

SOL32 LED Based Low Intensity Obstruction Light

Our SOL32 low-intensity aviation light employs a high-performance single LED light sources, which can stably output red or white light and fully comply with the standards of the International Civil Aviation Organization. The lamp body adopts a sturdy and durable, weather resistant shell design, which can ensure stable long-term operation under various harsh environmental conditions. With its low power consumption and high energy efficiency, this aviation obstruction light provides an economical and efficient solution for aviation facilities, which can improve operational safety and meet regulatory compliance requirements.

SOL32 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 ensures 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
- 3 years warranty

Application

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

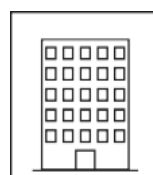
Standard

- Australia CASA Mos Part 139
- Uk CAP 168 Low intensity Obstacle
- ICAO Annex 14, 4th Edition, July 2016
- ICAO low intensity, type B
- FAA AC No. 150/5345-43F
- FAA type L810
- DGAC Mexico

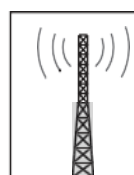
SOL32 Series

Intensity	32.5cd, steady
Compliant with	ICAO: low intensity type B
	FAA: L810
	DGAC Mexico

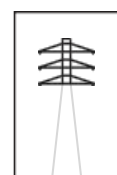
APPLICATIONS



buildings



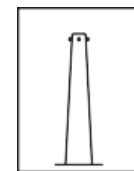
tlc towers



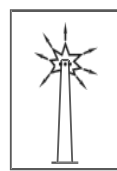
power lines



wind turbines



chimneys

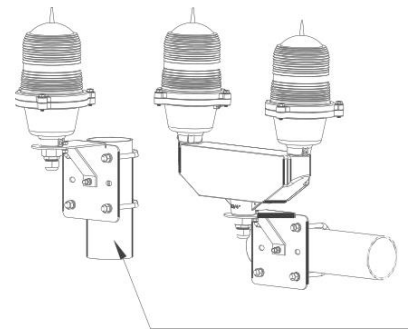
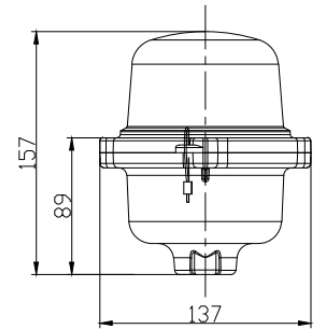
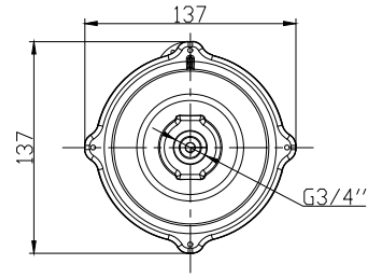


flare stacks



Specifications

LIGHT OUTPUT	SOL32S(Single)	SOL32DST® (Double)	SOL32DSS ©(Double)
Effective Intensity	32.5 Candela	32.5 Candela	32.5 Candela
Vertical Divergence	10 Degree		
Horizontal	360 Degree		
LED color	Red, Green,yellow,whrite		
LED lifespan	100,000 Hours		
OPERATION			
Flash Pattern	Steady burning(default)		
POWER SUPPLY			
Input voltage	110-380VAC, 50/60 Hz;12VDC;24VDC;48VDC		
Power Consumption	2W	2W	5W
MACHANICAL STRUCTURE			
Lens	Polycarbonate, UV Stabilized		
Body	Die-casting Aluminum		
Water-proof	IP 65		
Weight	0.5 KG	3KG	3KG
Dimension	137mmx157mm	279mmx407mmx 137mm	279mmx407mmx 137mm
Mounting Size	Threaded 3/4" bottom hub		
Temperature Range	-40C°~ +55C°		
Relative Humidity	100% with condensation		
Wind speed	Up to 150mph(240kph)		
Warranty	3 years		
Optional	Available in flashing pattern(40FPM) Available with built-in photosensor Available with built-in alarm relay contacts		



Pipe diameter range 30-80 mm

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



① ST: "Service+Standby"



② SS:"Service+Service"

Order codes

Series	Single/Double	Flashing/steady	Photosensor	Alarm relay	Pattern(For double light only)
SOL32	S	F	P	R	ST
	D	S			SS

For example SOL32SSPR means SOL32 single light red steady burning with alarm relay contacts. We SOL32 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)

