

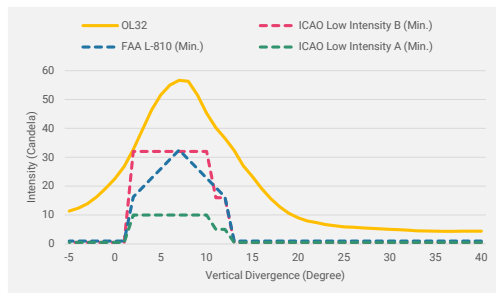
OL32S LED Low Intensity Single Aviation Obstruction Light

•ICAO LIOL-A, LIOL-B, LIOL-E •FAA L-810, L-810(F)



COMPLIANCE

- Obstacle Light Low Intensity Type A, Type B and Type E, ICAO Annex 14 Volume I July 2016
- L-810 and L-810F, FAA AC No. 150/5345-43F
- DGAC Mexico



APPLICATIONS

- Telecommunication Tower
- TV/Radio Tower
- Transmission Tower
- High-rise building
- Industrial Chimney & Cooling Tower
- Tower Crane
- Bridge
- Wind turbine
- Airfield & helipad
- Storage tank & Water tower
- Oil & Gas offshore platform

OVERVIEW

OL32 series is ICAO certified low intensity obstruction lighting model. Complying with ICAO low intensity type A&B&E and FAA L-810 & L-810F, the effective intensity of OL32 exceeds 32.5 candelas under both steady and flashing modes.

OL32S LED module consists of 8 ultra-bright Philips LEDs. The polycarbonate Fresnel lens concentrates and distributes LED light beams to output standard-compliant intensity and distribution. The efficient optical system and low-energy circuit design make the light only consume 4 watts.

With a G3/4" universal threaded hub on the bottom, OL32S can be mounted on a conduit or with REDDOT brackets designed for towers and buildings. There is a terminal block on its power board inside for wiring. Prewired cable makes wiring easier without opening light head.

OL32S single obstruction light can be used on top of structures less than 45m. In most cases, multiple OL32S single lights are installed in one or more horizontal levels for marking a structure's outline with medium intensity obstruction lights.

FEATURES

- 8 pcs of 0.5W Philips LEDs, reliable light source ensures long lifespan
- The efficient optical design provides excellent light distribution
- Internal LED driver and constant current regulator make the light illuminate steadily
- 96% more energy-saving than traditional 100W incandescent light bulb
- PCB integrated LED module and circuit provide better vibration resistant than E27 type
- GE polycarbonate dome, UV-stabilized
- Bird spike for preventing birds from landing and nesting
- Aluminum base with powder painted, corrosion-resistant
- Silicon gasket enhances waterproof
- G3/4" threaded bottom entry for easily mounting
- Stainless steel safety rope protects light head from fall-off during maintenance
- Built-in 6-pin terminal block for connecting power and alarm
- Prewired cable for easy wiring job without opening light head
- Built-in photocell for auto on/off is available
- Both NO and NC dry alarm contacts are available
- Protection: Polarity reverse, overvoltage and shortcircuit



SPECIFICATIONS

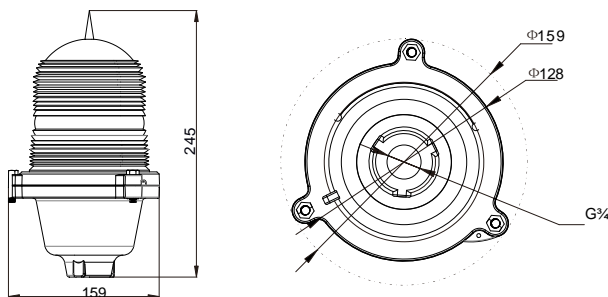
| Item | | OL32S Specifications |
|----------------------|-----------------------|---|
| LIGHT OUTPUT | Effective Intensity | >32.5cd |
| | Vertical beam | >10° |
| | Horizontal Spread | 360° |
| | Light Source | Philips LEDs |
| | LED Color | Red |
| | LED Lifespan | 100,000 Hours |
| OPERATION | Flash Pattern | Steady burning / Flashing (20FPM as default) |
| POWER SUPPLY | Input Voltage | 85-265VAC, 50-60Hz / 48VDC / 24VDC / 12VDC |
| | Power Consumption | 4W |
| MECHANICAL STRUCTURE | Lens | Material: Polycarbonate, UV Stabilized Color: White transparent (Standard) / Red (Optional) |
| | Body | Aviation yellow powder-coated die-casting Aluminum |
| | Mounting | G3/4" threaded bottom entry |
| | Net Weight | 0.9KG |
| | Dimension(W*H) | 159mm*245mm |
| | Protection | •IP65 (Standard) •IP67 (With REDDOT 3-piece waterproof fitting) |
| | Operation Temperature | -40°C~+70°C |
| | Operation Humidity | 0-95% RH non-condensing |
| | Wind resistance | Max.240kph |
| OTHERS | Optional | •Built-in photocell •Dry alarm contacts •3-piece waterproof fitting for IP67 •Red Lens |
| | Warranty | 5 years |

ORDERING CODE

| Main P/N | Voltage | Flashing | Photosensor | Alarm Relay |
|----------|------------------|------------------|-------------------------------|----------------------------------|
| OL32S | A220 (85-265VAC) | [Blank] (Steady) | [Blank] (without photosensor) | [Blank] (without Alarm Contacts) |
| | A120 (85-265VAC) | F (Flashing) | P (with photosensor) | R (with Alarm Contacts) |
| | D48 (48VDC) | | | |
| | D24 (24VDC) | | | |
| | D12 (12VDC) | | | |

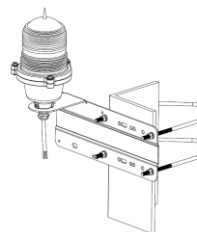
E.g.: OL32SA120P = LED low intensity single obstruction light, 85-265VAC, red steady>32cd, with built-in photocell

DIMENSIONS



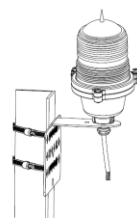
MOUNTING

U-bolt mounting



AKU30150-VB bracket (U-bolt holders)
for dia.30-150mm
angular/tubular structures

Cable-tie mounting



AKU30150-CT bracket (Cable tie
holders) for dia.30-150mm
angular/tubular structures