



Flight Light Inc.
2708 47th Ave.
Sacramento, California, U.S.A.
95822-3806



Obstruction Lights
Type: L-810
Hughey & Phillips

PH (916) 394-2800 FX (916) 394-2809
TF (800) 806-3548 EM info@flightlight.com

Type: L-810 Steady Burning
Obstruction Light; FAA AC
150/5345-43E

Compliant to: Transport Canada
TP312E

ICAO Annex 14; Low-Intensity
Obstacle Light

USAF AFMAN 32-1076

Application

Our 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.

- Fixtures are equipped with a screw base lamp receptacle.
- Fixtures are cast aluminum and utilize flange type Red Fresnel lenses.
- Fixtures are available with either side entrance or bottom entrance for 3/4" or 1" conduit fittings.
- Fixtures are suitable for use with 120 VAC lamps.



Single Obstruction Lights

Model No.

- 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

Model No.

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

Visit our web site: www.flightlight.com



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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.

Double Obstruction Lights with Automatic Transfer Relay

Model No.

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

Specifications:

Photometric Specifications

Beam Spread: 360° Horizontal; 3° Minimum Vertical
Effective Intensity: > or = 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, 5.5"W x 5.5"L)

Weight: 1.8 Kg (4 lb.)

Double Obstruction Light

Dimensions: 235mm H x 140mm W x 292mm L
(9.25"H, 5.5"W x 11.5"L)

Weight: 3.75 Kg (8.25 lb.)

Environmental Specifications

Temperature: -55°C to +55°C (-67°F to 130°F)

Humidity: 95% Relative Humidity

Misc: 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

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