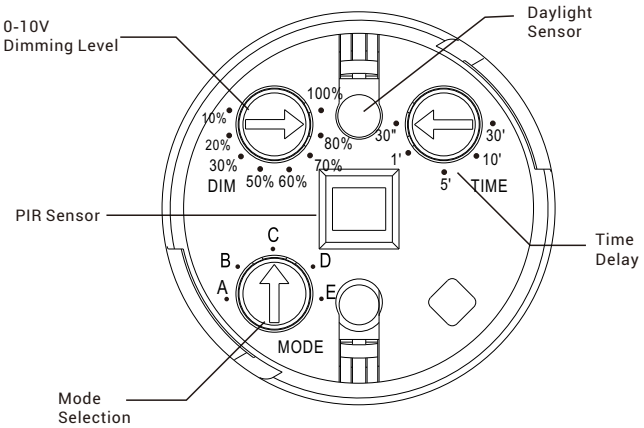
FIXTURE SENSOR INSTALLATION INSTRUCTION

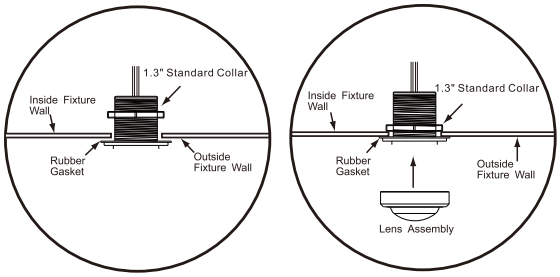
Model# IFS05, IFS05R

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

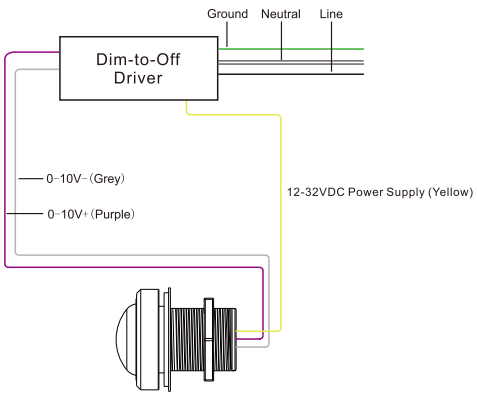


INSTALLATION

1. Drill a hole 1. 30" (33. 0mm) 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 1.3" standard Collar securely against the fixture to a torque of 25-30 in-lbs to ensure IP rating is maintained.
4. Attach the lens to sensor and turn the lens module clockwise to ensure it locks in place.
5. Connect wires as shown in below WIRING diagram.
6. Restore power from the circuit breaker.

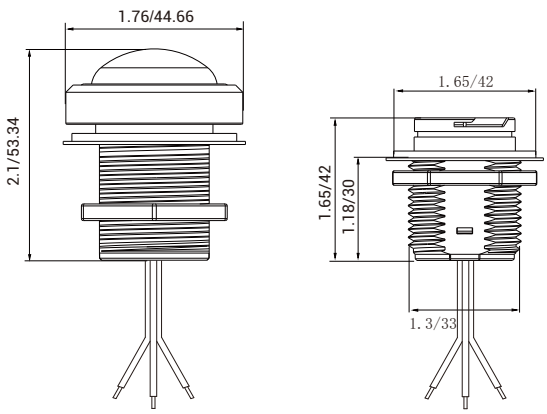


WIRING



DIMENSION

Unit: inch/mm



V202007

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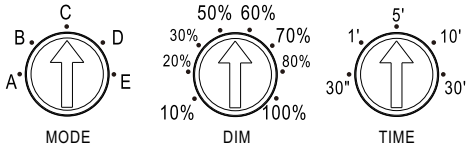
FIXTURE SENSOR INSTALLATION INSTRUCTION

Model# IFS05, IFS05R

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

Model IFS05 controlled and programed by potentiometers .
Model IFS05R 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.

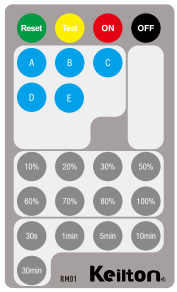


ill.1

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

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.



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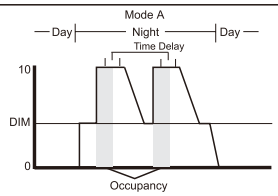
CONTROL MODES

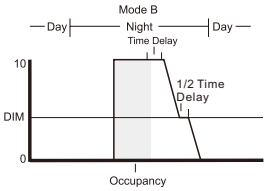
MODE A

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.



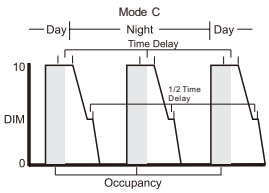
MODE B

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.



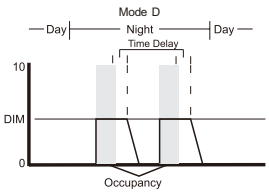
MODE C

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.

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