# **RELIANCE**

## **Obstruction Light**

## **Omnidirectional elevated**



### **Compliance with Standards**

FAA: L-810(L) AC 150/5345-43 (Current Edition) and the FAA Engineering Briefs No. 67 and No. 98. ETL Certified.

ICAO: Annex 14, Vol. 1, para. 6.3, Type A & B

T/C: Canadian Standard 621, Tables 13-3 and 13-4; Canadian

Standard 621 Figures 13-2

#### Uses

#### FAA L-810(L), ICAO, T/C

Steady-burning red light fixture marking all fixed obstructions to eliminate air navigational hazards.

#### **Features**

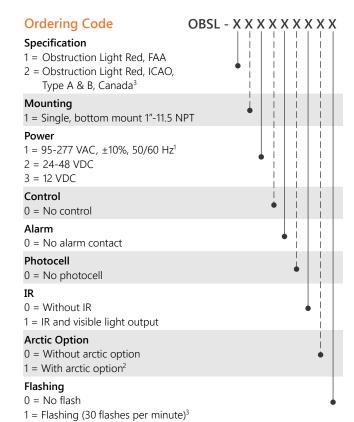
- Optional IR output is compatible with Night Vision Goggles. See FAA Engineering Brief No. 98 for additional information.
- Average individual LED life of 100.000 hours.
- Very low power rating for LED lights contributes to a lower life cycle cost.
- OBSL-L with arctic option uses a thermostatically controlled heater to prevent ice and snow buildup from obscuring light output. Melts ice similar to traditional incandescent fixtures.
- Offers longer intervals between maintenance, resulting in lower life cycle costs.
- · Direct replacement for existing incandescent fixture.
- · All parts are corrosion-resistant.
- Mounting Hub Standard bottom port ready to receive a 1-inch to 11.5 TPI NPT.
- Gasket seal between lens cap and fixture base prevents moisture penetration.
- Rugged surge protection Designed to comply with lightning protection requirements per Category C1 of ANSI/IEEE C62.41-1991.
- Fixture uses aluminum casting and stainless steel hardware and is protected with aviation yellow powder coat finish.
- Separate earth ground wire, connected to body, provided on all fixtures.

### **Operating Conditions**

Temperature:  $-40 \,^{\circ}\text{F} \text{ to } +131 \,^{\circ}\text{F} / -40 \,^{\circ}\text{C} \text{ to } +55 \,^{\circ}\text{C}$ 

Humidity: 0 to 100%

Wind speeds: Up to 150 mph / 240 kph



Fixture (without heater) is designed to operate from 95 VAC (min.) to

When powered by a parallel circuit, heater is designed for use at only

277 VAC (max.), 50/60 Hz.

120 VAC, ±10%, 50/60 Hz.

Not ETL Certified

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DS-3086-v2.0

# **RELIANCE**

# **Electrical Supply**

Single OBSL-L with heater	VA Load
120 VAC:	24.21 VA
120 VAC with IR:	27.2 VA
Single OBSL-L without heater	VA Load
95-277 VAC	9.21 VA
95-277 VAC with IR:	12.2 VA
12 VDC:	6.47 VA
12 VDC with IR:	9.51 VA
24 VDC:	6.44 VA
24 VDC with IR:	9.49 VA
48 VDC:	6.63 VA
48 VDC with IR:	9.59 VA

# **Packaging**

Single OSBL-L	
Actual fixture	3.69 in diameter x 10.8 in height / 9.37 cm diameter × 27.43 cm height
In cardboard box	6.5 × 6.5 × 20.5 in / 16.5 × 16.5 × 52 cm
Fixture weight	1.95 lb / 0.88 kg
Net weight	2.4 lb / 1.09 kg

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