GKOLED®

Series **GKOWMG2**

WALL MOUNT

Installation Guide

⚠ WARNING

WHEN USING ELECTRICAL EQUIPMENT, BASIC SAFETY PRECAUTIONS SHOULD ALWAYS BE FOLLOWED INCLUDING THE FOLLOWING:

— Do not mount near gas or electric heaters.
— Fixture should be mounted in locations and at heights where it will not be subjected to tampering by unauthorized personnel.
— Use of accessories unauthorized by the manufacturer may compromise safe operation of the fixture.
— Do not use this fixture for any applications other than the intended use.

PLEASE READ ALL INSTRUCTIONS BEFORE ATTEMPTING INSTALLATION, INCLUDING SAFETY PRECAUTIONS. SAVE THESE INSTRUCTIONS.

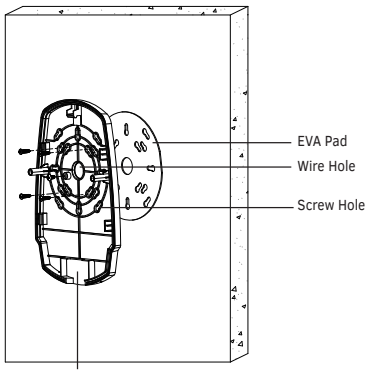
— Please read and strictly follow all safety instructions to avoid personal injury or damage to the fixture.
— Please save this instruction manual for maintenance or future reference.
— To avoid electric shock, disconnect power at the source prior to installation.
— Installation should only be performed by qualified electricians or lighting technicians.
— Before conducting any installation, maintenance, or removal of the luminaires, disable all power to the luminaires and wait until they cool down.
— Do not touch the fixture while it is in service.
— If there is any problem with the fixture, turn off power and DO NOT attempt repair unless you are a qualified technician or the customer service member.
— Please read the label information carefully to get the proper input voltage for this product.
— This luminaire is designed to operate in ambient temperatures ranging from -4˚F to 104˚F.
— This product is not suitable for several special environments, such as places with corrosive gas liquids or high pressure water vapor.
— Make sure the fixture is properly grounded.
— When mounting to an uneven wall, make sure to glue all junctions around the luminaire.
— Maximum mounting height: 12 feet.

Installation Guide

Wall Mounting - Included

1. Remove the back plate and EVA pad from the packaging.
2. Use an electric drill to drill out the wire hole and desired screw holes on the back plate (Figure 1).
3. Tear off the paper backing from the EVA pad and attach to the back of the back plate, making sure the screw hole openings on the EVA pad align with the screw holes on the back plate.
4. Use screws (not included) to attach the back plate to the wall. M4.2x32 Countersunk Phillips Dovetail Screws are recommended for this step.
5. Remove the driver box from the packaging and connect the small white battery terminal into the white interface plug (Figure 2).
6. For wiring, hang the driver box from the back plate screw using the hanging rope (Figure 3).
7. Complete the wiring as per the wiring diagram on the next page.
8. Align the driver box to the back plate and press down firmly to complete installation (Figure 4).

FIGURE 1



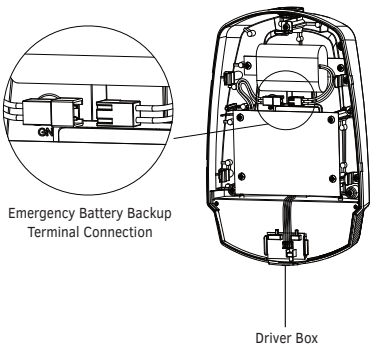
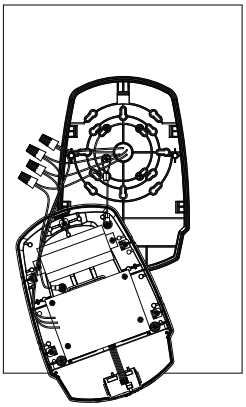
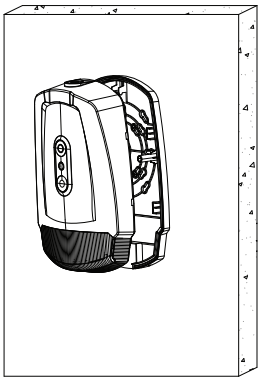


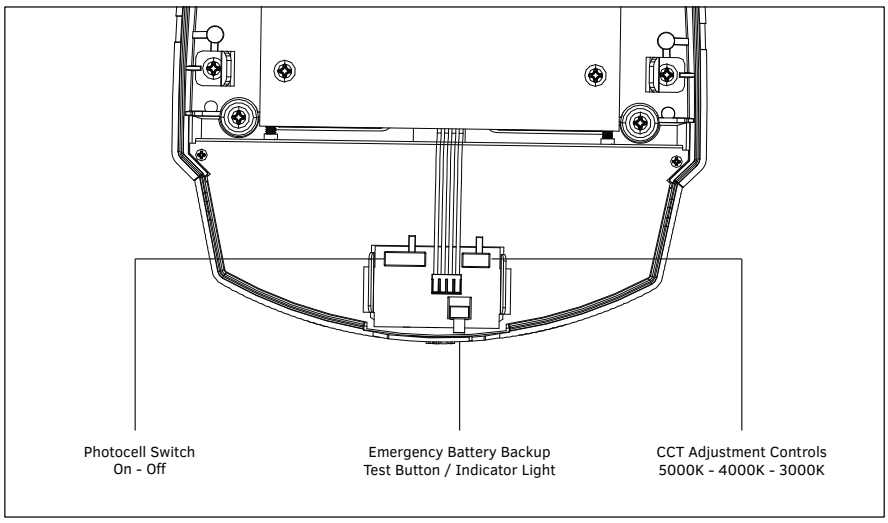
FIGURE 3





Photocell, CCT Adjustment Controls, Emergency Battery Backup - Included

All models include a photocell, CCT adjustment controls, and emergency battery backup, controlled by the indicated set of switches on the inside of the driver box. Refer to the diagram to the right for instructions.



Wiring Diagram

For dimming version, please check the wiring diagram below.

WITH EMERGENCY BATTERY

LED FIXTURES	Red	AC Line(24/7)
	Black	AC Line Switch
	White	Neutral
	Green	Ground

Emergency Battery Backup Test Switch / Troubleshooting Guide

Emergency Battery Backup Automatic Detection Cycles:

- Emergency Battery Backup Function is automatically detected every 30 days.
- Emergency Battery Backup Function is automatically detected and discharged for 90 minutes every 6 months.

The instruction manual for equipment with ELCF capability shall describe the operational mode(s) of the ELCF and describe the appropriate testing and diagnostic procedures. Where ELCF capability is dependent on signals or power received from or transmitted to other equipment, the instructions shall include identification of the other equipment, any constraints on the installation of or means of interaction with that equipment, and a description of procedures to verify that the intended interoperability is established.

Normal Mode (Normal Power Connection Status)

In this mode, the luminaire enters daily charging, standby, or automatic inspection modes. The indicator light at the bottom of the fixture reflects the operating status:

LED Indicator Status	Indication Meaning (Mode or Anomaly)	Corrective Action
Steady Green	Charging in progress (fully charged)	/
Flashing Green	Automatic inspection in progress (self inspection of circuits, battery, etc.)	/
Steady Red	Charging anomaly (fault in charger, charging circuit, or battery charging module)	1. Check if the charging cable is properly connected and undamaged. 2. Test with a charger of the same specification. 3. If the issue persists, contact customer service for maintenance (including professional inspection of internal circuits/modules).
Flashing Red	Battery anomaly (loose connection, poor contact, or faulty battery)	1. Power off the fixture and open the battery compartment to check for loose connections or reinstall the battery. 2. Reinstall the battery and power on the fixture to test. If the anomaly persists, contact customer service to replace the battery,

Manual Button Test Mode

Actively trigger a test to verify the emergency function and battery endurance. The indicator light reflects the test results;

LED Indicator Status	Indication Meaning (Mode or Anomaly)	Corrective Action
Flashing Green	Test normal (battery power activated)	/
Steady Red	Charging anomaly (fault in charger, charging circuit, or battery charging module)	Refer to the **Normal Mode - Steady Red** corrective action process for inspection or contact customer service
Alternating Red-Green Flashing	Low emergency battery power (insufficient reserve power)	/

IMPORTANT:

Disconnect power to the fixture before disassembling the battery or inspecting circuits. Non-professionals must not disassemble internal circuit modules to prevent electric shock or equipment damage.