

# INSTALLATION INSTRUCTIONS FOR 12v SL-17-LEDP & SL-30-LEDP BRICK LIGHTS

INSPECTED BY:

**NOTE: To prevent electrical shock, disconnect transformer from electrical supply before installation or service.**

The optimum operating voltage range for the SL-17-LEDP & SL-30-LEDP models is 10 - 15 volts AC. The LED operates at the intended lumen output in this range for balanced brightness from first to last fixture. The total voltage range is 9 - 18 volts however lumen output can vary outside of the optimum voltage range of 10 - 15 volts and operating above 15 volts will shorten LED life and void warranty..

## FOR EXISTING WALLS, STEPS AND WOOD DECKS:

**1a.** Using fixture or included template, mark center point of two mounting holes. Next, mark center point of 1" thru hole (for LED Driver and lead wire to feed through wall or step to main cable) by measuring 1" to the left side of the right mounting hole.

**2a.** Where center point of 1" thru hole for lead wire is marked, core drill a 1" hole through surface. Go to Step 3 below.

## FOR NEW MASONRY, CONCRETE OR STUCCO WALLS & STEPS:

**1b.** Determine placement fixture and using standard masonry procedures install 1" conduit or PVC pipe at location where center point of thru hole (for LED Driver and lead wire to feed through wall or step to main cable) will be located. Conduit or pipe to extend all the way through structure so lead wires can exit through the back side of structure.

**2b.** Pour concrete using standard masonry procedures. Go to Step 3 below.

**NOTE:** If you are not sure of fixture location or would rather core drill the hole, simply complete new masonry, concrete or stucco project then go to Step 1a above for existing walls, steps and wood decks.

**3.** Using a 3/16 drill bit, drill 1" deep holes where the two mounting holes are marked. Install supplied plastic wall anchors for brick, block, stone or concrete by gently tapping the open end with a hammer until anchor is flush with surface. (This is not required for wood applications.)

**4.** Using UL approved gel filled wire nuts, connect two lead wires from fixture to the lead wires from LED Driver, Red to Red and Black to Black. Feed LED Driver, wire nuts and lead wires through 1" hole until fixture is flush with surface.

**NOTE:** LED Driver is fully potted for direct burial use and does not have to be inside wall. It can be buried behind wall or other location. Max distance from LED Driver to LED panel is 18 feet.

**5.** Remove adhesive backing from gasket and install gasket around edge of fixture, adhesive side to the fixture.

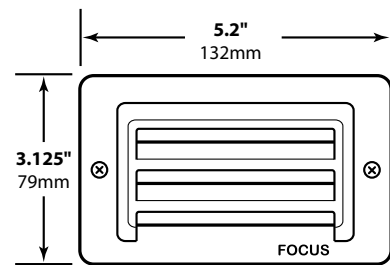
**6.** Secure fixture to wall with two mounting screws provided with fixture.

**7.** Connect 18/2 black wire from LED Driver to main 14/2, 12/2, 10/2 or 8/2 cable using approved gel filled direct burial wire nuts.

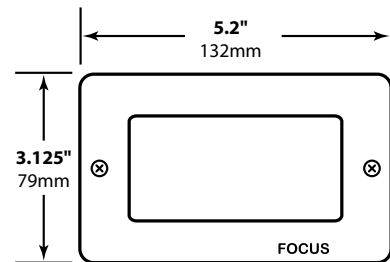
**8.** Provide 12v power to fixture and check for proper operation.

**NO BACK BOX OR BRACKETS REQUIRED.**  
**Flat Panel LED brick light mounts**  
**directly to surface.**

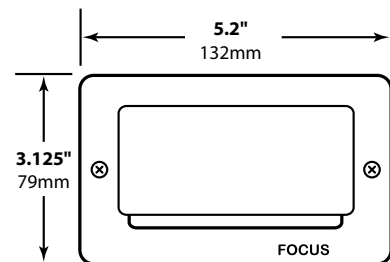
Mounting Holes on all models are 4.5" on center



SL-17-LEDP



SL-17-ALLEDP



SL-30-LEDP

# SL-17-LEDP / SL-17-ALLEDP / SL-30-LEDP MOUNTING TEMPLATE

Note: Make sure printer is set at 100% Scale  
for template to print at proper size.

