

## Obstruction Lights

FAA Type: L-810 Steady  
Burning Obstruction Light

ICAO Type: Low-Intensity  
Obstacle Light

### *Single Obstruction Lights*

Certified to: FAA AC 150/5345-43E  
Compliant to: Transport Canada TP312E  
ICAO Annex 14  
USAF AFMAN 32-1076

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 side entrance (OB20) or bottom entrance (OB21) for 3/4" or 1" conduit fittings. The fixtures are suitable for use with 120 VAC lamps.

### *Models*

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

### *Application*

Honeywell obstruction lights are designed for the lighting of television, radio, communications, microwave, transmission line towers, and other obstructions to aerial navigation as specified by the FAA, FCC, ICAO, DGAC of Mexico and Transport Canada. They are also used with wind cones and other elevated airfield lighting products.



# Obstruction Lights

## Photometric Specifications

Beam Spread: 360° Horizontal  
3° Minimum Vertical

Effective Intensity:  $\geq 32$  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

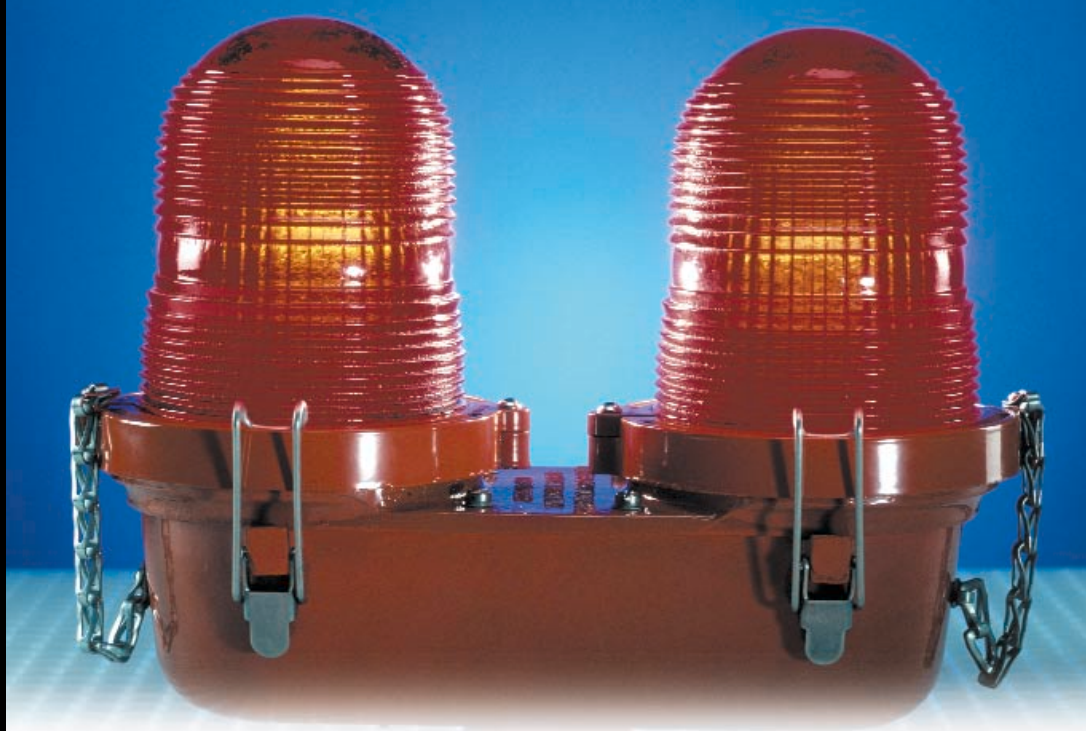
Miscellaneous: Will withstand exposure to wind-blown rain from any direction.

Will withstand exposure to salt-laden atmosphere.

Will withstand windspeed of 240 kph (150 mph).

## Spare Parts and Accessories

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



## 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 VAC lamps.

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## 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.

## Models

OB22A31TM1	3/4" bottom conduit entrance
OB22A41TM1	1" bottom conduit entrance
OB24A31TM1	3/4" side conduit entrance
OB24A41TM1	1" side conduit entrance

# Honeywell

## Honeywell Obstruction Lighting

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