

## OBSTRUCTION / VISUAL SIGNAL LIGHT

### SINGLE and DUAL FIXTURES

### INSTALLATION INSTRUCTIONS and PARTS LIST

**PART No:**

860-1x01-00x	120 VAC, Single or Dual	860-1x02-00x	240 VAC, Single or Dual	860-1x03-00x	12 VDC, Single or Dual
860-1x04-00x	48 VDC, Single or Dual	860-1x02-00x EU	230 VAC, Single or Dual, Europe	860-1x05-00x	24 VDC, Single or Dual
860-1x06-00x	10-27 VDC, Single or Dual	860-1R01-001-FAA	120 VAC, Single	860-3x03-00x	12 VDC, Single or Dual, Low Watt
860-4x02-00x	240 VAC, Single or Dual, 50 cd	860-4x02-00x EU	230 VAC, Single or Dual, Europe	860-5x02-00x	240 VDC, Single or Dual, 10 cd
860-6x01-001	120 VAC, Single or Dual, Canada	860-7X02-002	240 VDC, Dual, Australia		
860-8x04-001	48 VDC, Single, Sweden				

*[last 3 digits ... 001 = Single 002 = Dual]*

**WARNING:**

DE-ENERGIZE CIRCUIT BEFORE INSTALLING OR WORKING ON FIXTURE

**CAUTION**

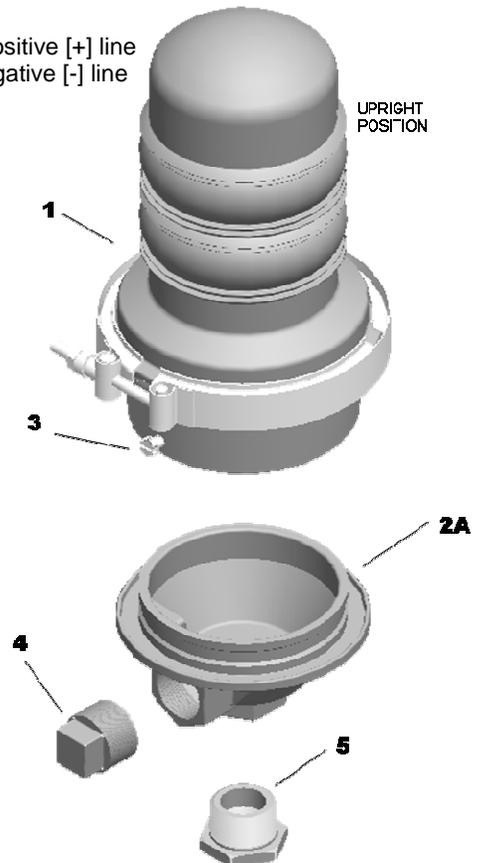
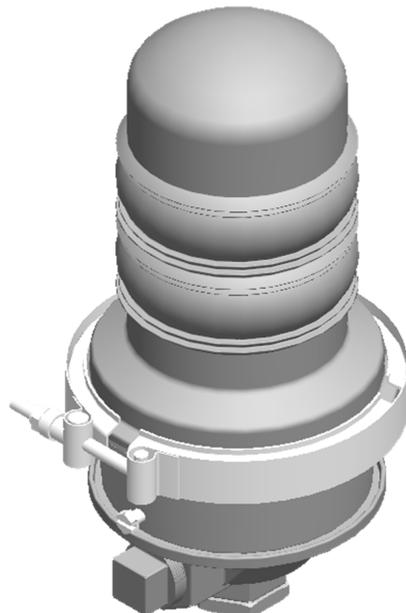
To retain seal integrity (and preserve warranty) do not loosen or remove the clamp holding the light assembly together

**REMOVAL OR LOOSENING OF THE CLAMP WILL VOID ALL WARRANTIES**

The light assembly fixture can be mounted in any position. When mounted 'upright' [as illustrated] the fixture **will** meet the designed optical specifications for Aircraft Obstruction Warnings. When mounted in any other position, the fixture **will not** meet the designed optical specifications mentioned and will be considered as a visual signal fixture.

**SINGLE FIXTURE INSTALLATION STEPS:**

- The single housing [2A] has a 1" NPT [3/4" bushing] end to be assembled to conduit ... right angle or vertical
  - Use a 1-1/2" wrench to attach and tighten the single housing [2A] to the conduit
  - Use the 1" NPT plug [4] to close threaded opening not being used
  - Remove reducing bushing [5] if threading into 1" NPT conduit
- Feed the supply wires through the conduit and single housing [2A] leaving approx 6" of wire for termination inside the single housing [2A].
- Electrically connect the supply wires to the light assembly [1] wires
  - Connect the light assembly wire (with voltage label) to the Hot AC or Positive [+] line
  - Connect the light assembly wire [without label] to the Neutral AC or Negative [-] line
  - Connect the grounding wire [from green screw] to the Ground line
- Tuck the connected wires inside the single housing. [2A].
- Position light assembly [1] on the wire single housing [2A] and use the holding screws [3] to secure the light assembly in place
- Restore power and verify operation



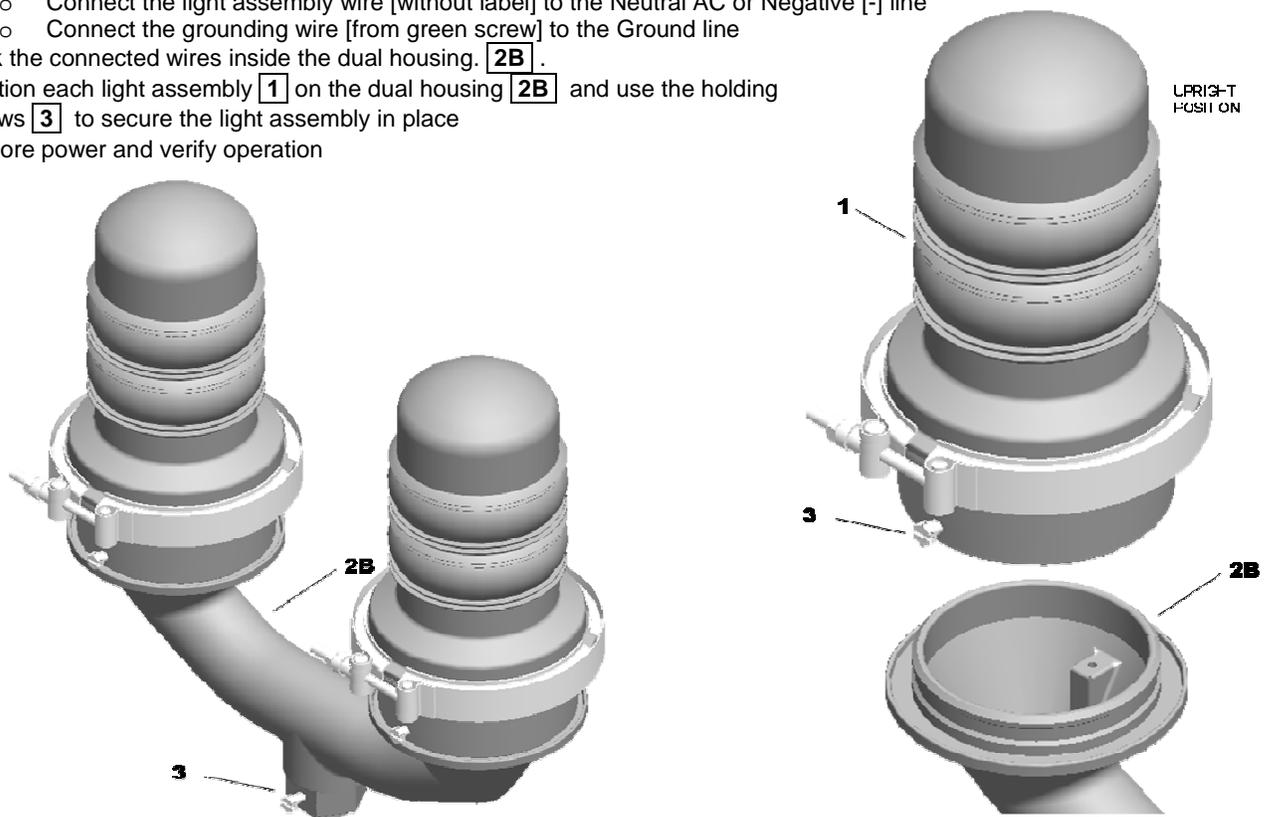
## OBSTRUCTION / VISUAL SIGNAL LIGHT

### SINGLE and DUAL FIXTURES

### INSTALLATION INSTRUCTIONS and PARTS LIST

#### DUAL FIXTURE INSTALLATION STEPS:

- The dual housing **2B** has a 1" NPT [3/4" bushing] end to be assembled to conduit.
  - Use a 1-1/2" wrench to attach and tighten the dual housing **2B** to the conduit
  - Tighten the holding screw **3** to secure the dual housing **2B** in position.
  - Remove reducing bushing if threading into 1" NPT conduit
- Feed the supply wires through the conduit and dual housing **2B** leaving approx 6" of wire for termination inside the dual housing **2B**.
- Electrically connect the supply wires to the light assembly **1** wires
  - Connect the light assembly wire (with voltage label) to the Hot AC or Positive [+] line
  - Connect the light assembly wire [without label] to the Neutral AC or Negative [-] line
  - Connect the grounding wire [from green screw] to the Ground line
- Tuck the connected wires inside the dual housing. **2B**.
- Position each light assembly **1** on the dual housing **2B** and use the holding screws **3** to secure the light assembly in place
- Restore power and verify operation



Please refer to product data sheet for electrical parameters if required

U.S. Patent 6,425,678

#### PARTS LIST

Item	Part No.	Description	Item	Part No.	Description	Part No.	Description	
	860-1x01	Light Ass'y 120V		860-3x03	Light Ass'y 12V, Low W att	860-4000	Glass Lens Replace [Red]	
	860-1x02	Light Ass'y 240V		860-4x02	Light Ass'y 240V, 50cd	860-4001	Glass Lens Replace [Clear]	
1	860-1x03	Light Ass'y 12V	1	860-5x02	Light Ass'y 240V, 10cd	860-4002	Glass Lens Replace [Green]	
	860-1x04	Light Ass'y 48V		860-6x01	Light Ass'y 120V, Canada	860-4003	Glass Lens Replace [Yellow]	
	860-1x05	Light Ass'y 24V		860-7x02	Light Ass'y 240V, Australia	860-4004	Glass Lens Replace [Blue]	
	860-1x06	Light Ass'y 10-27V		860-8x04	Light Ass'y 48V, Sweden			
	2A	860-1000		Single Wire Housing	3	---	1/4-20 x 1/2 Holding Screw	Replaced glass lens will void warranties
	2B	860-2000		Dual Wire Housing	4	---	1" NPT Plug	
			5	---	1" to 3/4" Bushing			

Replace the X with color letter required ... B=Blue G=Green R=Red W=White Y=Yellow

REV	ECO NO	DRN	CHD	APP	CM	DATE
A	---	AV	MES	KJZ	JB	8/22/2008
B	09040206	ALV	KH	RA	JB	4/13/2009