

# LMU1 Undershelf/Cabinet LED Fixture

## INSTALLATION INSTRUCTIONS

### WARNING



- This product must be installed in accordance with the applicable installation code by a person familiar with the construction and operation of the product and the hazards involved.
- To prevent death, injury or damage to property this product must be installed in accordance to National Electric Code in the US or Canadian Electrical Code (CSA22.1) in Canada.
- Danger – Risk of shock – Disconnect power before installation
- Suitable for damp locations.
- Wait until the lamp(s) have cooled down before retrofitting or servicing the fixture.
- Use only certified UL wires and connectors.
- The US LED LMU1 fixture must be powered with a Listed 24VDC Class 2 power supply. Note the polarity of the power supply must be as designated below (see markings on power supply's case):



- WARNING - To prevent wiring damage or abrasion, do not expose wiring to edges of sheet metal or other sharp objects.

### FIXTURE LOCATION

1. Determine the location to install the fixture. Note that the fixture is equipped with a passive infrared (PIR) sensor that detects motion when operating in Sensor mode. The PIR sensor is located in the large end cap and requires line-of-sight to detect motion. It is therefore important to place the fixture at a location under the shelf/cabinet so that the sensor is not obscured from the space it should monitor. The sensor has a 3 to 6 feet range depending on mount height and location.

### SCREW ATTACHMENT METHOD

1. Use #6 screws to secure the fixture to its mount surface. The screw type must correspond to the surface type, for example use a wood screw of appropriate length to secure the fixture to a wooden surface.
2. Drill pilot holes into shelf or cabinet 31.1" apart. Use fixture as a template to mark the hole locations.
3. Loosely secure screw into one end cap.
4. Insert screw into other end cap.
5. Tighten both wall anchor screws.
6. Insert screw covers
7. Plug barrel connector of 24VDC Class 2 power supply into end of fixture and energize.

### MAGNET ATTACHMENT METHOD

1. Mount fixture to ferrous surface.
2. Plug barrel connector of 24VDC Class 2 power supply into end of fixture and energize.

### SWITCH OPERATION

The LMU fixture has a switch located in the large end cap with 3 modes of operation: Off, Sensor and On. These modes function as follows:  
OFF – Fixture off  
SENSOR – Fixture is on when motion is detected. Fixture turns off if no motion is detected for roughly 6 minutes.  
ON – Fixture on

