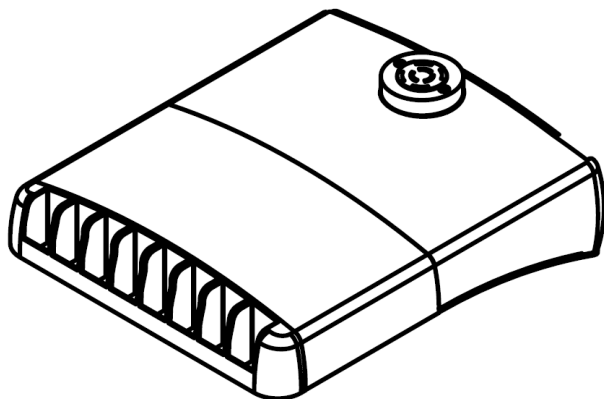


# SYLVANIA Luminaires

## Installation Guide – AREA LIGHT



- Energy savings up to 68%
- Slim design with multiple mounting and distribution options
- Robust fixture with IP66 and 3G Vibration ratings

For warranty coverage, please register at [www.sylvania.com/warrantyregistration](http://www.sylvania.com/warrantyregistration).

### **⚠ WARNING**

#### **PLEASE READ ALL INSTRUCTIONS BEFORE ATTEMPTING INSTALLATION**

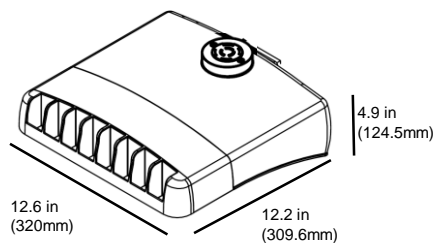
- TO PREVENT PERSONAL INJURY OR PRODUCT DAMAGE ONLY LICENSED ELECTRICIANS SHOULD PROVIDE ALL INSTALLATION SERVICES.
- TO AVOID ELECTRIC SHOCK OR COMPONENT DAMAGE DISCONNECT POWER BEFORE ATTEMPTING INSTALLATION OR SERVICING.
- THIS PRODUCT MUST BE INSTALLED IN ACCORDANCE WITH THE NATIONAL ELECTRIC CODE (NEC) AND ALL APPLICABLE FEDERAL, STATE AND LOCAL ELECTRIC CODES AND SAFETY STANDARDS.
- PRODUCT MOUNTING HEIGHT TO BE NO LESS THAN 12FT FROM THE GROUND,
- LUMINAIRE TO BE MOUNTED FACE DOWN.
- USE CAUTION WHEN HANDLING THIS PRODUCT DURING OR AFTER OPERATION AS IT MAY BECOME HOT AND CAUSE BURNS. DISCONNECT PRODUCT AND ALLOW COOLING PRIOR TO SERVICING.
- ANY ALTERATION OR MODIFICATION OF THIS PRODUCT IS EXPRESSLY FORBIDDEN AS IT MAY CAUSE SERIOUS PERSONAL INJURY, DEATH, PROPERTY DAMAGE AND/OR PRODUCT MALFUNCTION.
- TO PREVENT PRODUCT MALFUNCTION AND / OR ELECTRICAL SHOCK THIS PRODUCT MUST BE PROPERLY GROUNDING.
- THIS LUMINAIRE IS DESIGNED TO OPERATE IN AMBIENT TEMPERATURES RANGING FROM -40°F TO +104°F (-40°C TO +40°C).

## SAFETY PRECAUTIONS:

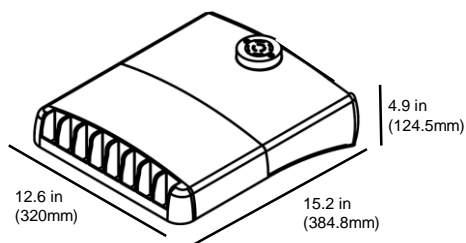
**IMPORTANT: READ CAREFULLY BEFORE INSTALLING THE FIXTURE. RETAIN FOR FUTURE REFERENCE.**

**GENERAL:** Upon receipt of the fixture, thoroughly inspect for any freight damage which should be brought to the attention of the delivery carrier.

**70W**



**110, 145W**



## INSTALLATION:

### Slip Fitter Mounting (Compatible with 2 1/8 – 2 3/8 Tenon):

1. Mount fixture to slip fitter accessory. (see Figure 1)
2. Feed the power cable through the middle hole and connect the power leads with the included wire nuts as seen below. Black to Black(Hot), White to White(Neutral), Green to Green(Ground).
3. Align with the top of the pole with the slip fitter mount. (see Figure 2)
4. Tighten the screws on the slip fitter, ensuring secure grip to pole.

### Wall Mounting using Slip Fitter Mount:

1. Mount fixture to slip fitter accessory. (see Figure 1)
2. Align with the top of tenon mount with the slip fitter mount. (see Figure 3)
3. Feed the power cable through the middle hole and connect the power leads with the included wire nuts as seen below. Black to Black(Hot), White to White(Neutral), Green to Green(Ground).
4. Tighten the screws on the slip fitter, ensuring secure grip to pole.

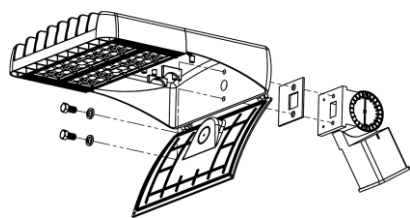


Figure 1

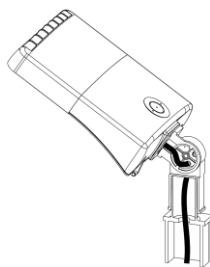


Figure 2

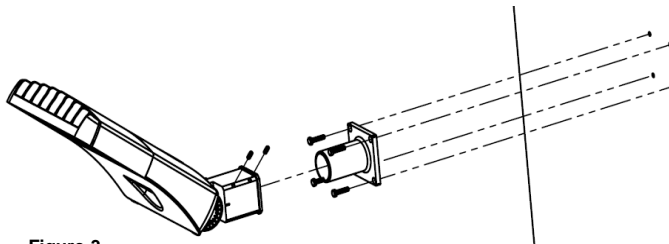
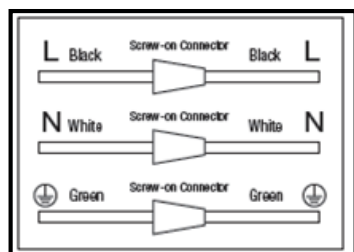


Figure 3



Wiring Diagram

## INSTALLATION :

### Pole Mounting (Compatible with minimum of 4" pole):

1. Mount fixture to pole mount accessory. (see Figure 1)
2. Remove the pole mounting arm cover and gasket. (see Figure 2)
3. Feed the included bolts, lock washers and flat washers through the mounting arm holes.
4. Align with the holes in the pole and thread through the plate on the inside of the pole.
5. Tighten the bolts using a hex head ratchet.
6. Feed the power cable through the middle hole (see Figure 3) and connect the power leads with the included wire nuts as seen below. Black to Black(Hot), White to White(Neutral), Green to Green(Ground).
7. Replace the gasket and mounting arm cover with the supplied screws. (see Figure 4)

### Wall Mounting using Pole Mount (Compatible with minimum of 4" pole):

1. Mount fixture to pole mount accessory. (see Figure 1)
2. Mount to wall mount accessory (see Figure 4)
3. Remove the pole mounting arm cover and gasket. (see Figure 2)
4. Feed the power cable through the middle hole (see Figure 3) and connect the power leads with the included wire nuts as seen below. Black to Black(Hot), White to White(Neutral), Green to Green(Ground).
5. Replace the gasket and mounting arm cover with the supplied screws. (see Figure 4)
6. Mount to wall.

### Round Pole Mounting using Pole Mount (Compatible with minimum of 4" pole):

1. Mount fixture to pole mount accessory. (see Figure 1)
2. Mount to Round Pole Mount accessory. (see Figure 5)
3. Remove the pole mounting arm cover and gasket. (see Figure 2)
4. Feed the included bolts, lock washers and flat washers through the mounting arm holes.
5. Align with the holes in the pole and thread through the plate on the inside of the pole.
6. Tighten the bolts using a hex head ratchet.
7. Feed the power cable through the middle hole (see Figure 3) and connect the power leads with the included wire nuts as seen below. Black to Black(Hot), White to White(Neutral), Green to Green(Ground).
8. Replace the gasket and mounting arm cover with the supplied screws. (see Figure 4)

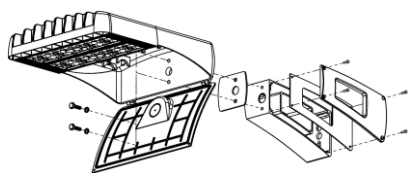


Figure 1

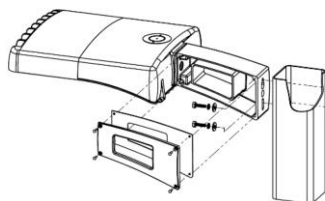


Figure 2

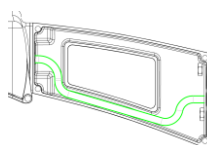


Figure 3

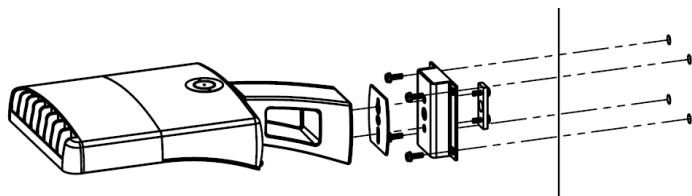
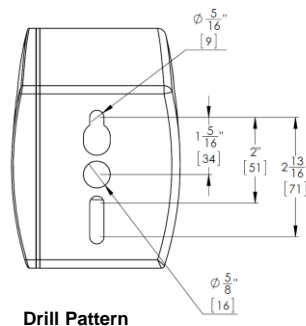


Figure 4

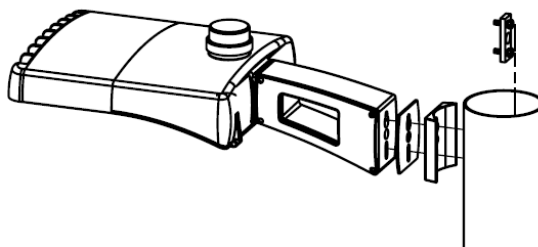
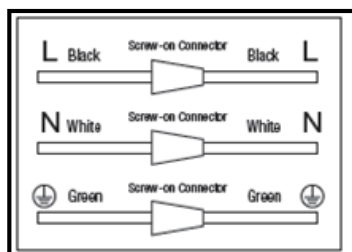


Figure 5

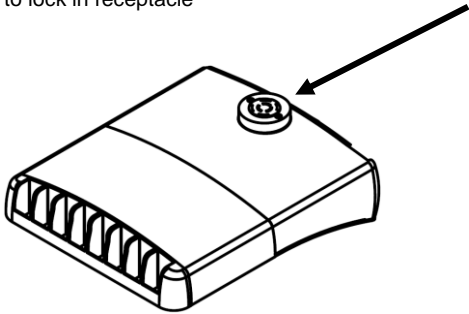


Wiring Diagram

## ADDING A SENSOR (provided by others):

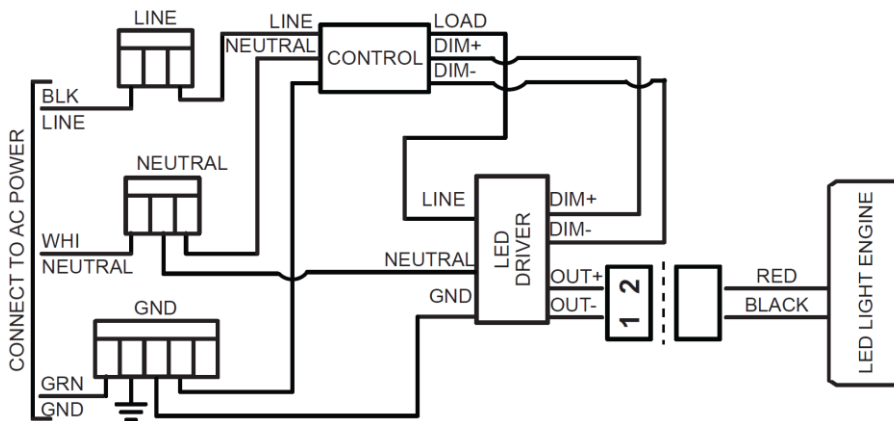
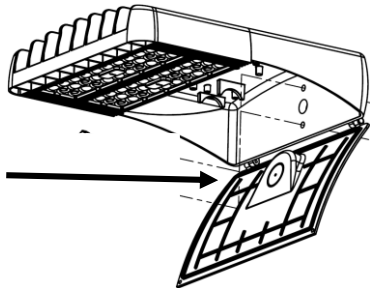
### Adding a Twistlock Photocell

1. Remove shorting cap from top of fixture (shown below with cap removed).
2. Insert twist lock photocell (compatible with 3 pin or 5 pin)
3. Twist to lock in receptacle



### Adding a Motion Sensor

1. Drill  $\frac{1}{2}$ " hole on bottom of fixture.
2. Add motion sensor through knockout. Sensor lens should be installed on the outside of the fixture.
3. Install per sensor instructions to ensure watertight seal.
4. Connect wires per the wiring diagram below.



## CLEANING AND MAINTENANCE

- To maintain the fixture efficacy occasional cleaning of the outer lens surface may be needed.
- Use a mild soap or detergent, which is essentially neutral pH (pH approximately 6 to 8), nonabrasive, and which contains no chlorinated or aromatic hydrocarbons.
- Wash thoroughly, using a soft cloth.
- Rinse with clean, cold water and wipe dry.

## TROUBLE SHOOTING CHECKLIST: If luminaire does not work

- Check your power source.
- Check electrical connections.
- If photosensor is not working (luminaire remains on during the day) refer to photosensor manufacturer for trouble shooting steps