

## Evluma Clearlight 105B Installation Instructions. BEA-50-4K-6-V-00-0-105B

Remove the ballast, starter and lamp socket from the fixture housing and replace with the Clearlight and bracket 105B. Use the connectors provided to connect the wires as instructed. Adjust the bracket to find the optimal position for the Clearlight within the fixture.

### A. Preparing the Luminaire

1. Disconnect power from the luminaire.

2. Remove the refractor from the luminaire.

**Note:** Refractor must have a center hole capable of clearing the Clearlight body. The center hole must be greater than 4 1/4 inches in diameter.

3. Remove the 2 #10 screws from the bracket holding the lamp socket and ballast into the luminaire. Save the screws.

4. Cut and strip the wires connecting the ballast to the power line and to the dusk-to-dawn photocell sensor. Leave 4 inches of wire length. Strip length is 3/8 to 1/2 inch.

### B. Installing the Clearlight

1. Attach the two Clearlight mounting brackets to the luminaire using the #10 screws (step A.3) and the washers provided.

2. Connect the white (common) wires together using the 3 position clamp connector provided. Lift the orange lever to open the cage clamp and insert the wire. The lever clicks as it is lowered, actuating the cage clamp.

3. Connect the red wire from the photocell sensor to the black wire from the Clearlight using the 2 position clamp connector provided.

4. Connect the black (hot) wire from the power line to the black wire on the photocell sensor using the 2 position clamp connector provided.

5. Install the refractor onto the luminaire.

6. Slide the Clearlight to the desired height on the bracket and tighten the two thumb screws to secure. Do not over tighten the thumb screws.

7. Reconnect power to the luminaire.



