

SYLVANIA Luminaires

Installation Guide - HIGH BAY



The High Bay luminaires are environmentally preferable LED alternatives to traditional HID luminaires, offering up to 67% in energy savings. Ideal in place of traditional luminaires, or as new installations, the High Bay series is offered in two wattages/lumen packages for use in warehouses, manufacturing facilities, big-box retail, gymnasiums, and loading docks.

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

⚠ WARNING

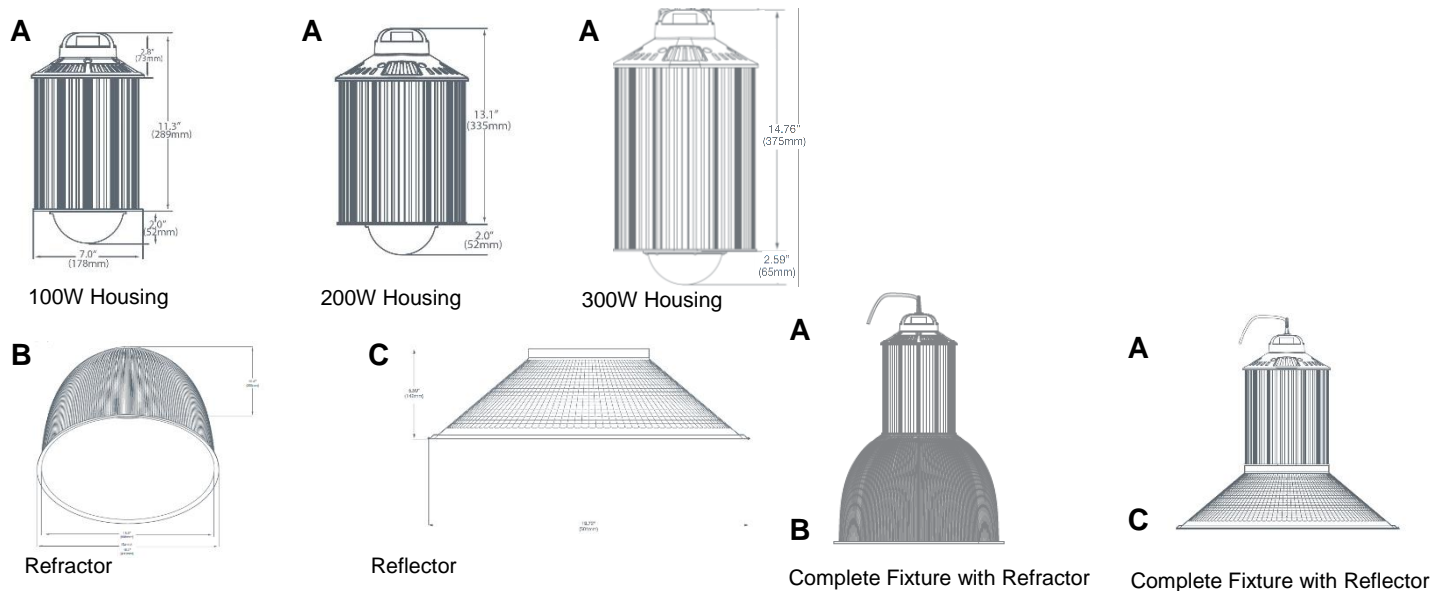
PLEASE READ ALL INSTRUCTIONS BEFORE ATTEMPTING INSTALLATION

- 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 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.



INSTALLATION:

1. Remove housing (A) along with hardware bag from packaging.
2. Remove refractor (B)/reflector (C) from packaging.
3. Attach the housing to refractor/reflector by using 3 screws (from hardware bag). (See Fig. 1)
4. Attach hook (from hardware bag) into threaded opening in the top of the housing. (See Fig. 2)
5. Hook high bay fixture to eyelet or chain (provided by others).
6. Secure the set screw on hook by tightening. (See Fig. 3)
7. Attach safety cable (provided by others) through hole in top of housing. (See Fig. 4)
8. 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)
9. Installation is now complete. Turn on the power at circuit breaker or fuse box then turn the light switch to power the fixture.

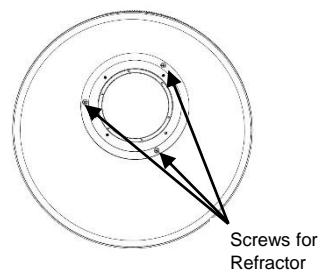


Figure 1

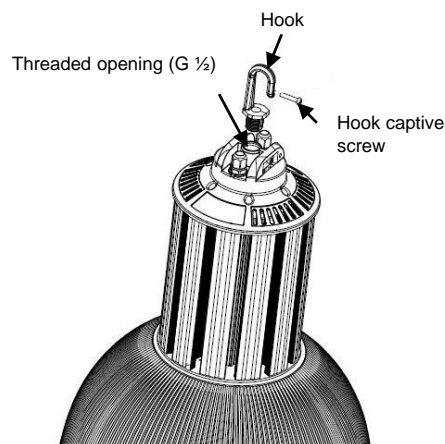


Figure 2

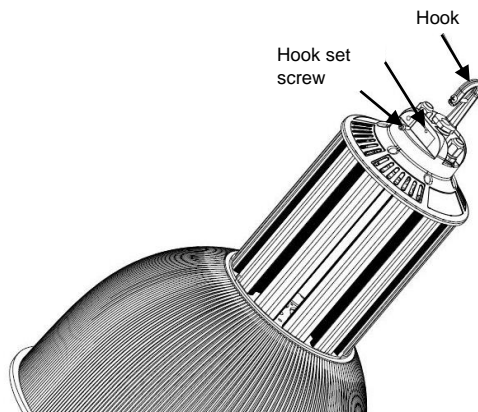


Figure 3

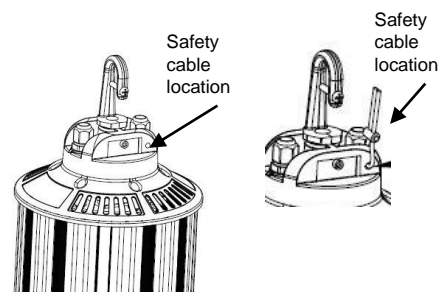
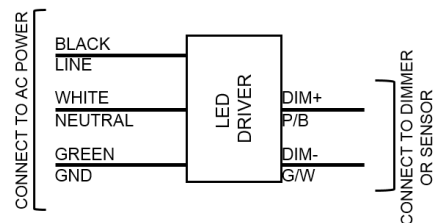


Figure 4



Wiring Diagram

ADDING A BOTTOM LENS (Sold separately):

1. Remove bottom lens and clamp screw from packaging
2. Place lens over opening of refractor and place clamp over lens and refractor rim. Place screw through hole in clamp and tighten clamp to secure. (See Fig. 6)

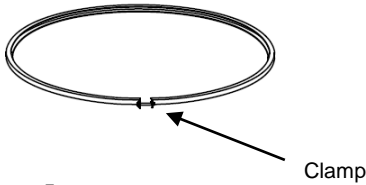


Figure 5

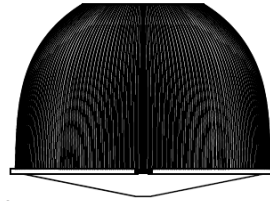


Figure 6

ADDING A SENSOR OR WALL DIMMER (provided by others):

This fixture is compatible with 0-10V output dimming controls. Using the 0-10V dimming the light output will range from 10% - 100%. To get to 0% light output (OFF) it is necessary to disconnect the input power from the LED drivers. This can easily be done by inserting a relay/switch between the line and load connectors inside the fixture. Connect dimmer or wall switch to dimming inputs on driver. (See Wiring Diagram 1)

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.