

OL32S LED Low Intensity Single Aviation Obstruction Light

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



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.

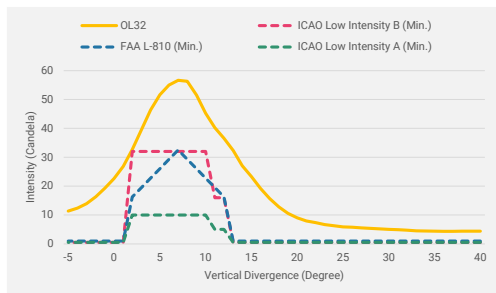
OL32S LED module consists of 8 ultra-bright Philips LEDs. The polycarbonate Fresnel lens concentrates and distributes LED light beams to output standard-compliant intensity and distribution. The efficient optical system and low-energy circuit design make the light only consume 4 watts.

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.

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

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

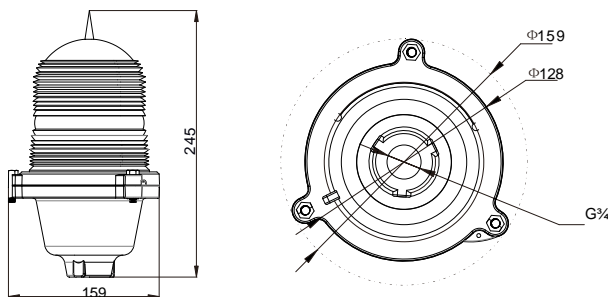
Item	OL32S Specifications	
LIGHT OUTPUT	Effective Intensity	>32.5cd
	Vertical beam	>10°
	Horizontal Spread	360°
	Light Source	Philips LEDs
	LED Color	Red
	LED Lifespan	100,000 Hours
OPERATION	Flash Pattern	Steady burning / Flashing (20FPM as default)
POWER SUPPLY	Input Voltage	85-265VAC, 50-60Hz / 48VDC / 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)			

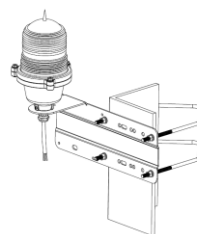
E.g.: OL32SA120P = LED low intensity single obstruction light, 85-265VAC, red steady>32cd, with built-in photocell

DIMENSIONS



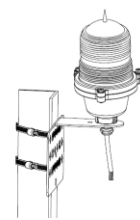
MOUNTING

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