

# PHILIPS LED AREA LIGHT

## 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.

## 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.

This fixture must be grounded in accordance with local codes and the NATIONAL ELECTRIC CODE. Failure to do so may result in serious personal injury. Luminaires should be operated on grounded systems only.

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. Compare the catalog description listed on the packing slip with the label on the carton to assure you have received the correct material.



## Simple and quick installation

The LED AREA LIGHT is ready to install straight out of the box. The arm and splice compartment are pre-installed at the factory to help reduce installation time. Remove the arm's cover and install to a round or square pole in just a few simple steps



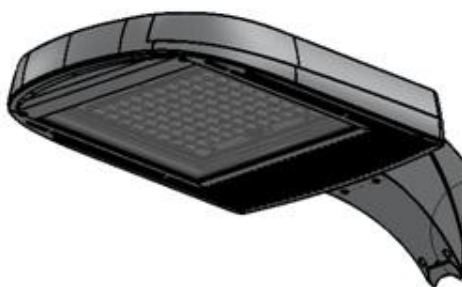
1. Remove the luminaire from the box, and you are ready for installation.



2. Remove the arm cover and secure the fixture to the pole with the supplied two bolts, washers and back-up plate. Torque the 1/2-13 bolts to 45-65 ft.lb. (Upswept Arm shown)

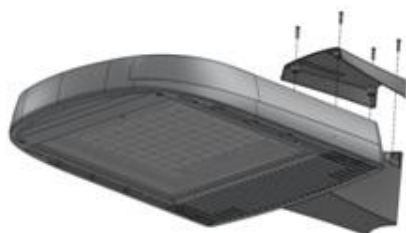
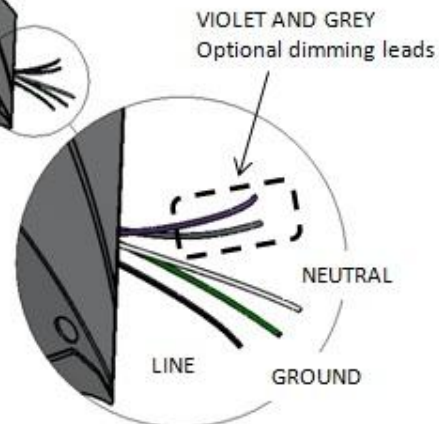


3. Secure the cover arm with provided 8-32 screws. Torque screws to 14-26 in.lb.



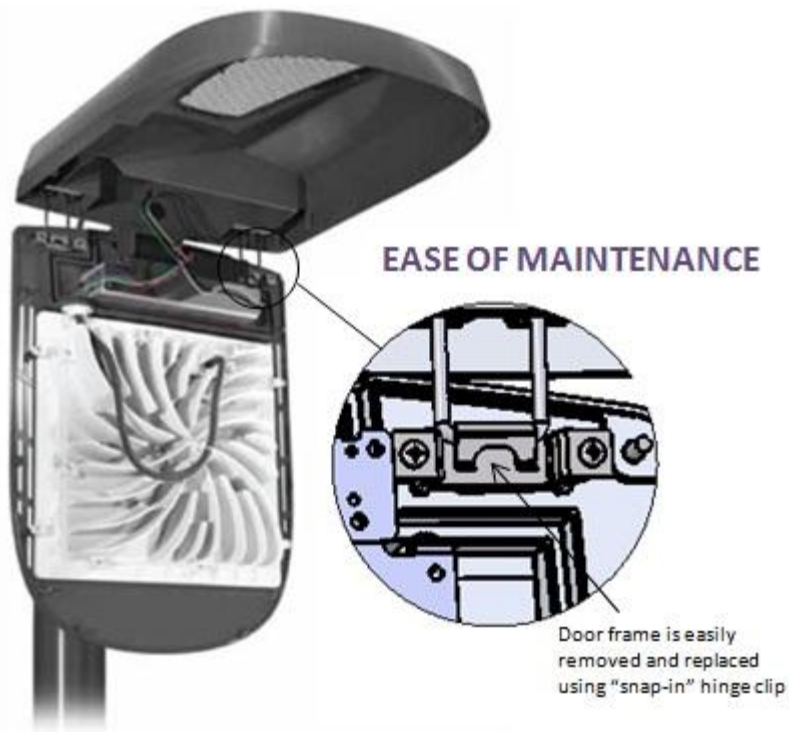
4. Make splice connections with wet location wire nuts (by others). Cap off unused leads.

**Single pod, small LED AREA LIGHT with Upswept Arm shown**



LED AREA LIGHT with Straight Arm  
remove cover from top.

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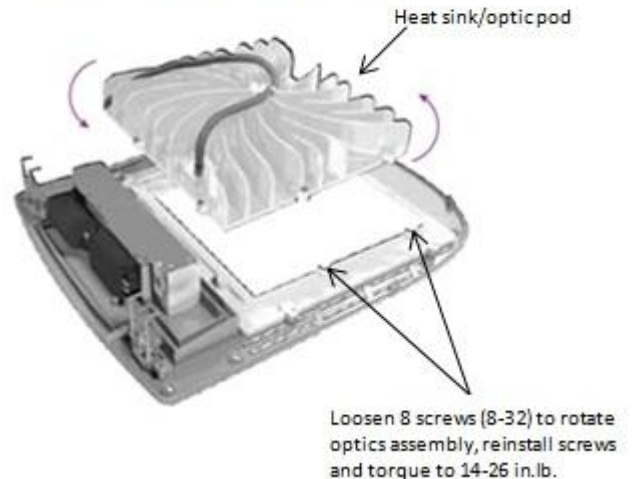


The LED AREA LIGHT was designed to make routine maintenance as easy as possible. All of the electrical components from the LEDGINE pod assembly to LED drivers mount directly to the door frame. There should be no need to open the door frame during installation unless the optics need to be rotated.

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

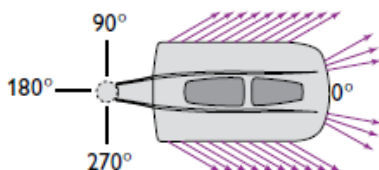
## Rotatable Optics

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.

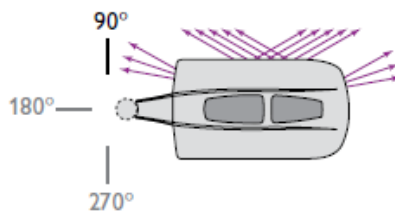


## Rotatable optics

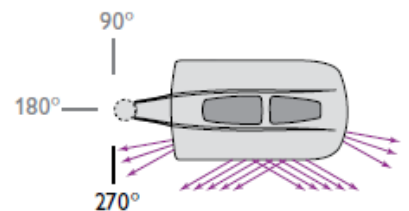
Type 2L0, 3L0, and 4L0



Type 2L90, 3L90, and 4L90

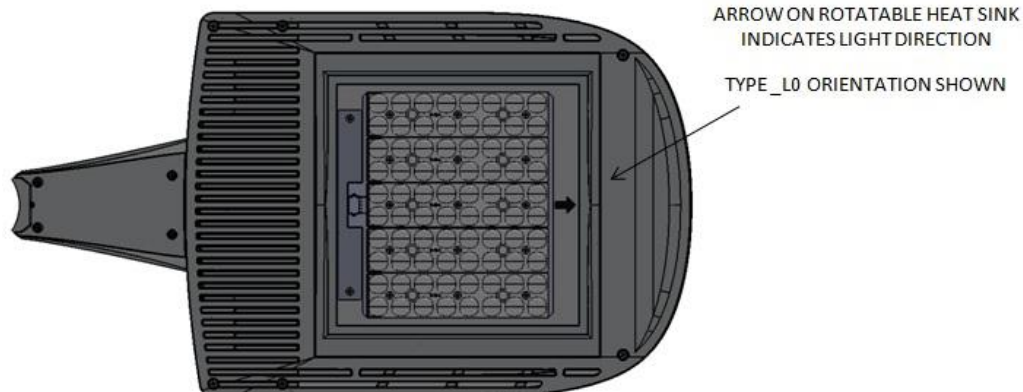


Type 2L270, 3L270, and 4L270



Notes:

- 1) 90° is typical used for single unit perimeter installation
- 2) Twin perimeter units typically require one 90° and one 270° optic.



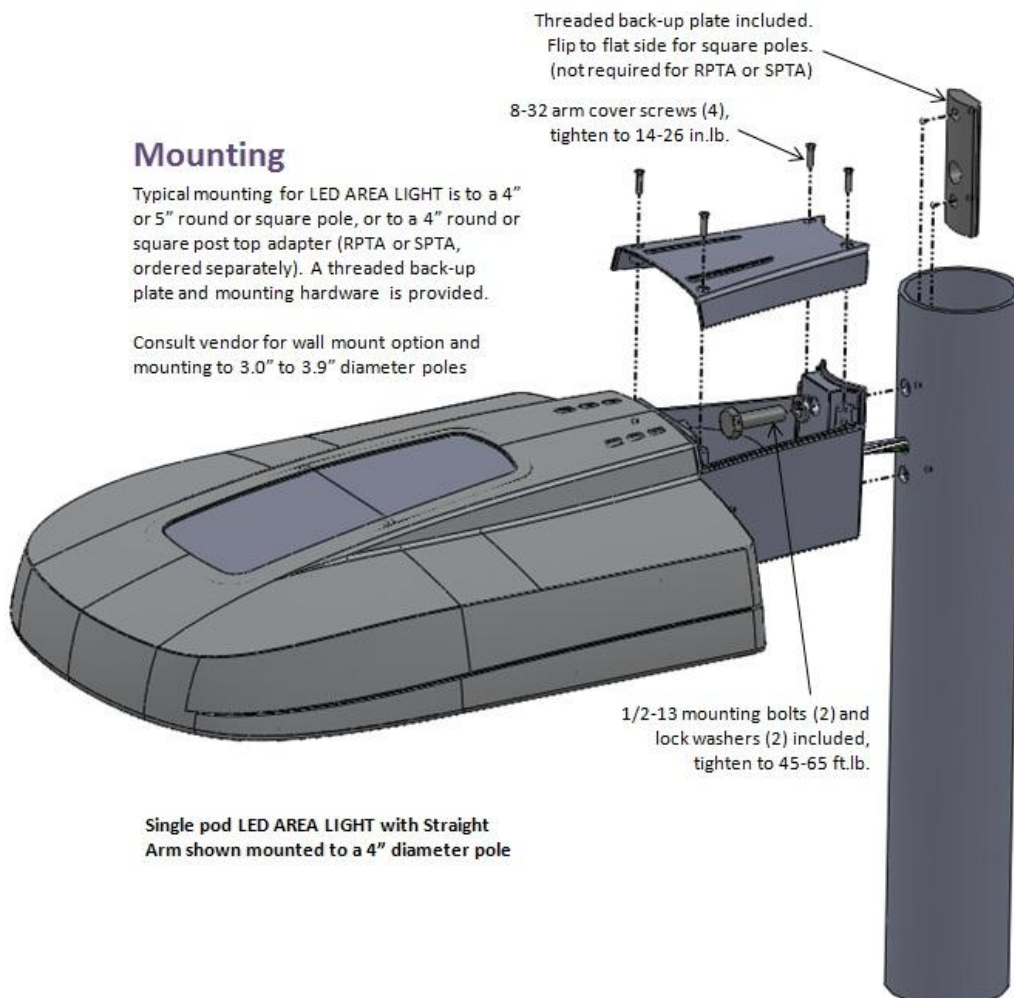


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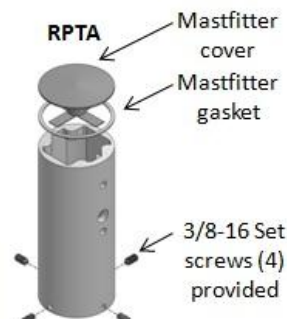
## Mounting

Typical mounting for LED AREA LIGHT is to a 4" or 5" round or square pole, or to a 4" round or square post top adapter (RPTA or SPTA, ordered separately). A threaded back-up plate and mounting hardware is provided.

Consult vendor for wall mount option and mounting to 3.0" to 3.9" diameter poles



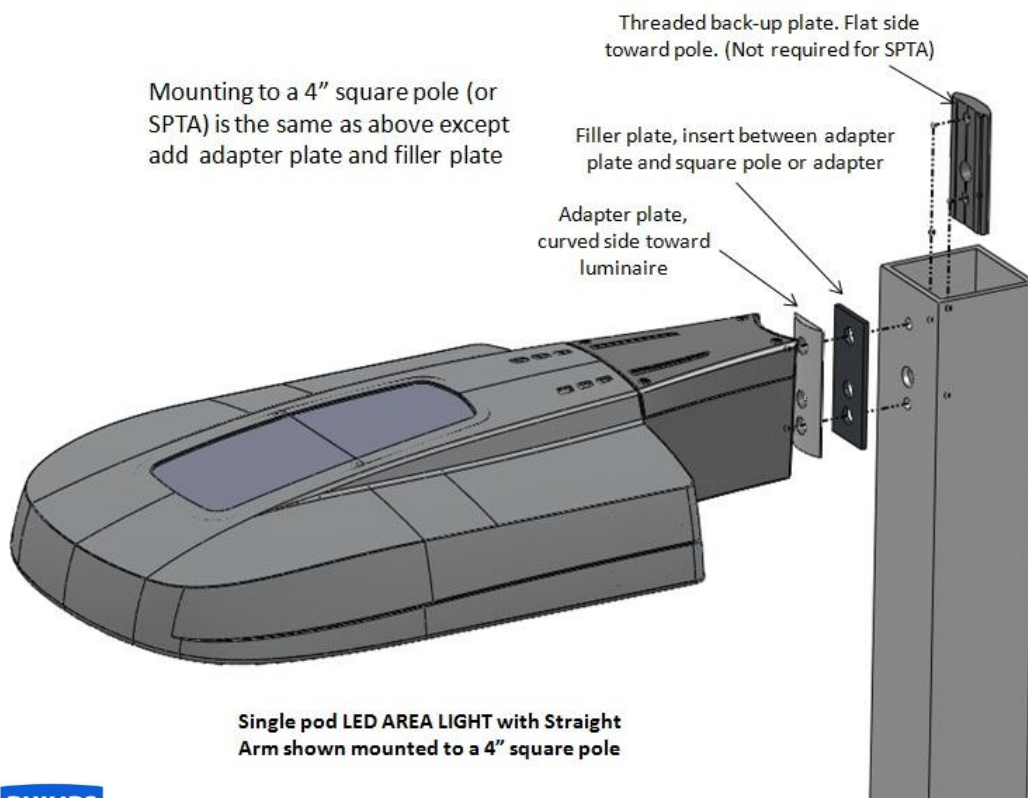
Single pod LED AREA LIGHT with Straight Arm shown mounted to a 4" diameter pole



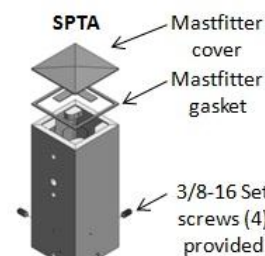
Filler plate, adapter plate, threaded back-up plate, 1/2-13 bolts and lock washers are packaged inside the arm. DISCARD THE FILLER PLATE AND ADAPTER PLATE WHEN MOUNTING TO 4" TO 5" ROUND POLES



Mounting to a 4" square pole (or SPTA) is the same as above except add adapter plate and filler plate



Single pod LED AREA LIGHT with Straight Arm shown mounted to a 4" square pole



### IMPORTANT

FOR BOTH THE ROUND AND SQUARE POST TOP ADAPTER MASTFITTERS:

To prevent any chance of rotation, one set screw must be removed from the mastfitter after the assembly is attached to the tenon/pole and this hole position must be partially drilled (1/4" drill bit) to allow the set screw point to penetrate the tenon/pole wall. After drilling, replace the set screw and tighten all four set screws to 19 ft.lbs

