

AEROSCAPE LED WALL SCONCE

IMPORTANT:

Read carefully before installing. All work should be performed by a qualified Electrician. These instructions may not provide directions to cover every variation and detail. To obtain additional information, consult your vendor or contact the factory directly for assistance before attempting anything with uncertainty. Improper installation and/or utilization may void manufacturer's warranty.

This luminaire must be installed and grounded in accordance with these instructions, all local codes and the NATIONAL ELECTRIC CODE. Failure to do so may result in serious personal injury, death and/or property loss/damage from electrocution or fire. LED luminaires should be operated on grounded systems only.

Do not install in boxed-in areas or areas that may entrap heat. Not for use in recessed applications

Ungrounded power distribution systems may carry high transient voltages which can cause failure of any type electrical equipment. Use of this equipment on ungrounded systems will VOID THE WARRANTY.

GENERAL:

Upon receipt, inspect for any freight damage, which should be brought to the attention of the delivering carrier. Factory packaging has been tested and approved for delivery by carrier. The warranty does not apply to damage caused by the carrier. Compare the catalog description listed on the packing slip with the label on the carton to assure you have received the correct material.

These LED wall sconce luminaires are intended for outdoor applications and ETL/cETL listed for wet locations and -30 to 40°C ambient.

LARGE ASW ASSEMBLY



SMALL ASW ASSEMBLY



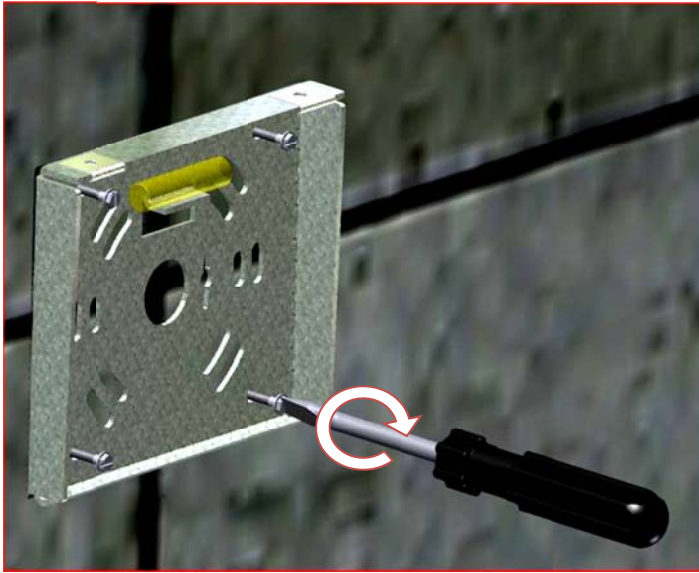
Direct mounting



Indirect mounting

MOUNTING INSTRUCTIONS

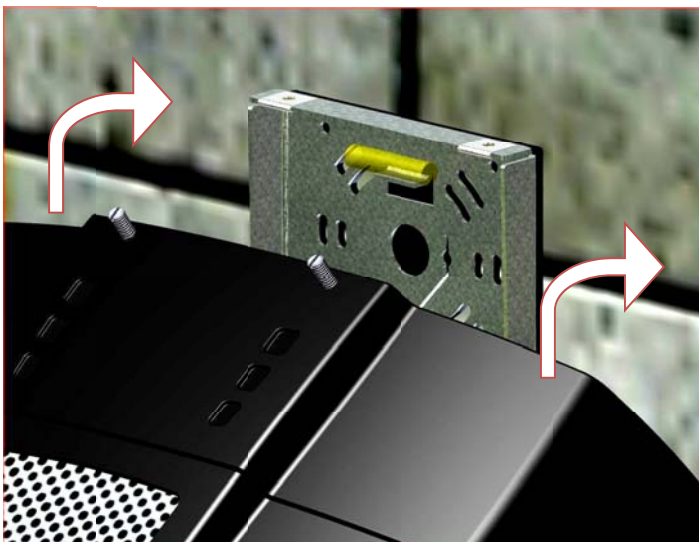
-MOUNTING ASSEMBLY-



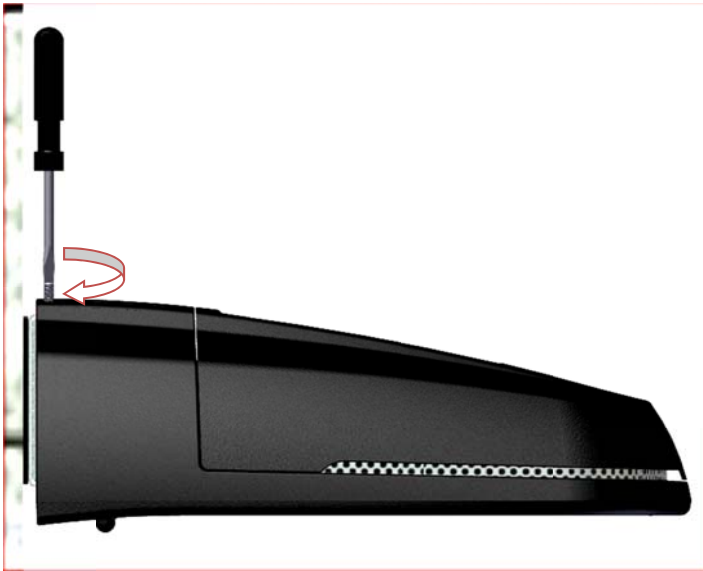
1. Remove the wall mount bracket from its packaging. With gasket facing the wall, loosely attach wall mount bracket using appropriate anchors. Before tightening anchors, use integral bubble level to level box.
2. Apply silicone caulking in seams between wall and the wall mount bracket on top and both sides. **DO NOT PLACE CAULK ON BOTTOM SEAM.**



3. Lift fixture up and insert end of "Hands Free" cable into keyhole slot in the wall mount bracket. The fixture will now hang freely allowing you to use both hands for wiring.



4. Reference standard wiring under the Wiring Instruction section for fixture wiring **See Figure 1**. Wire luminaire in accordance with all electrical and safety codes and ordinances, as well as the most recent National Electric Code.
5. Once wiring is complete, lift luminaire and locate foothold into wall mount bracket. Tilt fixture towards mounting bolt ensuring all wires are tucked inside wall mount bracket.



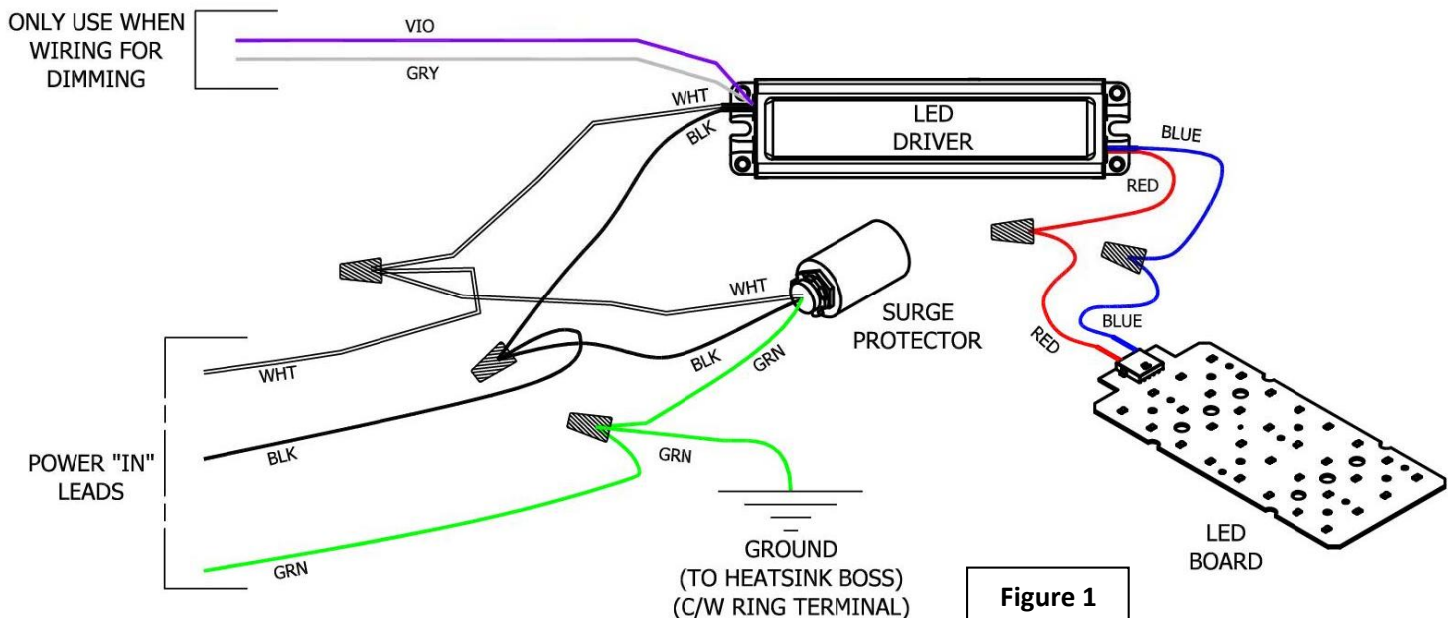
6. Holding fixture in place tighten mounting set screw down. Torque mounting screws to 50-55 in-lb.

WIRING INSTRUCTIONS

WARNING: WIRING SHOULD BE PERFORMED IN ACCORDANCE WITH ACCEPTED NEC PRACTICES BY A QUALIFIED ELECTRICIAN. VERIFY THAT THE SUPPLY VOLTAGE MATCHES THAT SHOWN ON THE LUMINAIRE NAMEPLATE. LUMINAIRE PROVIDED WITH 'UNV' OR '-8' VOLTAGE CODE ARE VOLTAGE SENSING AND WILL OPERATE ON 120-277 VAC SUPPLY VOLTAGE. PROPER GROUNDING IS REQUIRED TO INSURE PERSONAL, PUBLIC, AND PROPERTY SAFETY. CONNECT THE GREEN OR BARE COPPER LUMINAIRE GROUND LEAD TO A SUITABLE GROUND CONNECTOR.

-STANDARD WIRING-

Luminaire will come with 3 flying leads for supply connections with an additional 2 leads for dimming operation (optional), and also an additional 2 leads for 120V emergency battery back-up system (optional). Make all supply connections (**USE MIN 90°C SUPPLY WIRE**). Refer to lighting plans to determine if the optional violet and gray 0-10VDC dimming leads are to be wired to control device. Individually capping off violet and gray leads will provide constant 100% power operation. Individually cap off any other unused leads.



CLEANING AND MAINTENANCE

CAUTION: Never perform maintenance while luminaire is energized or still hot from operation as this could result in electrocution, injury or death.

Your luminaire is designed for years of trouble-free operation. It will occasionally be necessary to clean the lens assembly to maintain optimal light level. The frequency of cleaning will depend on the ambient dirt level. The lens assembly should be cleaned with any suitable non-abrasive cleaning solution, soap or detergent and rinsed with clean water.

The supplied LED driver is thermally protected. If necessary, the luminaire will dim and/or shut down if temperature limit is exceeded. If the luminaire shuts off, determine the cause, correct the condition, and cycle power to restore output.

Should you require a new LED board, due to outages covered by warranty, please contact the vendor for a replacement LED board.

Should you require a new driver, please refer to the driver replacement instructions below.

CAUTION: It is strongly recommended that mounting/fastening means be checked and retorqued, and that the integrity of all electrical connections be verified at regular intervals such as when performing routine maintenance, cleaning, etc.

-DRIVER REPLACEMENT-

If you determine that your luminaire outage is due to a non-operational LED driver, you will need to replace the LED driver with a driver approved by Philips engineering. For a new driver, contact your vendor for a replacement and following the steps below:

CAUTION: These are HIGH VOLTAGE drivers and should only be serviced by a qualified electrician. Make sure to DISCONNECT THE LUMINAIRE FROM POWER AND ALLOW TO COOL BEFORE SERVICING. Failure to do so can result in electrocution, injury or death.



Figure 2

1. Remove the (4) door retaining screws that secure the door assembly to the main housing. See Figure 2

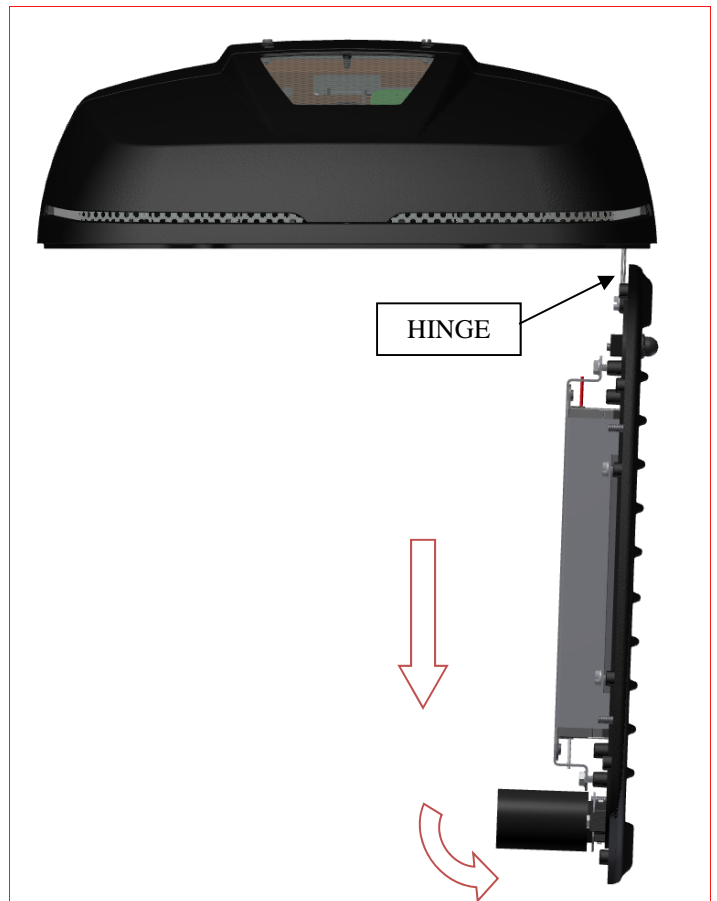


Figure 3a

AEROSCAPE LED WALL SCONCE

2. Allow door to slide down on hinge, then swing to open.
See Figure 3a
3. Disconnect all of the wires connected to the LED driver.



Figure 3b

4. To remove the driver door assembly, pinch the driver door hinge together to unlock from hinge bracket. **See Figure 3b**
5. Remove the four (4) screws holding the driver bracket to release the driver, from the lens frame. **See Figure 4a and Figure 4b**



Figure 4a

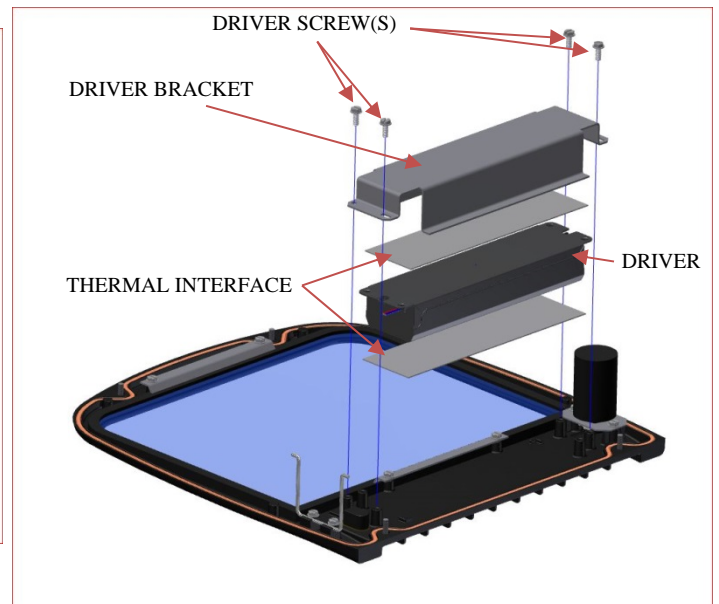


Figure 4b

6. Remove the thermal interface material off of the old driver, from the top and bottom.
7. Replace the old LED driver thermal interface material to new driver, from the top and bottom.
8. Place the LED driver and Bracket back onto the driver door and secure the bracket screws in place.
9. Reconnect LED driver (**See Figure 1**) to the luminaire.
10. Replace the driver door assembly and re-tighten the (4) door retaining screws. Torque to 28-36 in-lb, see Fig 2.
11. Reconnect the luminaire to power.

IMPORTANT SAFEGUARDS FOR EBB OPTION

When using electrical equipment, basic safety precautions should always be followed, including the following:

READ AND FOLLOW ALL SAFETY INSTRUCTIONS

1. The ASW-EBB uses a separate LED array for emergency mode. During emergency mode, only this LED will be illuminated.
2. The ASW-EBB must be connected to an unswitched AC power source, 120 or 277V as indicated.
3. When installing the ASW-EBB, make sure all connections are in accordance with the National Electrical Code and any local regulations.
4. To reduce the risk of electrical shock, disconnect the AC input and the inverter connector before servicing.
5. Equipment should be mounted in locations and at heights where it will not readily be subjected to tampering by unauthorized personnel.
6. The use of accessory equipment not recommended by the manufacturer may cause an unsafe condition.
7. Servicing should be performed by qualified service personnel.
8. Do not use this equipment for other than intended use.

SAVE THESE INSTRUCTIONS