



# Red Aviation Obstruction Light

Model 810DE

## FAA APPROVED LIGHTING

- Dual lamps
- 120VAC
- 116 watt lamps
- 8,000 hour lamp life
- FAA L-810 Certified, ETL tested
- 1-inch pipe mount
- Optional photoelectric cell
- Optional transfer relay

Federal Signal Obstruction Lights are designed to mark tall structures that present hazards to air navigation. When installed in accordance with FAA AC 70/7460-1, these lights increase the conspicuity of obstructions for pilots flying at night.

Federal Signal Model 810DE is a steady burning double obstruction light (FAA Ref. L-810). The 810DE features a die-cast aluminum housing with a wiring enclosure and mounts on 1" NPT pipe. The corrosion resistant housing is sealed with aviation yellow powdercoat paint and includes stainless steel hardware. For ease of installation and maintenance the housing is equipped with captive cover screws, stainless steel tethers secure the glass domes and stainless steel bands provide tool-free access to the lamp.

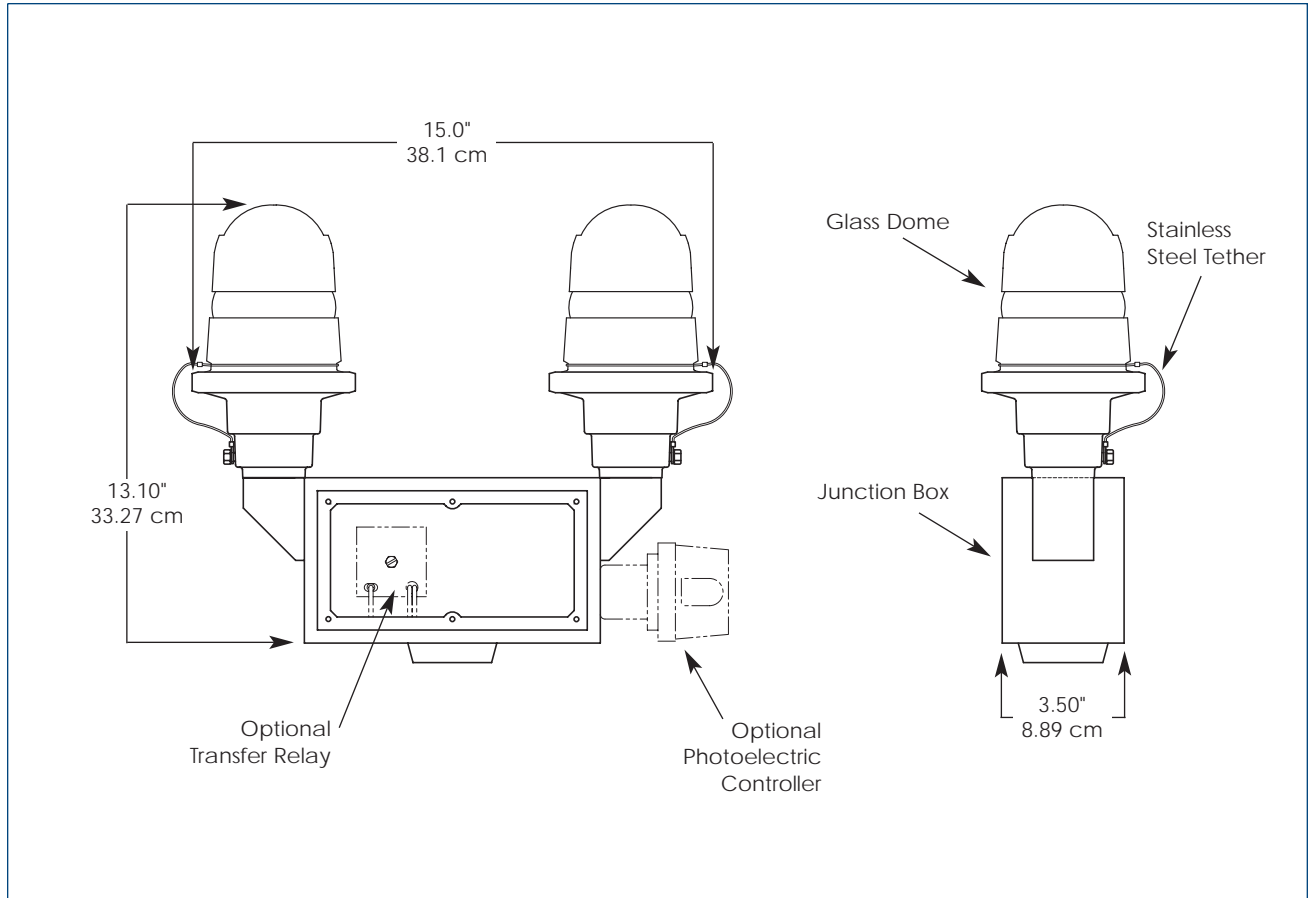
An optional photoelectric controller provides automatic light activation at dusk per FAA specifications. The optional transfer relay powers the standby lamp if the operating lamp fails. All Federal Signal Obstruction Lights are shipped factory-assembled with lamps and options.

The 116-Watt lamps are rated for 8000 hours of continuous use. The Photoelectric Cells are rated at over 5000 on/off operations for years of reliability.

Typical applications include water towers, cellular phone towers, antennas, smoke stacks, skyscrapers and airport perimeter fencing. For the number and placement of lights, the required duration of operation, and recommendations for specific types of structures, refer to FAA Advisory Circular No. 70/7460-1K.



## RED AVIATION OBSTRUCTION LIGHT (810DE)



### SPECIFICATIONS

Lamp Life:*	8,000 hours	8,000 hours
Lamp Style:	Incandescent	Incandescent
Operating Temperature	-35°F to 150°F	-37°C to 40°C
Net Weight:	14 lbs.	6.35 kg
Shipping Weight:	15 lbs.	6.80 kg
Height:	13.1"	33.27 cm
Width:	15.0"	38.1 cm
Depth:	3.50"	8.89 cm

\* Optimal hours under ideal conditions.

### HOW TO ORDER

- Specify model, voltage and color
- Please refer to Model Number Index 810DE beginning on page 377

### REPLACEMENT PARTS

<u>Description</u>	<u>Part Number</u>
Lens, Red with Tether	K8449121A
Lamp, 116W	K8107234A