

## OBSTRUCTION / VISUAL SIGNAL LIGHT

CLASS I DIVISION 2 Groups A, B, C & D - SINGLE and DUAL FIXTURES  
 INSTALLATION INSTRUCTIONS and PARTS LIST

Certified to: UL844 / UL1598

Certified to: CAN / CSA C22.2 No. 137 and 250.0

Suitable for Wet Locations

Ambient Temperature: -55°C to +65°C (T3C)

-55°C to +55°C (T4)

### PART No:

860-2x01-001	120 VAC, Single, Steady On	860-2x02-001	240 VAC, Single, Steady On
860-2x01-002	120 VAC, Dual, Steady On	860-2x02-002	240 VAC, Dual, Steady On



**WARNING – EXPLOSION HAZARD – DO NOT DISCONNECT WHILE CIRCUIT IS LIVE UNLESS AREA IS KNOWN TO BE NON-HAZARDOUS.**



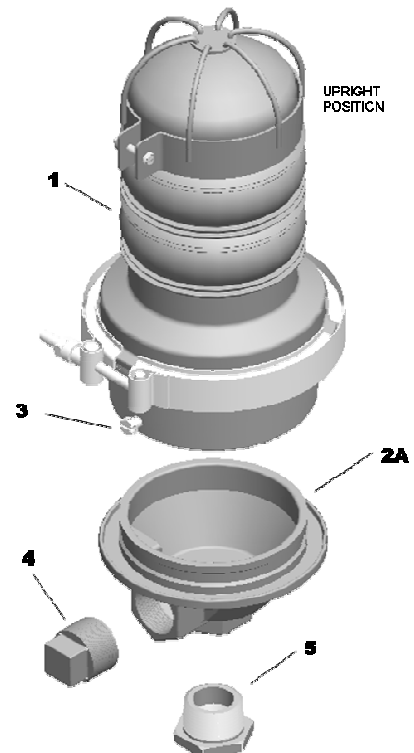
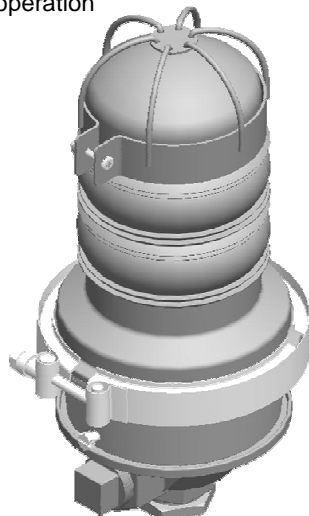
**AVERTISSEMENT – RISQUE D'EXPLOSION. NE PAS DÉBRANCHER TANT QUE LE CIRCUIT EST SOUS TENSION. À MOINS QU'IL NE S'AGISSE D'UN EMPLACEMENT NON DANGEREUX.**

### 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 line
  - Connect the light assembly wire [without label] to the Neutral AC 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



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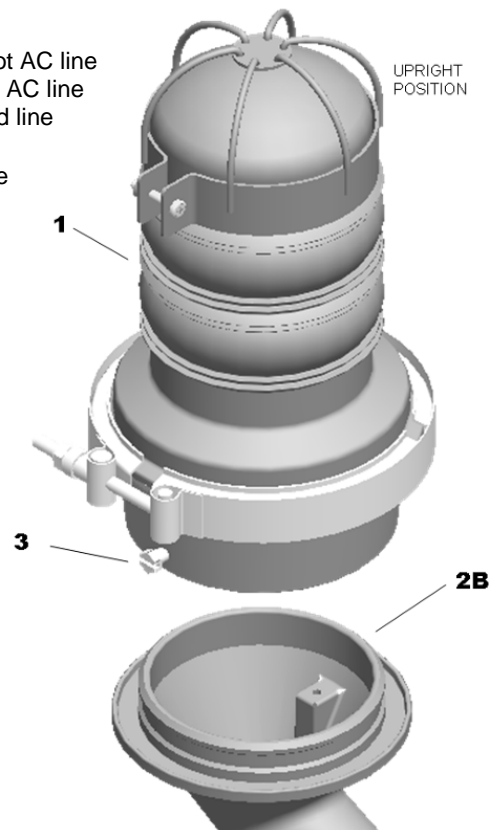
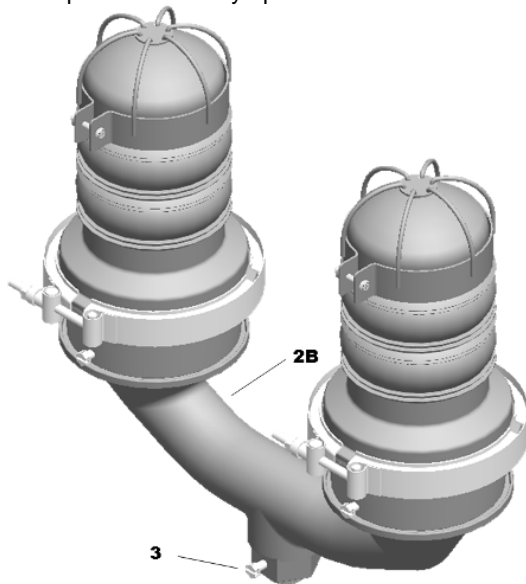
Suitable for Wet Locations

Ambient Temperature: -55°C to +65°C (T3C)

-55°C to +55°C (T4)

### 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 line
  - Connect the light assembly wire [without label] to the Neutral AC 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
	860-2x01	Light Ass'y 120V [Steady]	2A	860-1000	Single Wire Housing	860-4000	Glass Lens Replace [Red]
1	860-2x02	Light Ass'y 240V [Steady]	2B	860-2000	Dual Wire Housing	860-4001	Glass Lens Replace [Clear]
			3	--	1/4-20 x 1/2 Holding Screw	860-4002	Glass Lens Replace [Green]
			4	--	1" NPT Plug	860-4003	Glass Lens Replace [Yellow]
			5	--	1" to 3/4" Bushing	860-4004	Glass Lens Replace [Blue]

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

Replaced glass lens will void warranties

Shield needs to be replaced on glass lens

A	----	AV	RL	KJZ	JB	8/18/2008
B	21664	SA	AR	AV	JN	1/2/2015
C	23966	SA	AR	SM	JN	3/12/2015