



The Leader in Electro-Optics Technology

LED GREEN Technology

a subsidiary company of LITEON<sup>®</sup>

# LED Outdoor Luminaires 110-240 and 277Vac SLN Series

## *Installation Guide*



This procedure is designed as an installation aid. Skilled trades people that are familiar with general construction and electrical installation techniques should perform the installation. Licensed electricians should provide electrical installation connections. Installations and connections should be done in accordance with all national and local codes and permits. In no way is this document intended to construe warranty or fitness of use of the products described, nor is it intended to provide safety instruction for those installing the product.



### **WARNING**

**Before proceeding with installation or service maintenance of this product:**

- Disconnect power to reduce electrical shock risk.
- Review the entire Installation Guide.
- Inspect this properly packaged product for any damage that may have occurred during transit.
- Verify product application complies with manufacturer design recommendations.
- Verify the availability of necessary tools and incidental material.
- Verify applicable code requirements. Field assembly and installation are subject to acceptance by local inspection authority.
- Appropriate safety equipment to be determined by end user, per applicable safety standards and precautions.

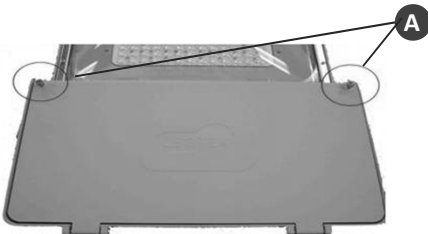


Fig. 1

**Step 1** - Loosen the two screws **A** and open the housing cover.

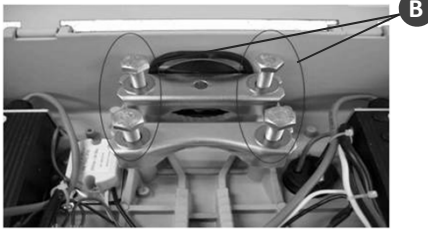


Fig. 2

**Step 2** - Loosen the four slip-fitter bracket bolts **B** and insert the mounting arm. The maximum outside diameter for the mounting arm is 2-3/8" (60.3mm). The minimum outside diameter for the mounting arm is 1-3/4" (44.45mm).

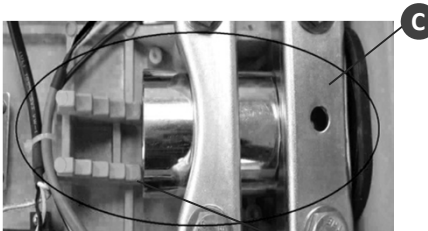


Fig. 3a - No Tilt

**Step 3** - Place the mounting arm through the slip-fitter bracket **C**, stopping at the appropriate step to achieve required tilt, then securely tighten the bolts. Stopping at the first step **D** provides no tilt. Stopping at the last step **E** provides maximum tilt.



**E** Fig. 3b - Maximum Tilt



Fig. 4

**Step 4** - Pull the conductor cable through the mounting arm to the interior of the luminaire enclosure, then through the cable strain relief bracket **F**. Tighten the screws on the cable strain relief bracket to ensure cable is secured.

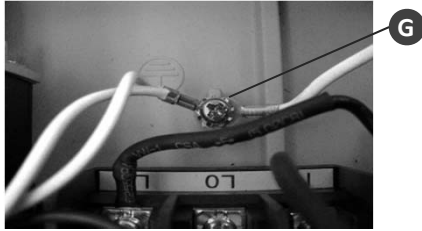


Fig. 5

**Step 5** - Connect the green conductor to the chassis ground **G** (shown to the right of the terminal block).



Fig. 6

**Step 6** - Connect the white conductor to the input terminal marked "N" **H** (shown on terminal block at far right).



Fig. 7

**Step 7** - Connect the black conductor to the input terminal marked "L1" **I** (shown on terminal block at far left).



Fig. 8

**Step 8** - Close the housing cover and securely tighten the two screws **K**.



Fig. 9

**Step 9** - If luminaire is furnished with photocontrol receptacle, install the photocontrol **L** or shorting cap.