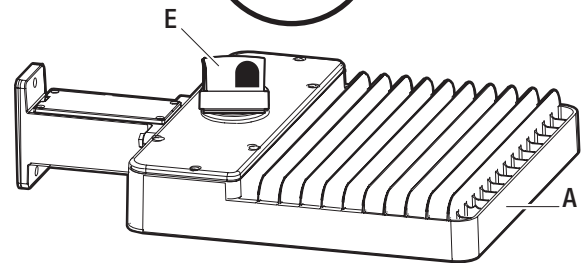
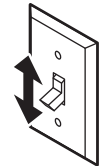
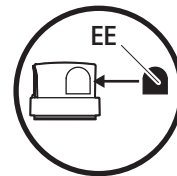


**NOTE:** If the photocell (E) is located in an area under heavy shade the photocell may not detect enough light and may turn the light fixture on.

### Option 2: Switch-Activated

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 put the black cover label (EE) on the photocell (E).



## 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 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 an unsuitable dimmer switch.	Replace the dimmer 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 up to one minute. 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 label 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 up to a minute, then the sensor may be faulty. Please contact customer service.



**NOTE:** Photocell (E) has a short delay in order to reduce its sensitivity to sudden light changes. When testing, shine a light and cover the photocell for up to a minute to check if the fixture functions properly.



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**

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Retain this manual for future use.