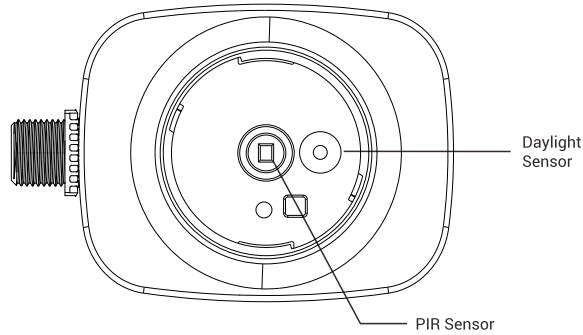


# FIXTURE SENSOR INSTALLATION INSTRUCTION

Model# EFS01RE

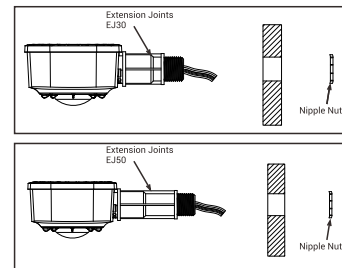
**⚠ WARNING:** TURN THE POWER OFF AT THE CIRCUIT BREAKER BEFORE INSTALLING THE SENSOR.



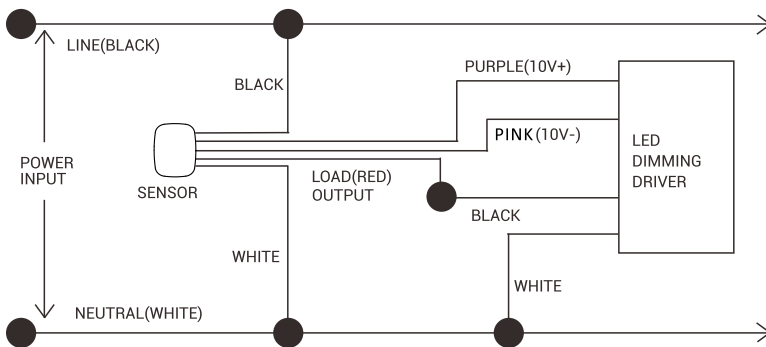
## INSTALLATION

### 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

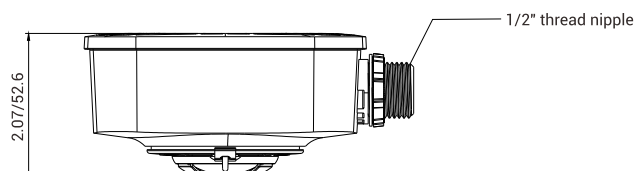
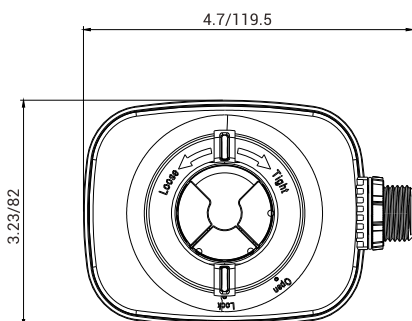


### NOTE:

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# EFS01RE

## Memory Mode (Commissioning) To begin commissioning, follow the steps below:

1. Select either A, B, C, D.
  2. Indicator lights on the remote will flash to indicate the current saved settings.
  3. Settings can be configured by pressing appropriate buttons in the highlighted gray area of the remote. (TRIM-LEVEL, SENSITIVITY, HOLD TIME, STANDBY DIM, STANDBY TIME, and PHOTOCELL). Review selected settings and make changes as necessary.
  4. Point IR remote to desired luminaire for configuration and press "SEND".
  5. If configuration is successful, luminaire will flash two times suggesting settings are saved. Any parameter change to the current saved settings on A to F will override previous settings and will be automatically saved on the remote. If configuring multiple luminaires, select the configured memory mode A to E then follow steps 4 and 5.
- \*\*\* E Mode allows visual adjustment to choose the desired dimming Level.

## Continuous Adjustment Mode or Daylight Harvesting (F Mode) Enables dimmability in response to daylight availability.

1. Point IR remote to desired luminaire
  2. Press "ON" then press DIM+ or DIM- to adjust dimming level.
  3. Press "F", indicator lights on the remote will indicate current saved settings. Note: only TRIM-LEVEL, SENSITIVITY, and HOLD TIME can be selected for Daylight Harvesting settings.
  4. Review selected settings and make changes as necessary. Press "SEND".
  5. If configuration is successful, luminaire will flash twice to confirm setting saved.
- If configuring multiple luminaires, select the configured DAYLIGHT HARVESTING settings then follow steps 4 and 5.

## Reset Mode

Default Settings: Motion --> 100%, No Motion >= 5min --> dim to 30%, No Motion >= 60min --> Off

ON	Turns On Luminaires
OFF	Turns OFF Luminaires
TEST	Test mode will last 5 mins then return to previous setting Test mode will hold time 2 seconds SDL 50% and standby time 2 seconds
RESET	Trim-High=100%,sensitivity=High,T1=5min,Standby Dim=30%,T2=60min,Photocell=OFF
DIM+/-	Remote will manually dim luminaire up or down by increments of 0.5volts. Must be smooth dimming if holding dimming button.
TRIM-LEVEL	Set Maximum threshold value 50/75/100%
SENSITIVITY	OFF(PIR OFF Enter PC ON/OFF function)/LOW(50%)/HIGH (100%)
HOLD TIME	(time of no occupancy after which fixture goes to stand by) 30s / 5min /15min / 30min
F MODE DAYLIGHT HARVESTING	(Enable/Disable) Measure and set feature to allow the fixture to maintain a light level. If turned ON.
STANDBY DIM	Select any standby dim level 0/10/30/50%
STANDBY TIME	Stand by time- 10s / 5min /15min / 30min / 1h / ∞. "∞" means the stand-by time is infinite and the fixture is effectively controlled by the daylight sensor)
PHOTOCELL	LOW (1fc) / HIGH (50fc)/CAL Collecting The current Lux Level OFF
MODE	Set settings to a Program profile A to F
SEND	Send settings to sensor
DEFAULT MODE A	Trim-High=100%,sensitivity=low,T1=30min,Standby Dim=50%,T2=∞,Photocell=CAL
DEFAULT MODE B	Trim-High=100%,sensitivity=low,T1=30min,Standby Dim=50%,T2=15min,Photocell=CAL
DEFAULT MODE C	Trim-High=100%,sensitivity=low,T1=30min,Standby Dim=50%,T2=15min,Photocell=OFF
DEFAULT MODE D	Trim-Low=50%,sensitivity=low,T1=30s,Standby Dim=50%,T2=30min,Photocell=CAL
DEFAULT MODE E	Manual Mode,Trim-High=100%
DEFAULT MODE F	Daylight Harvesting,Trim-Low=50%,sensitivity=low,T1=15min

