

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 comply with ICAO & FAA regulation. It shares the same mechanical design with YOL10, but comes with more LED.

YOL100 Series

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

YOL100 series double light

Double light is integrated by 2 single lights. For making sure there is always a light working atop of the tower. Two optional working patterns can meet different area's customers.

- "Service+Standby": Only "service light" is working normally. It will auto-transfer to "standby light" in case of "service light" failure
- "Service+Service": Two single lights work simultaneously. Either failure will not affect the other normal working.

Features

- Special optical design provides better light distribution
- LED light source esures long lifetime, 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

Application

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

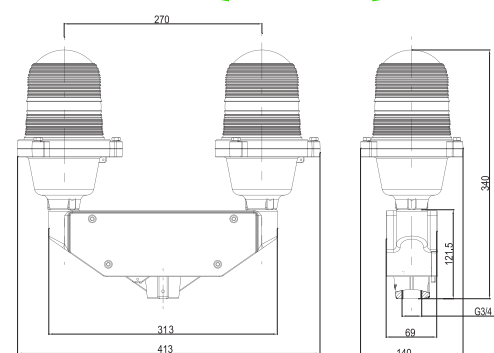
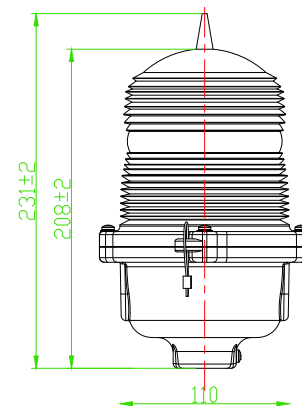
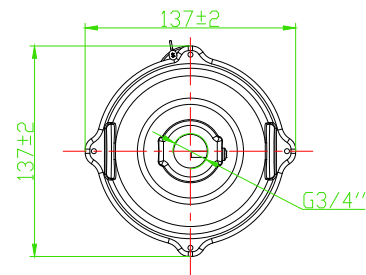
Standard

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



Specifications

LIGHT OUTPUT	YOL100S(Single)	YOL100DST1(Double)	YOL100DSS2(Double)
Effective Intensity	100 Candela	100 Candela	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;12VDC;24VDC;48VDC		
Power Consumption	6W	6W	12W
MACHANICAL STRUCTURE			
Lens	Polycarbonate,UV Stabilized		
Body	Die-casting Aluminum		
Water-proof	IP65		
Weight	0.9KG	3.5KG	3.5KG
Dimension	159mmx245mm	340mmx413mmx140mm	340mmx413mmx140mm
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		



① ST: "Service+Standby"

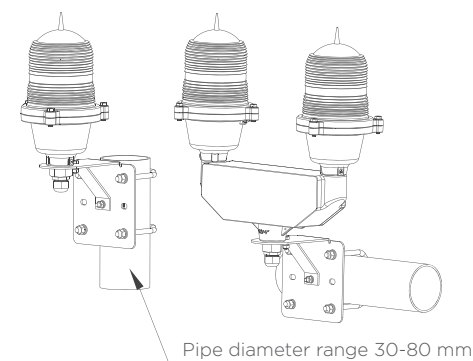


② SS: "Service+Service"

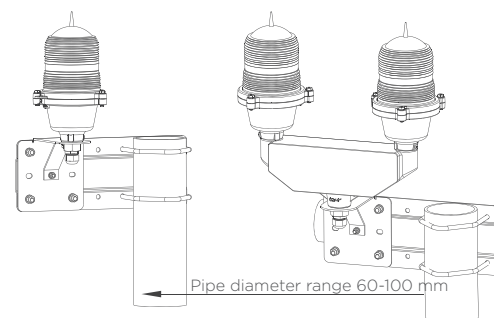
Order codes

Series	Single/Double	Flashing/steady	Photosensor	Alarm relay	Pattern(For double light only)
YOL100	S	F	P	R	ST
	D	S			SS

For example YOL100SSPR means YOL100 single light red steady burning with alarm relay contacts. We YOL100 series product 24Vdc 48Vdc 110vac 220vac is the same . but if you need double light or other voltage need to explain(12VDC,24VDC,48VDC, 220VAC)



Ordering Code: AMU80
Mounting kit for 30-80mm vertical or horizontal pipe



Ordering Code: AM100
Mounting kit for 60-100mm vertical pipe

Photometric Performance

Light Effective Intensity (candela)

