

Gold Control Module (GCM UE)



Installation Guide



1.1 Line Voltage Wiring

Step 1. Turn power off at the service panel.

Step 2. Connect the device to the circuit as shown in the wiring diagram below.

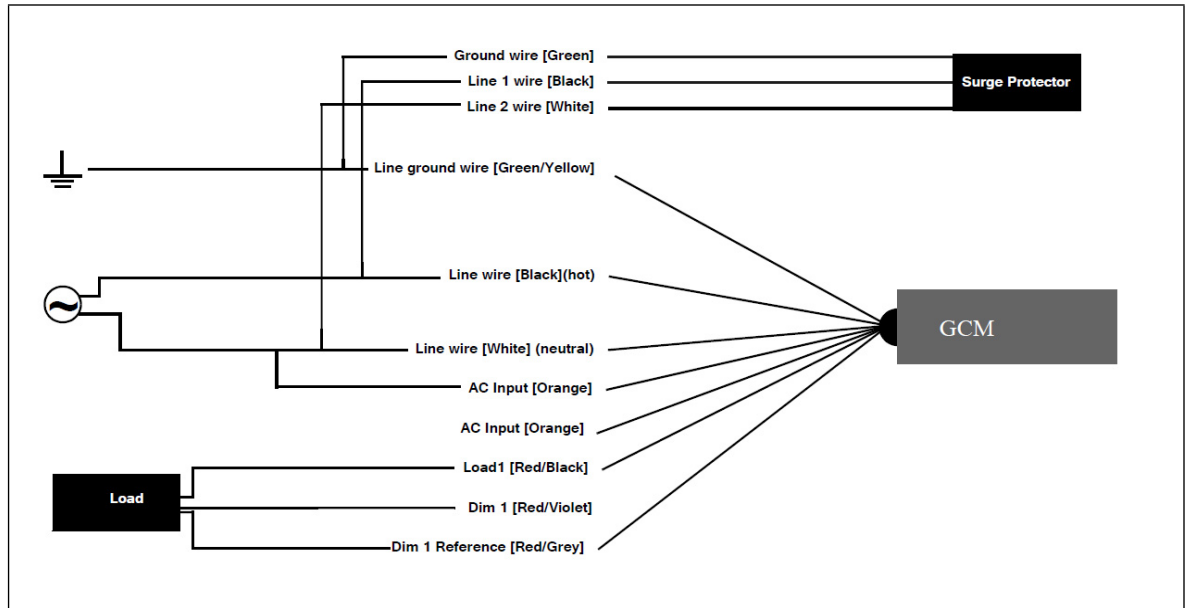


Figure 1: GCM Wiring Guide

Power Wiring Connections

UE (120-277VAC)

1. Connect ground wires (Green, or green/yellow striped)
2. Connect line 1 to black line 1 wire
3. Connect line neutral (or hot line 2) to white wire
4. Connect load line wire (hot) to the black/red wire
5. Connect sensor output 1 wire to Control Signal orange wire (optional)
6. Connect driver Dim 1 wire to the Dim 1 violet/red wire
7. Connect driver Dim reference wire to the Dim 1 reference grey/red wire

1.2 Mounting

- Step 1. Use appropriate hardware to mount the controller to the intended fixture or pole.
- Step 2. Weather seal any joints as appropriate.
- Step 3. Antenna should always be vertically aligned



Figure 2: Controller Mounting

Note: Make sure that the coax cable is not supporting the weight of the controller.

Note: A worksheet is included in your shipment to map controllers and sensors to corresponding poles or GPS coordinates.

- Step 4. Drill ¼" dia. holes for the antenna and tether in the pole cap. Attach tether to pole cap.
- Step 5. Screw antenna on finger tight.
- Step 6. Attach tether cable to the controller
- Step 7. Push pole cap onto pole.
- Step 8. Adhere 1 of 2 controller labels included in shipping to backside of handhole cover. Adhere matching label to commissioning map.
- Step 9. Restore power at service panel.
- Step 10. Perform system setup and/or programming activities as applicable in accordance with the instructions of the system programming device (Gold Site Manager).



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