EcoSense Lighting Fixtures must be installed by a qualified electrician. EcoSense Lighting, Inc. is not responsible if its fixtures are not installed in accordance with all national and local safety standards.

* ITEMS 1, 2, 3, AND 4 SHIP IN SEPARATE CARTONS
**HOUSING INSTRUCTIONS**

1) Attach butterfly brackets to housing with bolts and wingnuts (x2)

2) Attach spreader bars (x2)

3) Fasten spreader bar ends to building structure (x4)
HOUSING INSTRUCTIONS

4) Completed Housing

- **STANDARD FRAME OPTION**
- **TRIMLESS FRAME OPTION**

5) Wiring

- **THERMAL PROTECTOR** (Factory Installed in Housing J-Box)
- **DRIVER** (Factory Installed in Housing J-Box)

- **ELV DIMMER (OPTIONAL)**

- **INPUT 120V**

- **DIM +**
  - purple wire
  - gray wire

- **INPUT 120V**

- **white wire**

- **black wire**

- **white wire**

- **black wire**

- **white wire**
MODULE OPTIC INSTRUCTION

1) Twist and lock the optic into the module

2) A thin plastic disc of optical diffusion material is included with the 20, 25, 35, & 45 degree optics.

   1. Peel off the colored scratch protection film before installing into trim - protection film is on both sides of the disc. When the film is completely removed from both sides, the disc will no longer be colored.* Using a piece of scotch tape may be helpful to remove the colored film from the disc.

   2. The disc is directional. One side of the disc is smooth to the touch and the opposite side is textured. To differentiate the smooth side from the textured side, use the touch test: run your finger lightly over each side of the disc. The smooth side will make no noise. The textured side will make a scratching noise.

   NOTE: *Film may be CLEAR (not color tinted) on some versions of optics. This CLEAR film must still be removed from the diffusion disc prior to installation.

3) Place the diffusion disc (if included) into trim and then place metal backing ring on top of diffusion disc.

   When installing into trim: The smooth side should face the floor & the textured side should face the ceiling.

4) Twist and lock the LED module with optic into trim.
5) Plug the quick disconnect connector from the LED Module, into the quick disconnect connector hanging in the center opening of the housing.

6) Push the entire trim/optic/module assembly into the center opening of the housing until the spring clips engage.