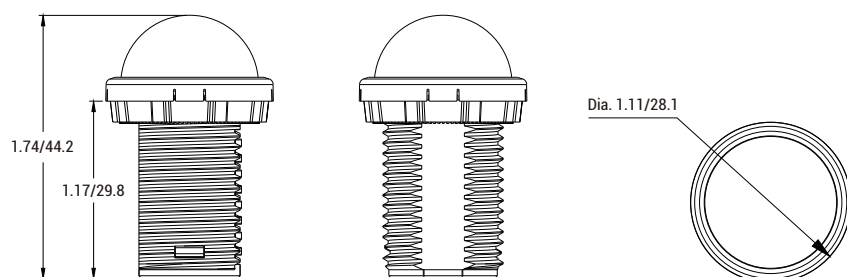


FIXTURE SENSOR INSTALLATION INSTRUCTION

Model# IFS06R-ECO

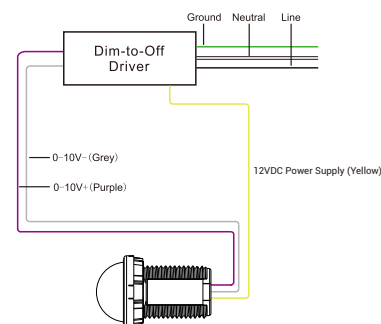
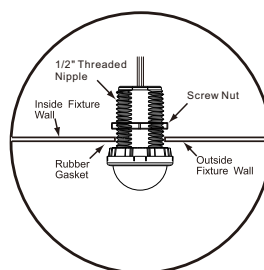
⚠ WARNING: TURN THE POWER OFF AT THE CIRCUIT BREAKER BEFORE INSTALLING THE SENSOR.

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 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 wires as shown in below WIRING diagram.
5. Restore power from the circuit breaker.



PROGRAM

TIME: 30s / 1min / 5min / 10min / 30min

DIM: 10%-100%

MODE: A, B, C, D, E

FACTORY SETTING: TIME-30s, DIM-50%, MODE-C

Model IFS06R-ECO controlled and programed by or a remote controller(Model#RM01).

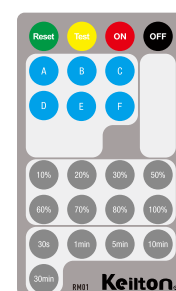
NOTE: To verify sensor control function normal, please conduct test procedure after wiring by following below instruction. Once powered on, the light will go soft on and soft off twice.

Step 1- Testing

1. Hit "**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** if no occupancy detected.
4. The light will turn OFF if no occupancy detected within another **3s**.

Step 2-Parameter Setting

1. Select desired Mode, Time and Dimming level.
2. Each time you hit the button, the light will blink twice to indicate the setup succeeded. The sensor will not respond during blink.
3. Other buttons which not show in ill.1 (see right) are not valid for this sensor.



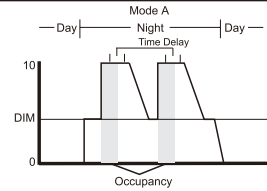
ill.1

FIXTURE SENSOR INSTALLATION INSTRUCTION

Model# IFS06R-ECO

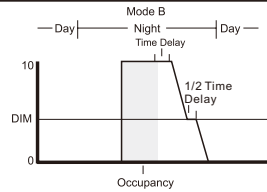
MODE A

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.



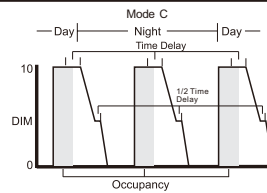
MODE B

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



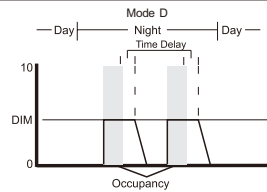
MODE C

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 the light to DIM level while ambient light <100 LUX **AND** occupancy detected.
2. 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 rotary is set at maximum, the light turns ON at DIM level.
2. If Time rotary is set at minimum, the light turns OFF.
3. Note that after turning the Time rotary to change the ON/OFF setting, the unit will not respond to further changes for 3s.

MODE F

1. Turn the light to full-ON when occupancy detected.
2. Adjust current DIM level according to the natural light level.
3. Turn OFF the light after delay time elapsed.