

SYLVANIA Luminaires

Installation Guide - SLIM WALL PACK



The Wall Pack luminaires are environmentally preferable LED alternatives to traditional HID or Incandescent luminaires, offering up to 80% in energy savings. Ideal in place of traditional luminaires, or as new installations, the Wall Pack series is offered in three wattages/lumen packages for illuminating building exteriors, outdoor corridors, walkways, and stairwells.

For warranty coverage, please register at www.sylvania.com/warrantyregistration.

⚠ WARNING

PLEASE READ ALL INSTRUCTIONS BEFORE ATTEMPTING INSTALLATION

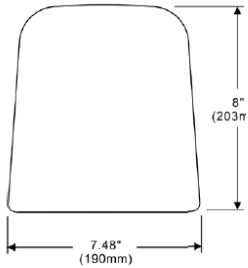
- TO PREVENT PERSONAL INJURY OR PRODUCT DAMAGE ONLY LICENSED ELECTRICIANS SHOULD PROVIDE ALL INSTALLATION SERVICES.
- TO AVOID ELECTRIC SHOCK OR COMPONENT DAMAGE DISCONNECT POWER BEFORE ATTEMPTING INSTALLATION OR SERVICING.
- THIS PRODUCT MUST BE INSTALLED IN ACCORDANCE WITH THE NATIONAL ELECTRIC CODE (NEC) AND ALL APPLICABLE FEDERAL, STATE AND LOCAL ELECTRIC CODES AND SAFETY STANDARDS.
- 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 GROUNDED.
- THIS LUMINAIRE IS TO BE WALL MOUNTED ONLY.
- 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.

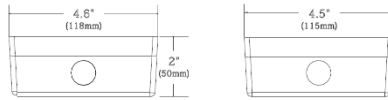
Front View



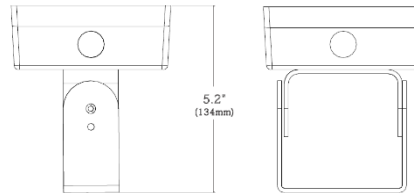
Side View



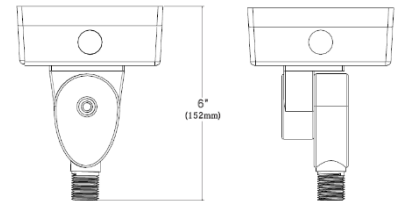
Junction Box



Junction Box with Trunnion Mount



Junction Box with Knuckle Mount



INSTALLATION:

Note: If you are adding an accessory please see instruction on page 3 before attempting the installation instructions below.

1. Remove the rear mounting plate by loosening the two tamper proof set screws from bottom of the plate. (See Fig. 1)

Direct mounting to junction box:

2. Fasten the mounting plate to a recessed outlet or other mounting surface. Use the integrated bubble level to ensure that the plate is level. (See Fig. 1)
3. Connect the incoming electrical wires to the set of power wires black to black (hot), white to white (neutral) and green to green (ground). (See Wiring Diagram) Push the splices into the junction box.
4. Align the fixture against the mounting plate and retighten the set screws to secure the fixture in place. (See Fig. 2)
5. For potentially wet locations, caulk between the rear housing and the mounting surface to prevent water from entering the fixture from behind.
6. Installation is now complete. Turn on the power at circuit breaker or fuse box then turn the light switch to power the fixture.

Wall-mounted wiring box with conduit feed:

2. Attach the wiring box (provided by others) to the desired location using the bolt holes provided.
3. Remove the threaded plug(s) and route electrical conduit to the holes desired. Feed the branch circuit wires through the conduit into the wiring box.
4. Fasten the mounting plate to the mounting box. Use the integrated bubble level to ensure that the plate is level. (See Fig. 1)
5. Connect the incoming electrical wires to the set of power wires black to black (hot), white to white (neutral) and green to green (ground). (See Wiring Diagram) Push the splices into the junction box.
6. Align the fixture against the mounting plate and retighten the set screws to secure the fixture in place. (See Fig. 2)
7. For potentially wet locations, caulk between the rear housing and the mounting surface to prevent water from entering the fixture from behind.
8. Installation is now complete. Turn on the power at circuit breaker or fuse box then turn the light switch to power the fixture.

Figure 1

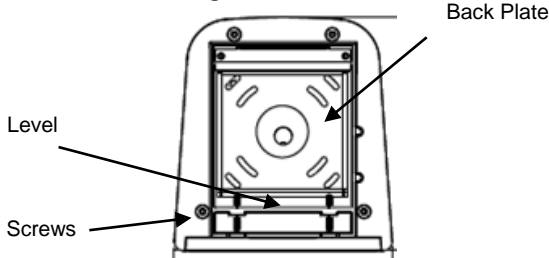
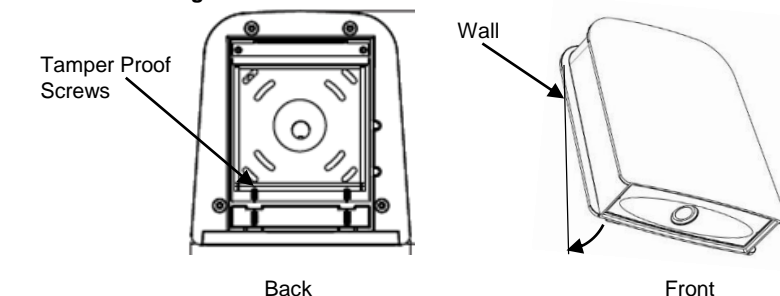
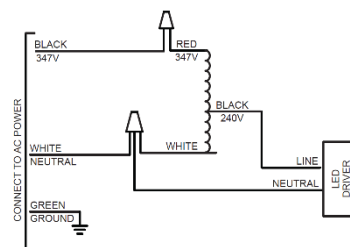


Figure 2



Wiring Diagram



INSTALLING MOUNTING ACCESSORIES (SOLD SEPARATELY):

Adding a Junction Box (Sold Separately)

- Before beginning the installation instructions (on page 2), align and install the junction box (See Fig. 3) to the surface where the Slim Wall Pack is being installed and pull through wiring.
- On back of luminaire, loosen tamper proof set screws and remove the back plate. (See Fig. 2)
- Proceed with step 3 (on page 2) in direct mounting to junction box.

Junction Box

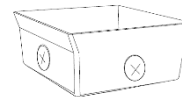
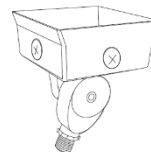


Figure 3

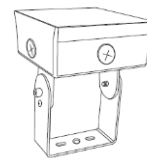
Adding a Junction Box with Knuckle Mount (Sold Separately)

- Before beginning the installation instructions (on page 2), using allen wrench remove screw
- Remove secure ring (See Fig. 4) from 1/2" screw on knuckle B and insert knuckle B into
- Pull wires from electrical box through the knuckle B and gasket (that was saved aside).
- Insert the wires through knuckle A to make electrical connection in junction box.
- Tighten allen screw to secure and adjust the knuckle into desired position.
- Pull through wiring.
- Remove back plate to luminaire and proceed with step 3 (on page 2), in direct mounting to junction box.



Adding a Junction Box with Trunnion Mount (Sold Separately)

- Before beginning the installation instructions (on page 2), remove back plate. (See Fig. 1)
- Make electrical connection through appropriate knock out. (See Fig. 5) Connect the incoming electrical wires to the set of power wires black to black (hot), white to white (neutral) and green to green (ground). (See Wiring Diagram)
- To secure junction box to back of Slim Wall Pack, place the junction box where the back plate was removed and tighten tamper proof set screws. (See Fig. 2)
- Align trunnion holes (See Fig. 5) to surface and mount.
- To adjust the aiming angle of the trunnion, loosen bolts (See Fig. 5) on both sides of trunnion mount and adjust to desired angle. Tighten bolts to secure trunnion in desired position.
- Proceed with step 5 (on page 2), in direct mounting to junction box.



INTEGRAL PHOTOCONTROL (Optional)

This fixture may be shipped with an optional integral 120V photocontrol. This does not change the installation above - the photocontrol is pre-wired.

ADDING A PHOTOCONTROL (Optional)

Adding an ON/OFF Relay/Switch – Cut the wire between the LINE and the LOAD connector. Connect.

TROUBLE SHOOTING CHECKLIST: If luminaire does not work

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.