FIXTURE SENSOR INSTALLATION INSTRUCTION-EFS06R
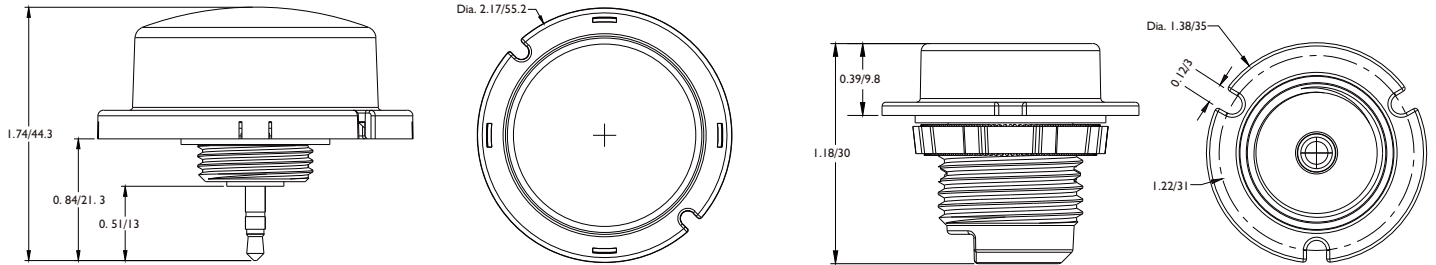
⚠ **WARNING**   TURN THE POWER OFF AT THE CIRCUIT BREAKER BEFORE INSTALLING THE SENSOR.
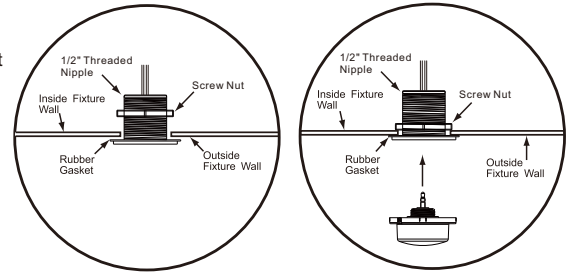MAXIMUM CURRENT IS 10mA WHEN OPERATE AT 32V DC.
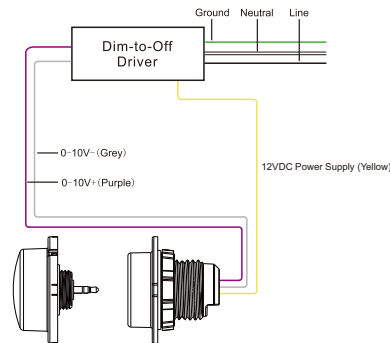
DIMENSION

Unit:inch/mm

INSTALLATION

1. Drill a hole 0.83" (21mm) in diameter through the sheet metal in the bottom of the fixture.

2. Install the sensor socket face down, parallel to the mounting surface. Ensure the rubber gasket touches the outside surface of the fixture.

3. Install the screw nut securely against the fixture to a torque of 25-30 in-lbs to ensure IP rating is maintained.

4. Connect the sensor to the socket via 3.5mm audio jack interface.

5. Connect wires as shown in below WIRING diagram.

6. Restore power from the circuit breaker.

WIRING

CONTROL MODES

TIME: 30s / 1min / 5min / 10min / 30min
DIM: 10%-100%
MODE: A, B, C, D, E
FACTORY SETTING: TIME-10 min, DIM-50%, MODE-C

This sensor controlled and programed by a remote controller.
When you are setting the Mode, Dimming level and Delay time, each time you press the button, the light will blink twice to indicate the setup succeeded. **The sensor will not respond during blink.**
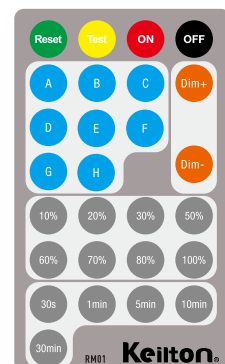
The sensor has 5 selectable modes, each of which has preset parameter settings.
Once the mode is selected, you have the ability to further customize the Dim level and Daley time settings.

TESTING

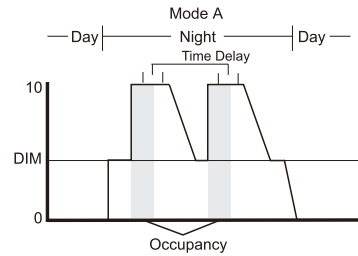To verify sensor control function normal, please proceed with the instruction as below to conduct test:

1. Push "Test" button on remote controller.

2. The light will turn to full-ON while occupancy detected.

3. The light will dim to DIM level after 5s.

4. The light will turn OFF if no occupancy detected within another 3s.

Keilton®
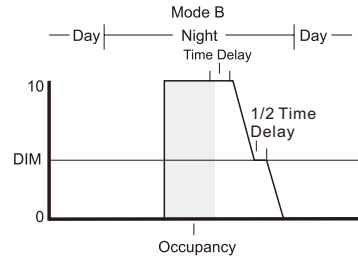
FIXTURE SENSOR INSTALLATION INSTRUCTION-EFS06R

MODE A

1. Turn OFF the light while ambient light >100 LUX.
2. Turn the light to DIM level while ambient light<100 LUX.
3. Dim the light to full-ON while occupancy detected.
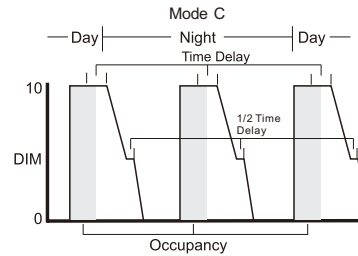4. Dim the light to DIM level after the delay time elapsed.

MODE B

1. Turn OFF the light while ambient light >100 LUX.
2. Turn the light to full-ON while ambient light <100 LUX **AND** occupancy detected.
3. Dim the light to DIM level after delay time elapsed.
4. Turn OFF the light if no occupancy detected within another 1/2 TIME.
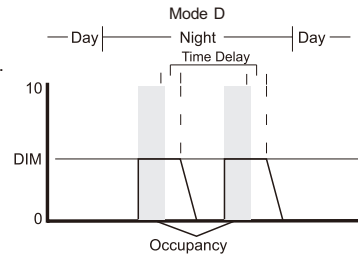
MODE C

1. Ambient light sensor is disabled
2. Turn the light to full-ON while occupancy detected.
3. Dim the light to DIM level after delay time elapsed.
4. Turn OFF the light if no occupancy detected within another 1/2 TIME.

MODE D

1. Turn OFF the light while ambient light >100 LUX.
2. Turn the light to DIM level while ambient light <100 LUX **AND** occupancy detected.
3. Turn OFF the light after delay time elapsed.

MODE E

NOTE:
This mode allows visual adjustment to choose the desired Dimming Level.

1. If Time is set at maximum, the light turns ON at DIM level.
2. If Time is set at minimum, the light turns OFF.

Keilton®