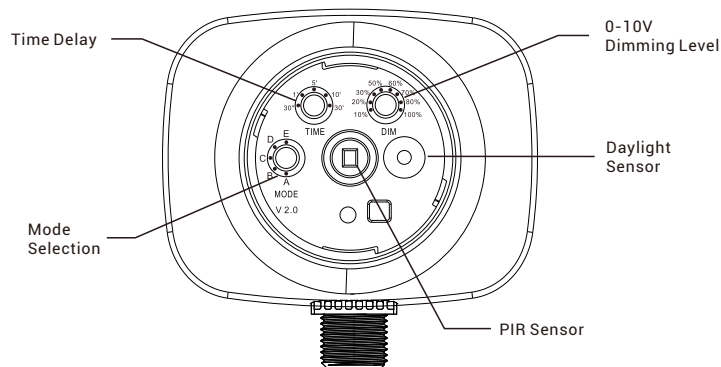


FIXTURE SENSOR INSTALLATION INSTRUCTION Model# EFS01-ECO, EFS01R-ECO

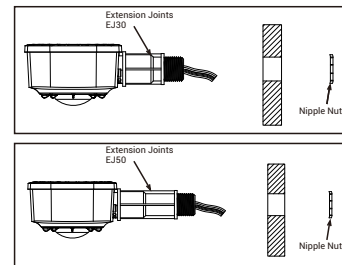
⚠ WARNING: TURN THE POWER OFF AT THE CIRCUIT BREAKER BEFORE INSTALLING THE SENSOR.



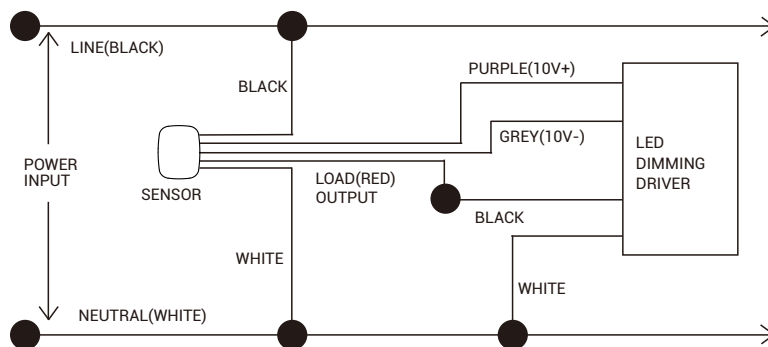
INSTALLATION

Mounting to a Fixture/Enclosure-Straight Nipple

1. Determine an appropriate mounting location minimizing the electric light contribution to the sensor's photocell.
2. If there is no knockout, drill a hole 0.875" (22mm) in diameter through the sheet metal in the fixture or enclosure.
3. Add the rubber gasket to the nipple, and install the sensor face down. Ensure the rubber gasket touches the surface of the fixture. Install the nipple nut securely against the fixture to a torque of 25-30 in-lbs to ensure IP rating is maintained.



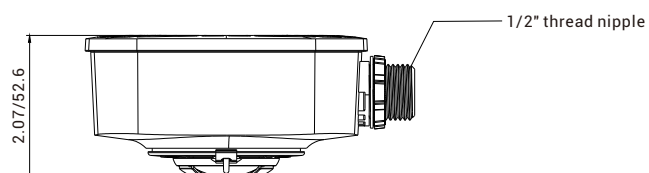
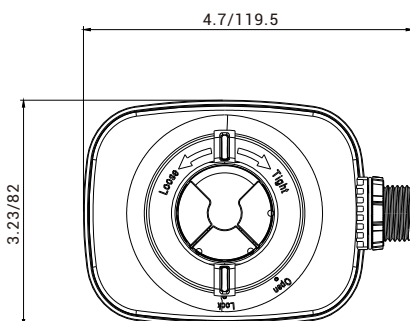
WIRING



- NOTE:**
- 1, Push the terminals to connect and release the wires.
 - 2, Use at least 18 AWG solid wires.
 - 3, Strip at least 8mm insulation from conductors.

DIMENSION

Unit: inch/mm



FIXTURE SENSOR INSTALLATION INSTRUCTION

Model# IFS01,IFS01R

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

DIM: 10%-100%

MODE: A, B, C, D, E

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

Model EFS01-ECO controlled and programed by potentiometers .

Model EFS01R-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.

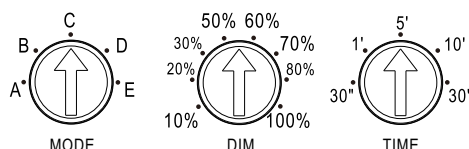
Once powered on, the light will go soft on and soft off twice.

Potentiometer Operation:

Step 1 - Testing

1. Select **Mode C**.
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**.
5. Testing Mode will last for **1min**, then switch to Mode C automatically.

Step 2-Parameter Setting. Select desired Mode, Time and Dimming level.



ill.1

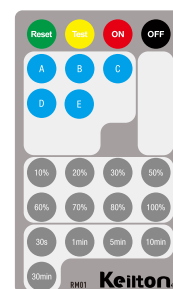
Remote Controller Operation:

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.2(see right) are not valid for this sensor.

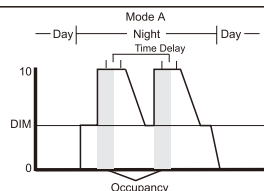


ill.2

CONTROL MODES

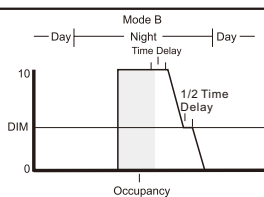
MODE A

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.



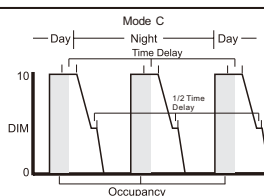
MODE B

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.



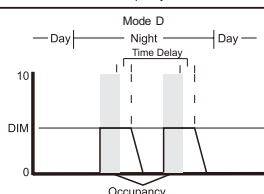
MODE C

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 sent 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.