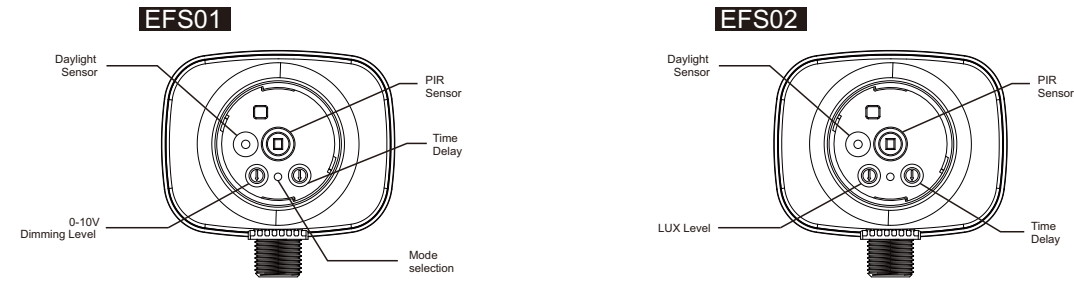


FIXTURE SENSOR INSTALLATION INSTRUCTION-EFS01,EFS02

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

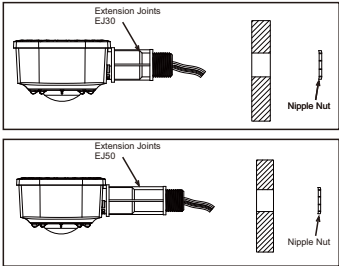


Model	Description
EFS01	External Fixture Sensor, ON/OFF mode, 0-10V Bi-level Dimming
EFS02	External Fixture Sensor
EFSL1	Standard Lens
EFSL2	High bay Lens
EJXX	Extension Joints

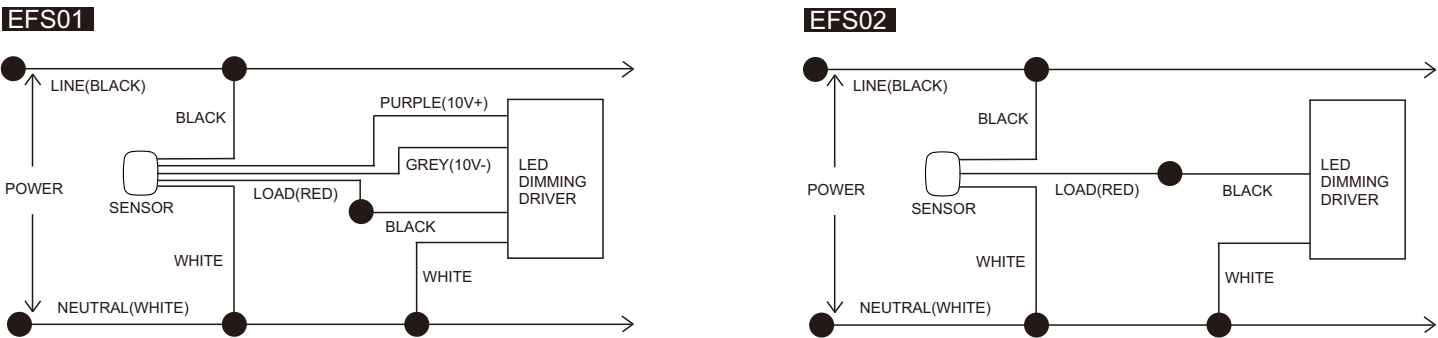
INSTALLATION

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



CONTROL MODES

EFS01

TIME: 10s / 3min / 5min / 10min / 15min / 20min / 30min

DIM: 20%-100%

MODE: A, B, C, D, E, F, G, H

FACTORY SETTING: TIME-10s, DIM-100%, MODE-B

The sensor has 8 selectable modes, each of which has preset parameter settings.

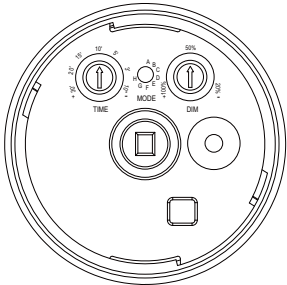
Once the mode is selected, you have the ability to further customize operation by adjusting the Dim and the Time switches.

Select the **Mode** and adjust the other rotary trimpots using a small screwdriver.

TESTING

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

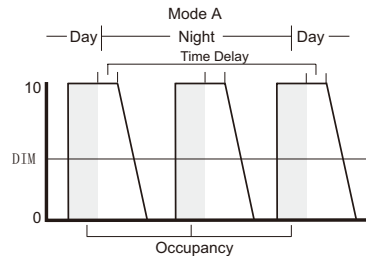
1. Remove the lens, set the arrow of TIME at **10"**.
2. Select MODE A, the light will full-ON for 10 seconds whenever occupancy detected, then switch OFF.
3. Select MODE B/C/D/E/F/G/H, the light will full-ON for 10 seconds whenever occupancy detected, then light goes to 1/2 DIM for another 10 seconds, then switch OFF.



FIXTURE SENSOR INSTALLATION INSTRUCTION-EFS01,EFS02

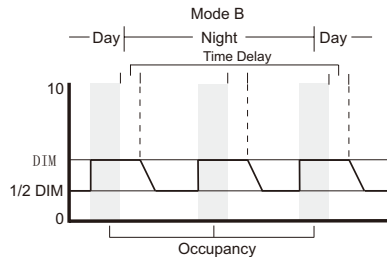
MODE A

1. Ambient light sensor is disabled.
2. Turn the light to full-ON while occupancy detected.
3. Turn OFF the light after the delay time elapsed.



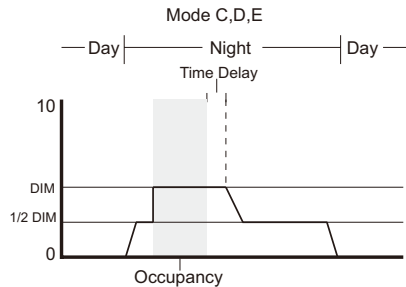
MODE B

1. Ambient light sensor is disabled.
2. Dim the light to DIM level while occupancy detected.
3. Dim to 1/2 DIM level after delay time elapsed.



MODE C

1. Turn OFF the light while ambient light >50 lux.
2. Turn the light to 1/2 DIM level while ambient light <20 lux.
3. Dim the light to DIM level whenever occupancy detected.
4. Back to 1/2 DIM level after delay time elapsed.



MODE D

1. Turn OFF the light while ambient light >80 lux.
2. Turn the light to 1/2 DIM level while ambient light <50 lux.
3. Dim the light to DIM level whenever occupancy detected.
4. Back to 1/2 DIM level after delay time elapsed.

MODE E

1. Turn OFF the light while ambient light >130 lux.
2. Turn the light to 1/2 DIM level while ambient light <80 lux.
3. Dim the light to DIM level whenever occupancy detected.
4. Back to 1/2 DIM level after delay time elapsed.

MODE F

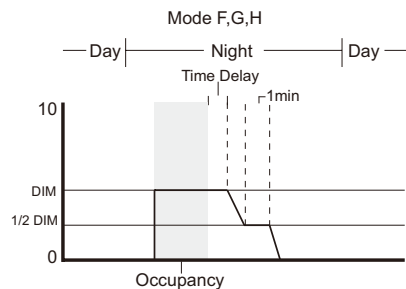
1. Turn OFF the light while ambient light >50 lux.
2. Turn the light to DIM level while ambient light <20 lux and occupancy detected.
3. Dim the light to 1/2 DIM level after delay time elapsed.
4. Turn OFF the light if no occupancy detected within another 1 minute.

MODE G

1. Turn OFF the light while ambient light >80 lux.
2. Turn the light to DIM level while ambient light <50 lux and occupancy detected.
3. Dim the light to 1/2 DIM level after delay time elapsed.
4. Turn OFF the light if no occupancy detected within another 1 minute.

MODE H

1. Turn OFF the light while ambient light >130 lux.
2. Turn the light to DIM level while ambient light <80 lux and occupancy detected.
3. Dim the light to 1/2 DIM level after delay time elapsed.
4. Turn OFF the light if no occupancy detected within another 1 minute.



EFS02

TIME: 10s / 1min/ 3min / 5min / 10min / 20min / 30min

LUX: 12 / 25 / 50 / 90 / 130 / 220 / 24H

FACTORY SETTING: TIME-10min LUX-24H

1. Turn ON the light when occupancy detected **AND** ambient light < LUX level.
2. Turn OFF the light after delay time elapsed.

