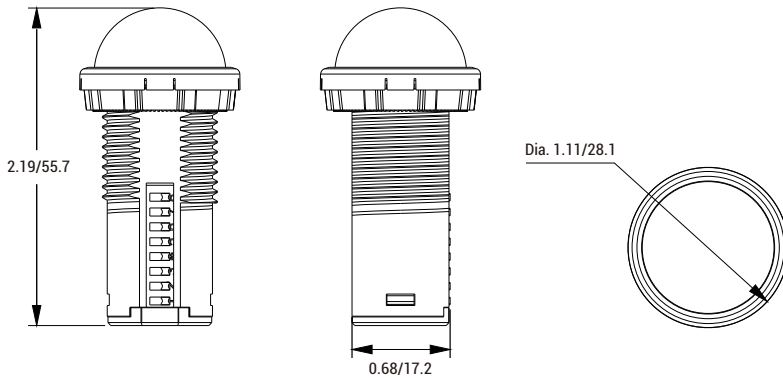


FIXTURE SENSOR INSTALLATION INSTRUCTION

Model# IFS06R

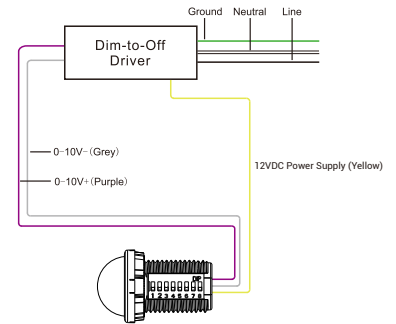
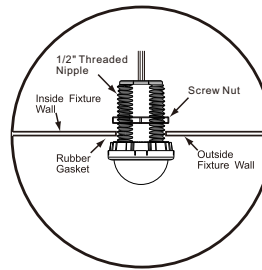
⚠ WARNING: TURN THE POWER OFF AT THE CIRCUIT BREAKER BEFORE INSTALLING THE SENSOR.

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

This sensor controlled and programed by DIP switches and Remote controller, use the DIP switch to run test procedure and select the Daylight harvesting mode or PIR motion mode. Use the Remote controller to switch between Daylight harvesting mode and PIR motion mode after installation finished.

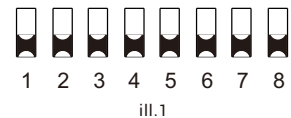
DAYLIGHT HARVESTING MODE: Under Daylight harvesting mode, the auto-calibration function can control the amount of electric light by measuring the overall combined natural and electric light to achieve the desired light level.

PIR MOTION MODE: Under PIR motion mode, the light will turn ON once motion detected and dim to stand-by light level after hold-time elapsed, then turn OFF after stand-by time elapsed.

TESTING

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

1. All DIP switches go "↓". See right illustrate 1.
2. The light will turn to **70%** light level while occupancy detected.
3. The light will dim to **20%** light level after **5s** if no occupancy detected.
4. The light will turn OFF if no occupancy detected within another **3s**.



After test, you can select the mode and customize the Task light level, Hold time, Stand-by light level and Stand-by time.

TASK LIGHT LEVEL: The light level your desired. The value can be 70%, 80%, 90% and 100%.

HOLD TIME: The time that the light will hold at current output after all motion has stopped. The value can be 1min, 10min and 30min. Only valid under PIR motion mode.

STAND-BY LIGHT LEVEL: After hold time elapsed, the light will dim down to this lower percentage output. The value can be 20% and 50%. Only valid under PIR motion mode.

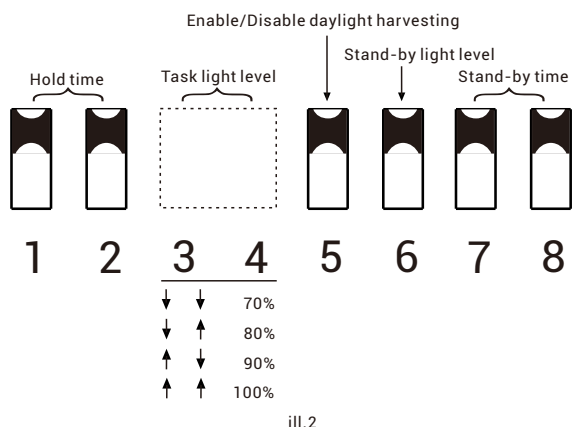
STAND-BY TIME: The time that the light will hold at the lower output before shutting off. The value can be 10min, 30min, 60min and Stay-on. Only valid under PIR motion mode.

FACTORY DEFAULT SETTING: Test mode.

FIXTURE SENSOR INSTALLATION INSTRUCTION

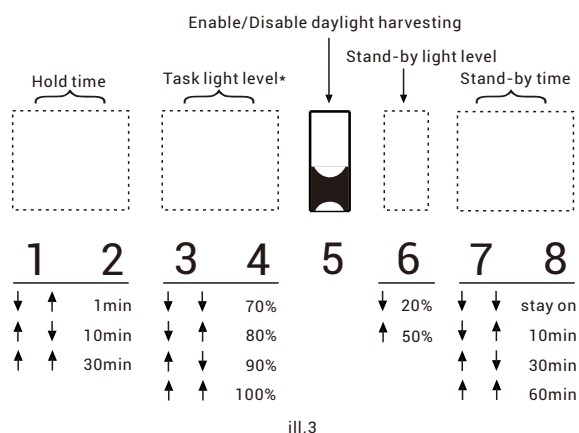
Model# IFS06R

DAYLIGHT HARVESTING MODE



- 1.Set the task light level by adjusting DIP switch #3 and #4. See left ill.2
- 2.Other DIP switches go " ↑ "
- 3.Then the sensor will enter daylight harvesting mode.

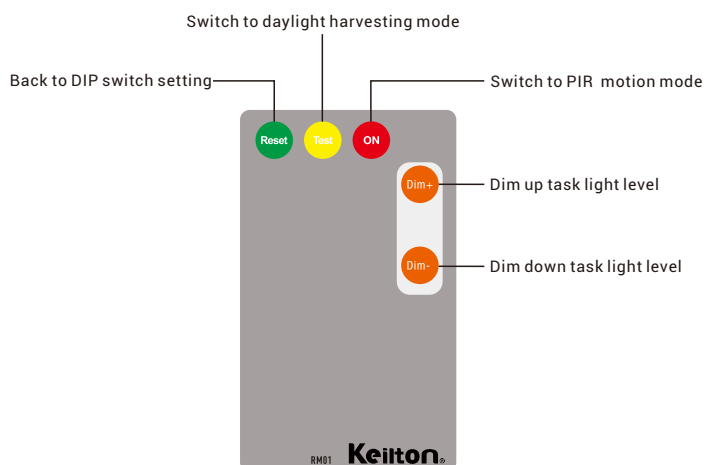
PIR MOTION MODE



- 1.Set the hold time, task light level, stand-by light level and stand-by time by adjusting DIP switch #1 #2, #3 #4, #6 and #7 #8. See left ill.3
- 2.DIP switch #5 goes " ↓ "
- 3.Then the sensor will enter PIR motion mode.

*Motion sensor trim-level setting.

REMOTE CONTROLLER



How to switch PIR motion mode to daylight harvesting mode:

- 1.Press "Test" button to enter daylight harvesting mode. All DIP switch setting was ignored.
- 2.Press "Reset" button to go back to Dip switch setting if needed.

How to switch daylight harvesting mode to PIR motion mode:

- 1.Press "Dim+" or "Dim-" button to select desired task light level.
- 2.Press "ON" button to enter PIR motion mode. Other settings will be set automatically as below:
Hold Time: 30min
Stand-by light level: 50%
Stand-by time: 60min
- 3.Press "Reset" button to go back to Dip switch setting if needed.

NOTE: Other buttons on the remote controller are not valid for this sensor.