

YOL100 LED Based Low Intensity Obstruction Light



Yuan sheng YOL100 LED Low Intensity Obstruction Light series is a 100cd (candela) LED light designed for airway fixed obstacle marking application. It complies with ICAO & FAA regulation. It shares the same mechanical design with YOL10, but comes with high power LED. Use constant current LED driver IC, Compared with similar products, constant flow effect is good and the service life is longer.

YOL100 Series

Intensity	100cd, steady
Compliant with	ICAO: low intensity type B
	FAA: L810
	DGAC Chile

Features

- LED light source ensures long life time, maintenance free
- Low power consumption
- Shock and vibration resistant
- Corrosion resistant and UV stable polycarbonate housing
- Ease of mount, mount accessories available
- Available both in single and double type
- 5 years warranty
- Special optical design provides better light distribution

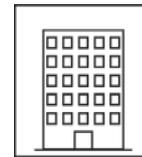
Application

- Telecomm tower
- Radio tower
- Wind turbine
- Smoke stacks & chimney
- Tall building
- Crane
- Power transmission line

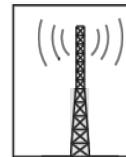
Standard

- ICAO Annex 14, 4th Edition, July 2004
- ICAO low intensity, type B
- FAA AC No. 150/5345-43F, 2006
- FAA type L810
- DGAC Chile

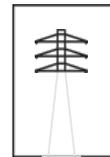
APPLICATIONS



buildings



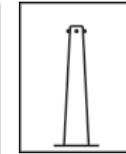
telecomm towers



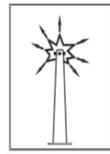
power lines



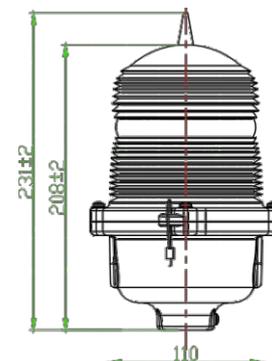
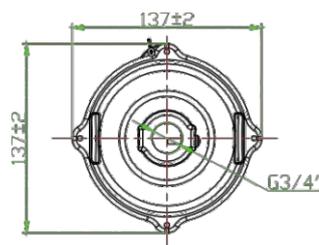
wind turbines



chimneys



flare stacks

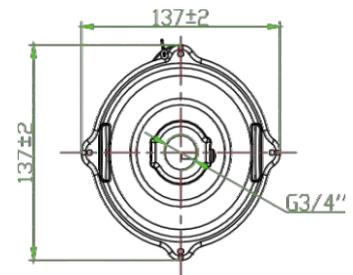
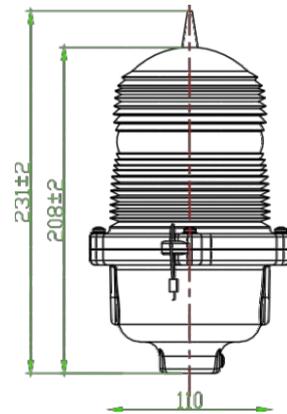


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Specifications

LIGHT OUTPUT	YOL100S(Single)
Effective Intensity	100 Candela
Vertical Divergence	10 Degree
Horizontal	360 Degree
LED color	Red
LED lifespan	100,000 Hours
OPERATION	
Flash Pattern	Steady burning(default)
POWER SUPPLY	
Input voltage	110-220VAC, 50/60 Hz
Power Consumption	6W
MACHANICAL STRUCTURE	
Lens	Polycarbonate, UV Stabilized
Body	Die-casting Aluminum
Water-proof	IP 65
Weight	0.9 KG
Dimension	159mmx245mm
Mounting Size	Threaded 3/4" bottom hub
Temperature Range	-40C°~ +55C°
Relative Humidity	100% with condensation
Wind speed	Up to 150mph(240kph)
Warranty	5 years
Optional	Available in flashing pattern(40FPM) Available with built-in photosensor Available with built-in alarm relay contacts



Order codes

Series	Single/Double	Flashing/steady	Photosensor	Alarm relay	Pattern(For double light only)
YOL100	S		P		

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