

# LCW-3G LED INSTALLATION INSTRUCTIONS



## BEFORE YOU BEGIN

Read and follow all safety instructions



## WARNING

### RISK OF FIRE, EXPLOSION AND ELECTRIC SHOCK

- This product should be installed, inspected, and maintained by a qualified electrician only, in accordance with the NEC (National Electric Code) and all local codes.
- Turn off electrical power before inspection, installation or removal.
- Use only UL (or other NRTL) approved wire for input/output connections.
- Make sure LEDs and drivers are cool to touch when performing maintenance. Make sure the supply voltage is the same as the rated voltage of the luminaire.
- Do not install in a hazardous atmosphere, except where the ambient temperature does not exceed the rated operating temperature of the fixture.
- Keep tightly closed when in operation



### Electrical Requirements

Must check if the local voltage range is correspond with the working voltage of the fixture. Use min. 75°C supply.



### Grounding Instructions

The grounding and bonding of the overall system shall be done in accordance with NEC Article 600 and local codes.



### Weather-Proof Caulking

Apply a continuous bead of weather-proof caulking between mounting base and mounting surface to ensure weather-tight integrity of electrical components.

Additional caulking should be applied anywhere around the assembling joints when necessary.



Follow all applicable safety procedures and use Personal Protective Equipment such as hardhats, safety glasses, reflective vest, electrical safety gloves, fall protection equipment and safety toe boots during the installation, operation, and maintenance of the luminaire.

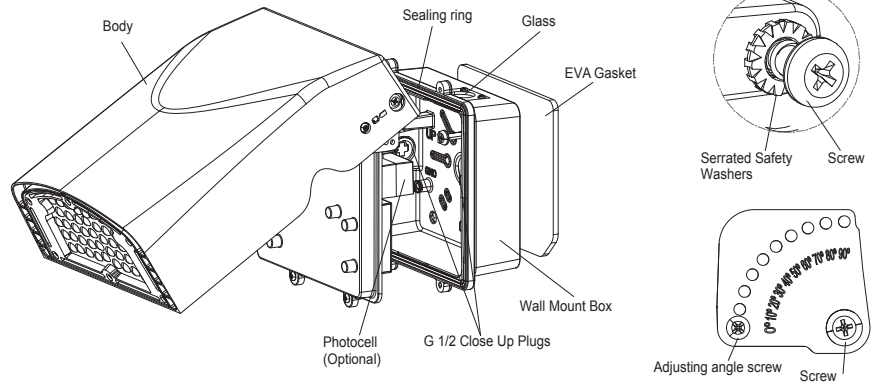
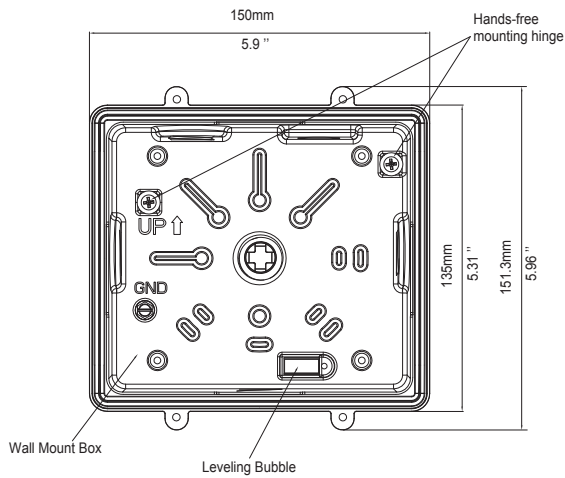
**\* Any damage caused from improper installation will void warranty and not be accepted for RGA (Return Goods Authorization). Improper installation includes but not limited to field-drilled hole(s), improper gasket/silicone used and any damage caused during installation.**



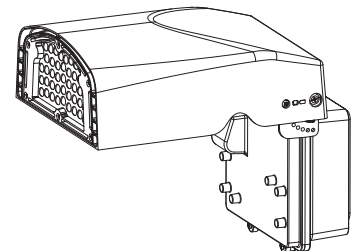
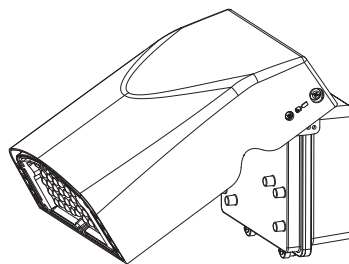
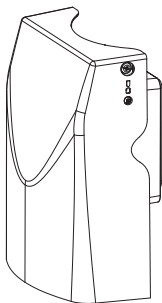
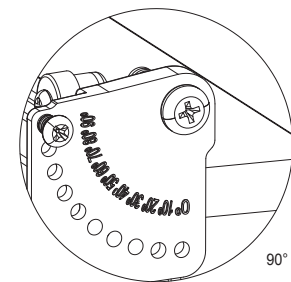
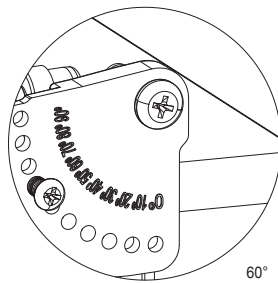
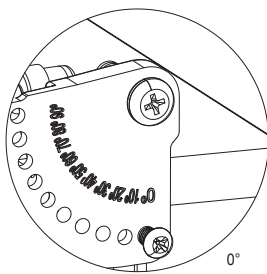
- Apply a continuous bead of weather-proof caulking between mounting base and mounting surface to seal the installation. Additional caulking should be applied anywhere around the assembling joint when necessary.
- Any compartments including driver box must maintain closed and tightened, if opened during installation.



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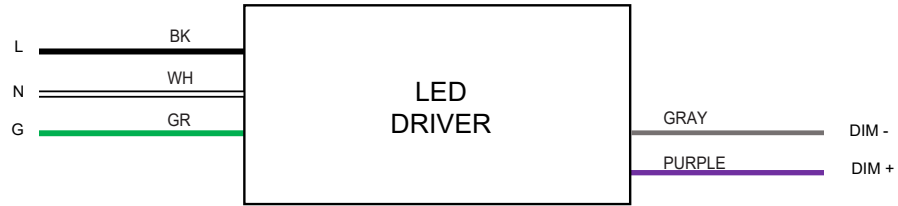


1. Open the back box by loosening the screws.
2. Check and remove only necessary gasket where the back box will be mounted.
3. Knock-out the back box necessary for mounting purposes.
4. Mount the back box to j-box securely, hardware by others.
5. Make wire connection.
6. Seal the back box to housing by pushing the front of the housing while tightening the screw.  
Make sure the screw is fully flushed and seated in the housing.  
Ensure the wirings remain inside the back box and not get pinched.  
\* Apply silicone to ensure watertight seal.
7. Option to adjust the angle: loose the screw to rotate the fixture to a desired angle, then tighten it back.



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## WIRING DIAGRAM



## WIRING DIAGRAM w/ photocell

