

LED AREA LIGHT House Side Shield Field Installation

For best performance, House Side Shields (HSS) should be ordered with the luminaire and factory installed. If it is necessary to field install the HSS, follow these steps:

CAUTION:

Make sure all power is turned off while installing or servicing unit. Do not turn power on until fixture is completely installed. Turn power off at the circuit breaker.

1. Open the luminaire lens frame.
2. Disconnect driver from input power.
3. Remove the lens frame from the fixture. Each wire form door hinge is easily detached using the "snap-in" hinge clip shown in FIGURE 1.
4. Loosen and remove the heat sink/optical pod screws (8 for single pod luminaire, 16 for dual pod). Retain the 8-32 screws. See FIGURE 2.
5. Carefully remove the heat sink/optical pod from the door frame, rotate the pod so that LED plates are accessible.
6. Working with only one optic plate at a time, remove and retain the three screws that hold the optic plate in place. See FIGURE 3.

WARNING:

If the optic plate separates from LED board it is possible to crush individual LEDs when replacing optic plates. Care must be taken to prevent the separation of the optic plate from the LED board.

7. Carefully place the House Side Shield (HSS) over the optic plate and be sure the arrow on the HSS points in the direction of the arrow on the heat sink casting. See FIGURE 3.
8. Replace the three optic plate screws and hand tighten. See FIGURE 3.
9. Install the other HSS to the other optic plates following steps 6, 7 and 8 above. For proper functioning of the HSS there must be a shield installed on each optic plate.
10. Rotate the optic pod(s) and reassemble to the door frame. Tighten the 8-32 screws to 14-26 in.lb.
11. Reattach the door frame to the luminaire housing using the "snap-in" hinge clips.
12. Complete the wiring.
13. Close the lens frame and tighten the 10-24 lens frame screws to 28-46 in.lb. Energize the luminaire.

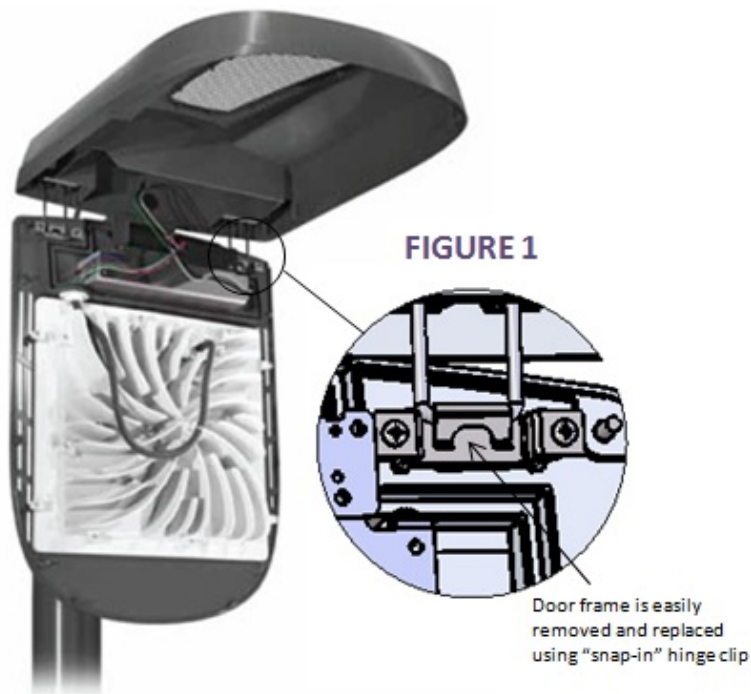


FIGURE 1

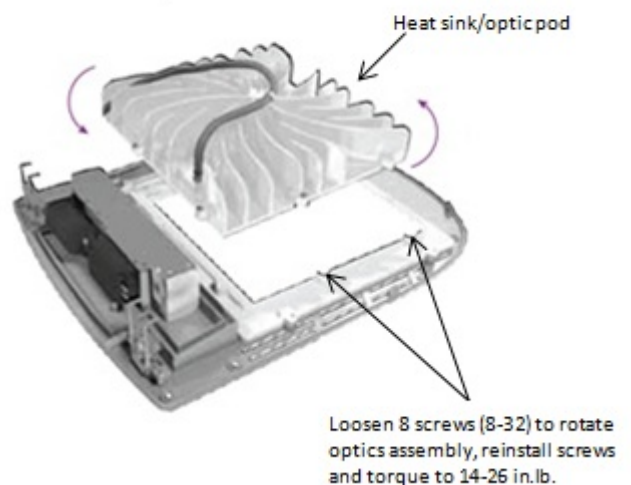
Door frame is easily removed and replaced using "snap-in" hinge clip

The LED AREA LIGHT was designed to make routine maintenance as easy as possible. All of the electrical components from the LEDGINE pod assembly to LED drivers mount directly to the door frame. There should be no need to open the door frame during installation unless the optics need to be rotated.

After opening the door frame for routine maintenance, tighten the 10-24 closure screws to 28-46 in.lbs.

FIGURE 2

The LED AREA LIGHT optical distributions can be factory set or field rotated as needed, during or after installation. Remove the LEDGINE pod assembly and rotate in 90° increments to achieve the optical distribution of choice.



Loosen 8 screws (8-32) to rotate optics assembly, reinstall screws and torque to 14-26 in.lb.

LED AREA LIGHT House Side Shield Field Installation

