

# INVUE™ INSTALLATION INSTRUCTIONS

**IMPORTANT: READ CAREFULLY BEFORE INSTALLING FIXTURE.  
RETAIN FOR FUTURE REFERENCE.**

**Flite  
Sheet 1 of 8**

**8/31/04**

**IMI-597**

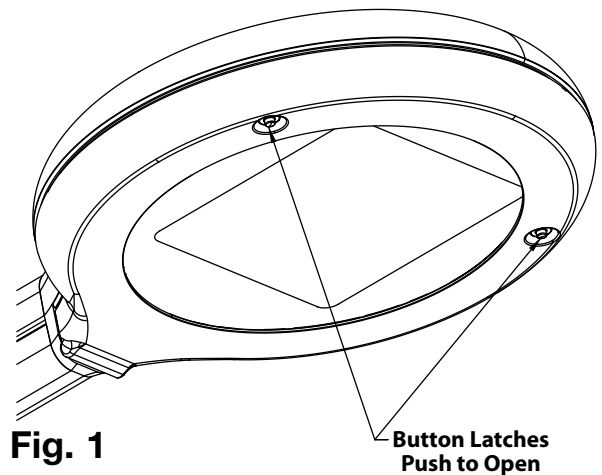
**General:** Upon receipt of fixture thoroughly inspect for any freight damage, which should be brought to the attention of the delivery carrier. Compare the catalog description listed on the packing slip with the fixture label on the housing to assure you have received the correct merchandise.

**Safety:** This fixture must be wired in accordance with the national electrical code and applicable local codes and ordinance. Proper grounding is required to insure personal safety. Carefully observe grounding procedure. All work should be done by an electrician.



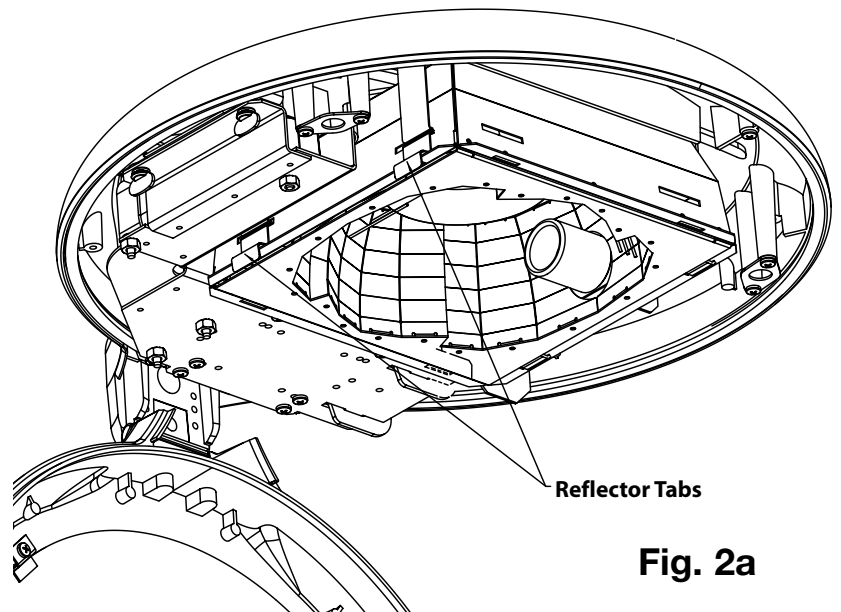
**WARNING: Risk of Electric Shock. Disconnect power at circuit breaker panel or fuse box before installing or servicing.**

1. Open the Door -  
Press both BUTTON LATCHES at the same time and open the door.  
See Figure 1.



2. Reflector Removal -  
Press the two REFLECTOR TABS outward and swing the REFLECTOR down.  
See Figure 2a and Figure 2b.

**NOTE:** Disconnect REFLECTOR CONNECTOR from the HOUSING as shown in Figure 2c.



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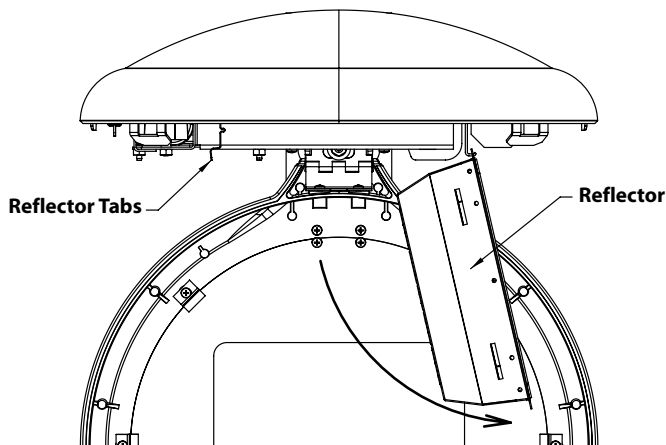


Fig. 2b

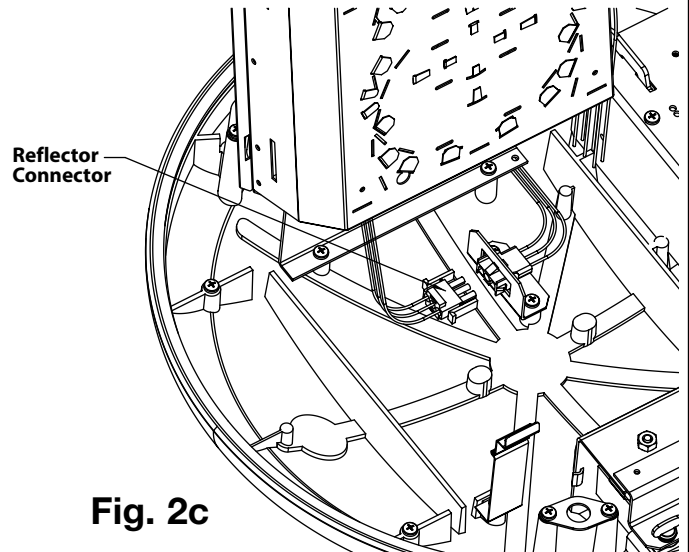


Fig. 2c

### 3. Power Supply Tray Removal -

Unscrew the two THUMB SCREWS and swing the POWER SUPPLY TRAY down as shown in Figure 3a. Disconnect the POWER CONNECTOR and the OPTIC CONNECTOR from HOUSING. See Figure 3b. The POWER SUPPLY TRAY can now be lifted off the bracket.

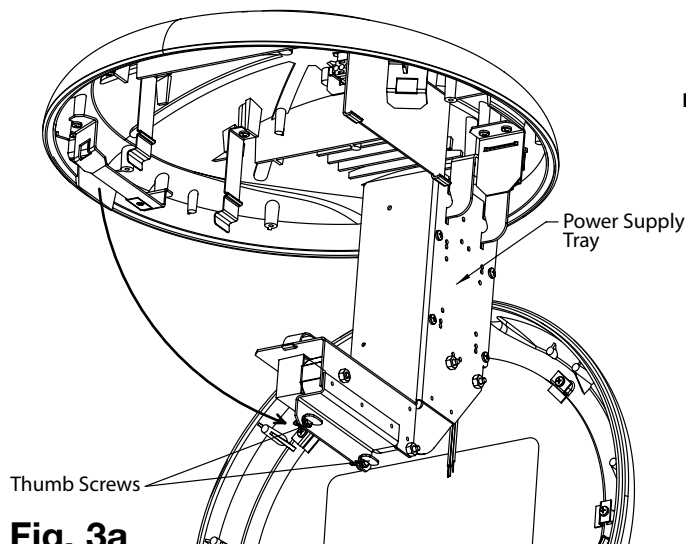


Fig. 3a

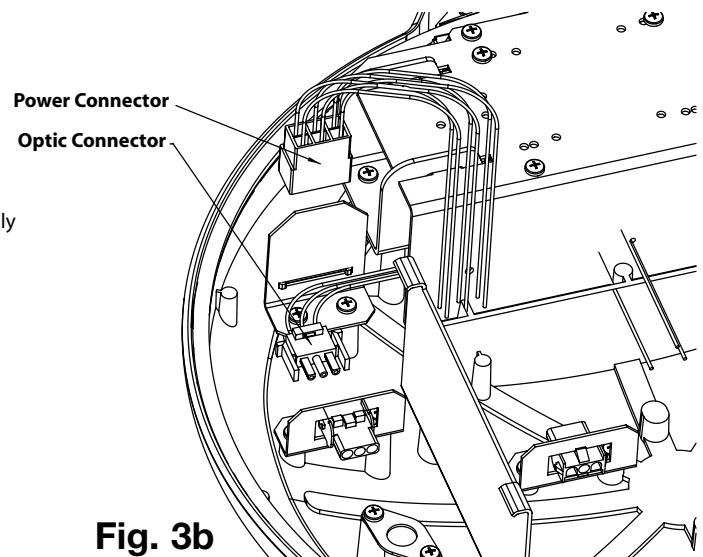


Fig. 3b

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4. Attach Housing to Upper Flite Arm -  
Remove the WIREWAY PLUG from the HOUSING. Move the fixture leads aside so the THREADED RODS may be accessed through the fixture HOUSING.

See Figure 4a.

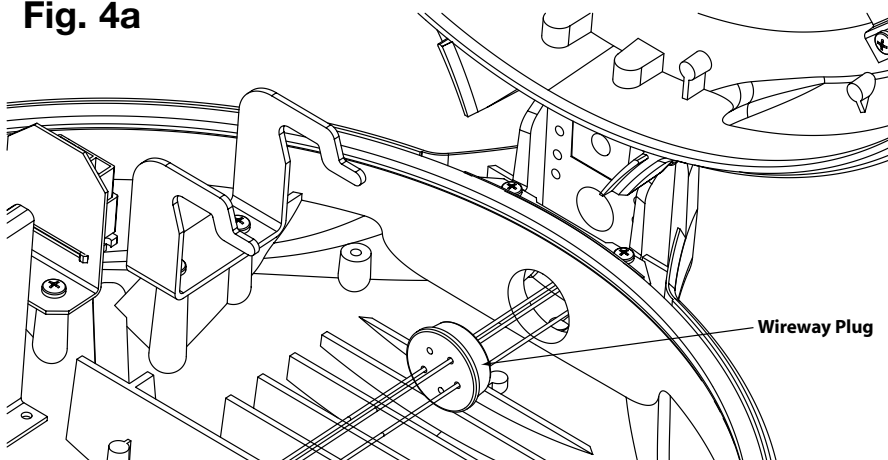
Attach the UPPER FLITE ARM to the HOUSING by inserting the threaded studs into the fixture HOUSING. Feed the fixture wires through the UPPER FLITE ARM. Slide the HOUSING over the threaded rods and secure it with the PLAIN WASHERS, LOCK WASHERS, and HEX NUTS. See Figure 4b.

Torque HEX NUTS as follows:

Medium Icon (ICM) - 450 in-lbs.,

Small Icon (ICS) - 130 in-lbs.

**Fig. 4a**



### WARNING

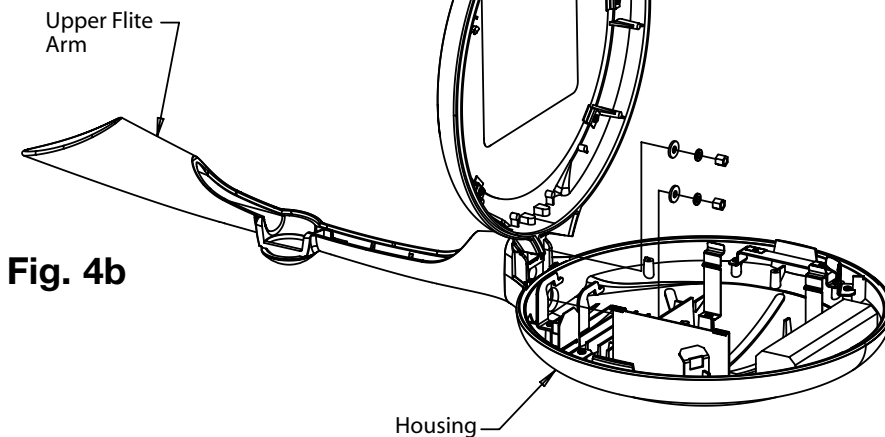
Risk of Personal Injury

Fixture may become damaged and/or unstable if not installed properly

Tighten all fixture components to their recommended torque values

**NOTE:** It may be helpful to use a deep socket when installing the HEX NUTS.

**Re-install the WIREWAY PLUG into the wireway in the HOUSING.**



**Fig. 4b**

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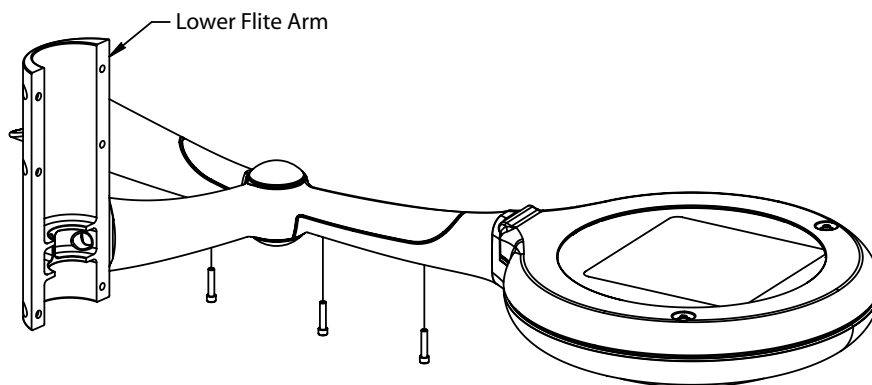
### 5a. Attach the Lower Flite Arm (Single Head) -

Attach the LOWER FLITE ARM to the UPPER FLITE ARM using the three (3) 5/16-18 x 1.25" screws provided. Please see Figure 5a. Be careful to route the wires through and along the arm so that they will not be pinched when the arms are tightened.

**Torque:** 250 in-lbs.

**NOTE:** To assure a safe product over time, check and adjust torque to proper settings each time unit is maintained.

Fig. 5a



### WARNING

Risk of Personal Injury

Fixture may become damaged and/or unstable if not installed properly

Tighten all fixture components to their recommended torque values

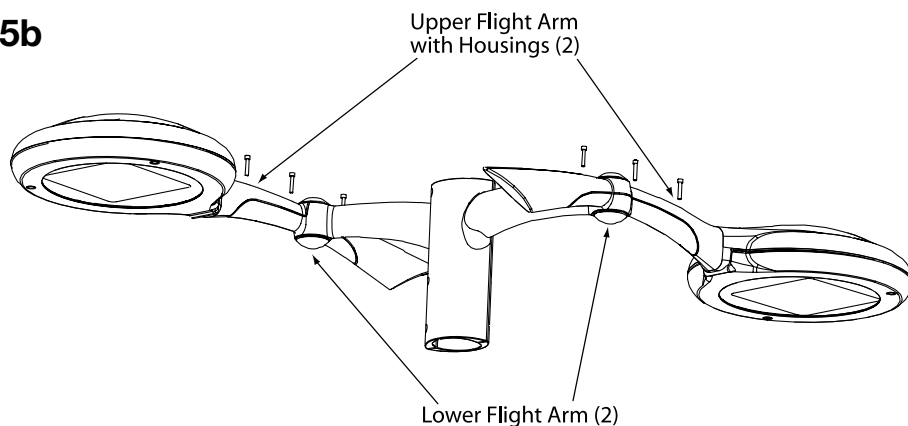
### 5b. Attach the Lower Flite Arm (Dual Head) -

Attach the LOWER FLITE ARM to the UPPER FLITE ARM using the three (3) 5/16-18 x 1.25" screws provided. Please see Figure 5b. Be careful to route the wires through and along the arm so that they will not be pinched when the arms are tightened.

**Torque:** 250 in-lbs.

**NOTE:** To assure a safe product over time, check and adjust torque to proper settings each time unit is maintained.

Fig. 5b



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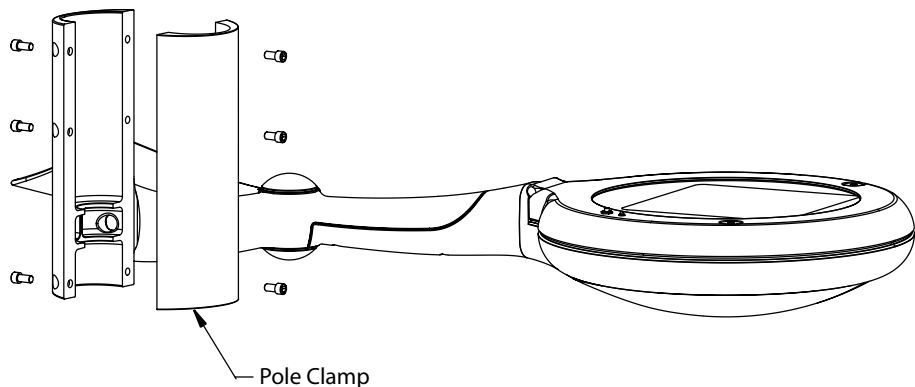
**WARNING:** Risk of Electric Shock. Disconnect power at fuse or circuit breaker before installing or servicing.

### 6a. Attach the Pole Clamp (Single Head) -

Attach the POLE CLAMP to the LOWER FLITE ARM using the six (6) 3/8-16 x 0.75" screws provided as depicted in Figure 6a. Do not tighten the screws completely; leave approximately 1/8" to 1/4" gap between the two parts. This will allow these parts to slip over the pole with no interference.

Fig. 6a

**WARNING**  
Risk of Personal Injury  
Fixture may become damaged and/or unstable if not installed properly  
Tighten all fixture components to their recommended torque values

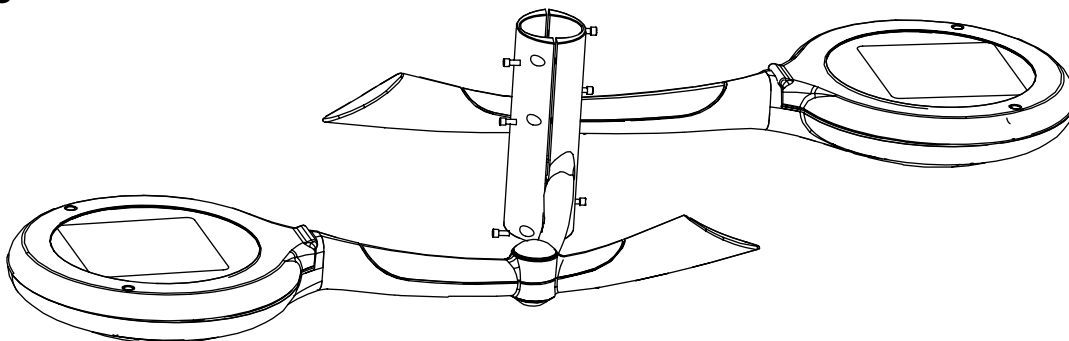


### 6b. Attach the Pole Clamp (Dual Head) -

Attach the two (2) LOWER FLITE ARM using the six (6) 3/8-16 x 0.75" screws provided as depicted in Figure 6b. Do not tighten the screws completely; leave approximately 1/8" to 1/4" gap between the two parts. This will allow these parts to slip over the pole with no interference.

**NOTE:** Pole Clamps (2) and One set of six (6) 3/8 - 16 x 0.75" screws are not necessary for this assembly. Discard if desired.

Fig. 6b



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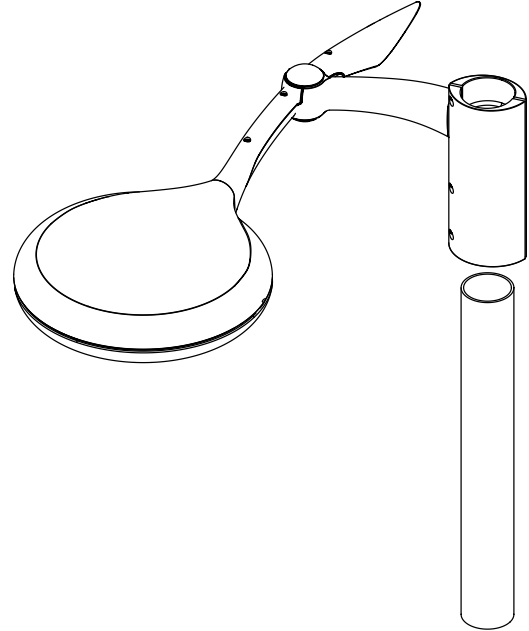


**WARNING:** Risk of Electric Shock. Disconnect power at fuse or circuit breaker before installing or servicing.

**7a.** Slipping the Assembly over the Pole (Single Head) -

Slip the fixture assembly over a 4-inch diameter pole as shown in Figure 7a. There is a shoulder inside the arm that will rest on the top of the pole. Make wiring connections at the opening at the top of the arm.

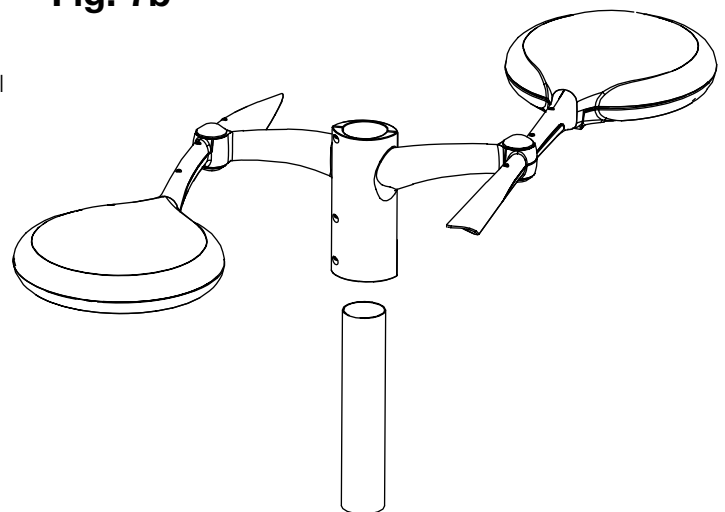
**Fig. 7a**



**Fig. 7b**

**7b.** Slipping the Assembly over the Pole (Dual Head) -

Slip the fixture assembly over a 4-inch diameter pole as shown in Figure 7b. There is a shoulder inside the arm that will rest on the top of the pole. Make wiring connections at the opening at the top of the arm.



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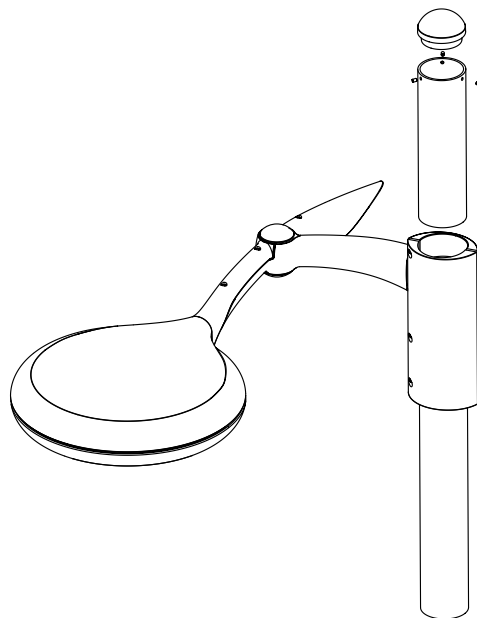
## **8a. Attaching the Mast and Pole Cap (Single Head) -**

Assemble the ARM MAST and POLE CAP to the fixture and arm assembly. See Figure 8a. Tighten the six (6) screws that clamp the arm to the pole in addition to the set screws that secure the ARM MAST and POLE CAP.

**Torque:** 250 in-lbs.

**NOTE:** To assure a safe product over time, check and adjust torque to proper settings each time unit is maintained.

**Fig. 8a**



	<b>WARNING</b>
Risk of Personal Injury	
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Tighten all fixture components to their recommended torque values	

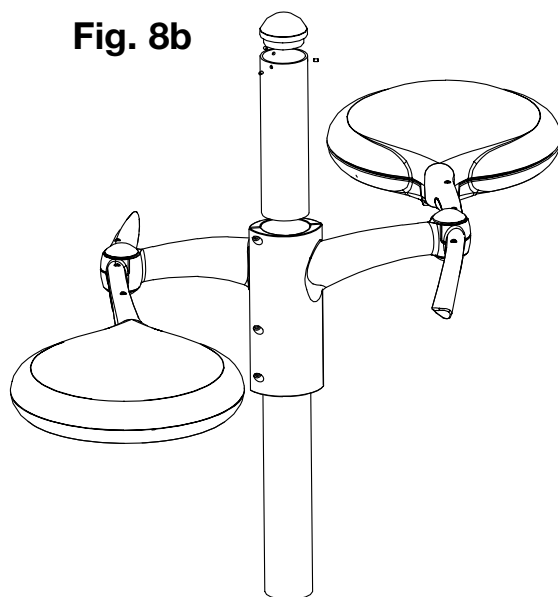
## **8b. Attaching the Mast and Pole Cap (Dual Head) -**

Assemble the ARM MAST and POLE CAP to the fixture and arm assembly. See Figure 8b. Tighten the six (6) screws that clamp the arm to the pole in addition to the set screws that secure the ARM MAST and POLE CAP.

**Torque:** 250 in-lbs.

**NOTE:** To assure a safe product over time, check and adjust torque proper settings each time unit is maintained.

**Fig. 8b**



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### 9. Buttoning Up -

Re-install the POWER SUPPLY TRAY to the HOUSING. Connect the POWER CONNECTOR and OPTIC CONNECTOR. Swing the POWER SUPPLY TRAY up and tighten the two THUMB SCREWS. Re-install the REFLECTOR to the HOUSING. Connect the REFLECTOR CONNECTOR to the HOUSING. Swing the REFLECTOR up until it is secured by the REFLECTOR TABS. You will hear an audible "click" when the REFLECTOR TABS have properly engaged. Close the fixture DOOR. See Figure 9. You will hear two audible "clicks" when the two BUTTON LATCHES are properly engaged.

### Re-lamping the Fixture

Disconnect the power to the fixture. Open the DOOR by pressing both BUTTON LATCHES at the same time. Remove the lamp by grasping it close to the base and install the new lamp. Close the fixture DOOR. You will hear two audible "clicks" when the two BUTTON LATCHES are properly engaged.

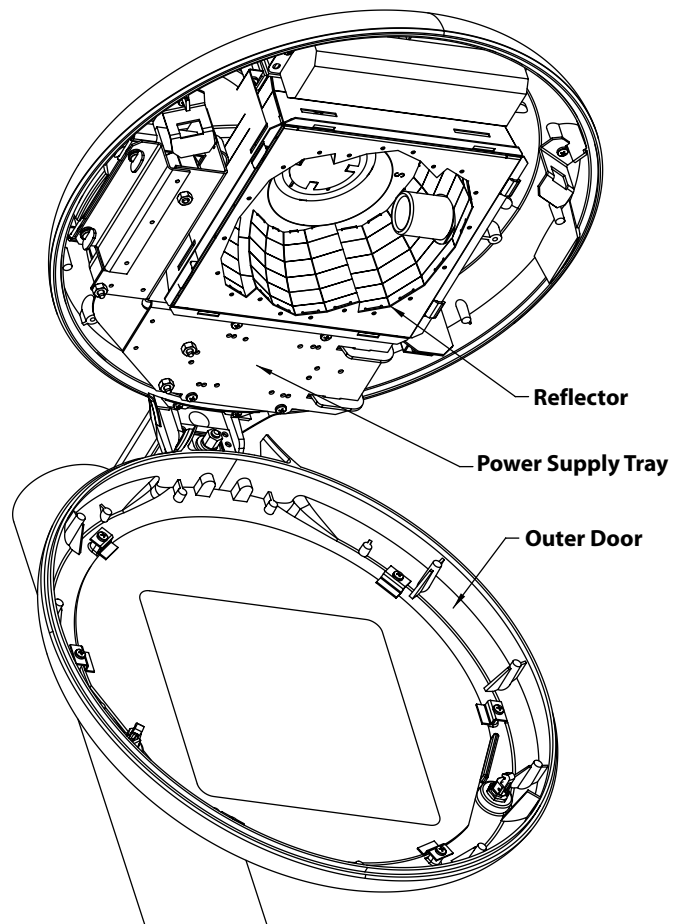


Fig. 9

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