



**L-810 Low Intensity Red  
Incandescent Obstruction Lights**

# Obstruction Lights

Honeywell's low intensity obstruction lighting products are designed to meet international aerial navigation requirements for obstruction lighting applications. Applications include television, radio, communications, microwave, transmission line towers, wind cones and other objects requiring navigational or obstruction lighting.

The family of low-intensity lighting product consists of single and double lights with various features to meet your specific application needs.

## Single Obstruction Lights

The OB20 and OB21 single obstruction lights are equipped with a screw base lamp receptacle. The fixtures are cast aluminum and utilize flange type red fresnel lenses. The fixtures are available with either bottom entrance (OB20) or side entrance (OB21) for 3/4" or 1" conduit fittings. The fixtures are suitable for use with 120 or 230 VAC lamps.

Certified to: FAA AC 150/5345-43E  
Compliant to:  
Transport Canada CAR 621.19  
ICAO Annex 14  
USAF AFMAN 32-1076

### Models

OB20A31	3/4" bottom conduit entrance
OB20A41	1" bottom conduit entrance
OB21A31	3/4" side conduit entrance
OB21A41	1" side conduit entrance





## Double Obstruction Lights

The OB22 and OB24 double obstruction lights are equipped with two screw base lamp receptacles. The fixtures are cast aluminum and utilize flange type red fresnel lenses. The fixtures are available with either side entrance or bottom entrance for 3/4" or 1" conduit fittings. The fixtures are suitable for use with 120 and 230 VAC lamps.

### Models

OB22A31	3/4" bottom conduit entrance
OB22A41	1" bottom conduit entrance
OB24A31	3/4" side conduit entrance
OB24A41	1" side conduit entrance

## Double Obstruction Lights With Automatic Transfer Relay

In many circumstances it is highly desirable, or required, to employ a lamp transfer relay with a double obstruction light. Upon failure of the first lamp, the relay will transfer power to the second, or standby lamp. The relay is mounted within the fixture base. This relay is of the single pole, single throw, normally closed type. Only one lamp in the double obstruction light is energized when a transfer relay is used. The fixtures are suitable for use with 120 and 230 VAC lamps.

### Models

OB22A41TM1	3/4" or 1" bottom conduit entrance
OB24A41TM1	3/4" or 1" side conduit entrance



## Photometric Specifications

**Beam Spread:** 360° Horizontal  
3° Minimum Vertical

**Effective Intensity:** ≥ 32 Candela

## Mechanical Specifications

**Base Material:** Cast aluminum with aviation orange, powdercoat paint finish.  
**Lens:** Heat resistant glass, red.

## Single Obstruction Light

**Dimensions:** 230mm H x 140mm W x 140mm L  
(9"H x 5.5"W x 5.5"L)  
**Weight:** 1.8 Kg (4 Pounds)

## Double Obstruction Light

**Dimensions:** 235mm H x 140mm W x 292mm L  
(9.25"H x 5.5"W x 11.5"L)  
**Weight:** 3.75 Kg (8.25 Pounds)

## Environmental Specifications

**Temperature:** -55°C to +55°C  
(-67°F to 130°F)  
**Humidity:** 95% Relative Humidity  
**Miscellaneous:** Will withstand exposure to wind-blown rain from any direction, salt-laden atmosphere and windspeeds of 240 kph (150 mph).

## Spare Parts and Accessories

LH116120GE	Lamp 120 VAC, 116 Watts
FL02B02810	Red Fresnel Lens
XLCB4S200	Lamp Receptacle
A6A0008AG	Neoprene Gasket
LH116230 DT	Lamp 120 VAC, 116 Watts

## **Find out more**

For more information about obstruction lighting products call 877-285-4466 or 937-484-2000 and visit [www.oblighting.com](http://www.oblighting.com).

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