YSL10D Double Solar powered Aviation obstruction light

Based on Yuansheng YSLL10,YSL10D is a °twin – model which can be working synchronization. An internal solar panel comes with each single light of YSL10D, provides power supply to the light, which makes YSL10D a self-contained and care-free light unit. Also, with the solar function, the light is easy to deploy

to almost any condition and any emergency case. Robust body built and surface coating provides good protection against hash environments.

YSL10D is equipped with an 8Ah NiMH rechargeable battery for each single which could power the light up to 20 days in flashing mode when the weather is cloudy & rainy. NiMH battery is also a clean power source with no pollution. The NiMH battery is also easy to find almost anywhere.

"Service +Standby": Only "service light" is working normally. It will auto-transfer to "standby light" in case of "service light" failure The main light will continue to signal the slave light. If the signal from the main light can not be received over 5 minutes , the slave light will start work independently.

"Service +Service": Two single lights work simultaneously. Either failure will not affect the other normal

working.

Features

- Ultra-Bright LED, energy saving
- Self-contained without outside power supply
- Maximum visibility distance 4 KM
- Once fully charged, it can work for up to 200hours
- Auto-off after being packed for 18 hours
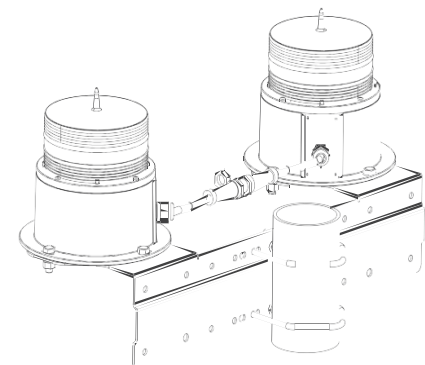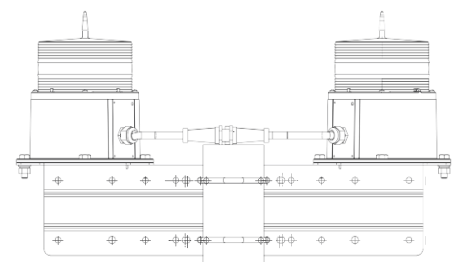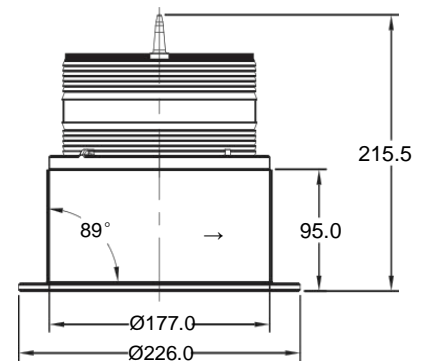- Either single light fails will not affect the other normal working
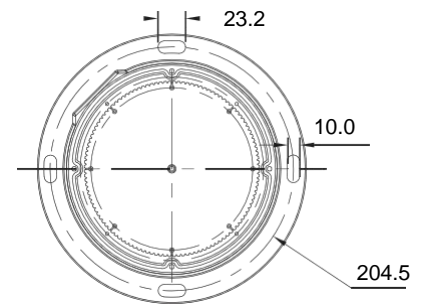
Application

- High-rise building marking
- Telecom tower marking
- Road obstruction marking
- Navigation aid
- Port, dock entrance & walkway
- Buoy marking
- Offshore gas & oil platform

Specifications

LIGHT OUT-PUT		
Intensity	**FLASHING**	
	●Red: >10cd ●Green:>20cd ●Yellow: >10cd ○White:>25cd ●Blue:>5cd	
	STEADY	
	●Red: >4cd ●Green:>8cd ●Yellow: >4cd ○White:>10cd ●Blue:>2cd	
Nominal Night Range	>4 KM	
LED Color Available	Red	
Vertical Divergence	10 Degree	
Horizontal Out-put	360 Degree	
Illumination	Ultra-bright LEDs	
Led Lifespan	100,000hours	

OPERATION	
Autonomy	Flashing : 200 Hours / Steady : 100 Hours
On & Off Level	70/100 Lux
Flash Pattern	40FPM default (can be preprogrammed to a specified flashing rate upon customer request)

POWER SUPPLY	
Power Source	Solar module, mono-crystalline silicon
Solar Efficiency	13.5%
Max. Power Out-put	1.8 Watts
Battery Type	High-efficiency NiMH rechargeable battery
Battery Capacity	8 AH / 2*3.6V
Battery Replacement	Yes, replaceable

MACHANICAL STRUCTURE	
Lens	Polycarbonate, UV Stabilized
Body	Die-casting Aluminum
Water-proof	IP67
Weight	3.5 KG
Temperature range	-40C°~ +55C°
Dimensions	215.5mm H, 226mm Diameter
Warranty	5 years for light 2 years for NiMH battery

Note: when the light is in storage, please put it outside to charge the battery every 3 months

Yuan sheng AMS-D mounting kit: Ordering Code

Ordering Code	Suitable for pipe diameter	Installation type
AMS-D-80	30-80mm	Vertical
AMS-D-100	60-100mm	Vertical
AMS-D-150	100-150mm	Vertical