

LED Marine Navigation

Lanterns

AH-LS/P-2



This LED Marine Navigation Lanterns is completely sealed lantern.

There is two rotatory switch on PCB, user could change the light flashing characteristics(IALA 256 flashes) easily.

GPS sync flashing is optional, it ensure all different flash light could flash at the same time.

Compliance

- IALA E-200-1



Features

Electrical

- Based on LED technology, and its color complies to IALA Recommendations E-200-1.
- LED technology reduces maintenance time & costs
- Working voltage: 110-240vac, 12vdc, 48vdc

Physical

- Integrated design, enabling a rugged and completely waterproof seal capable of prolonged and deep immersion (IP68).
- PC housing, UV resistance, shockproof and corrosion proof.
- Bird deterrent spike
- Powder coated die casting aluminum base

System design

- Built-in photocell for day/night operation(dusk to dawn operation)

Optional

- Rotary switches for adjust 256 flash characteristics comply with IALA
- User-adjustable operation mode to toggle between dusk-till-dawn & 24hr operation
- External charger
- Wireless remote control
- Bluetooth remote control
- Infrared remote control
- GSM Monitoring
- RS232 485 port
- GPS sync flashing
- Solar panel & battery

Application

- AH-LS/P-2 LED Marine Navigation Lantern is used on buoy, light house and any other off shore site for marine/river safe navigation.



APPLICATION

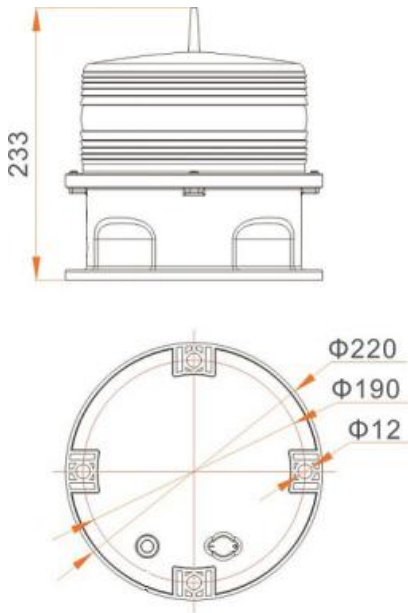


LED Marine Navigation

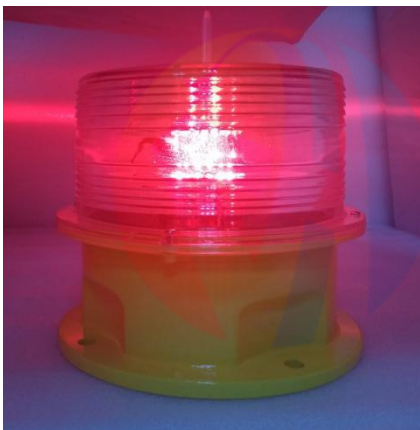
Lanterns

AH-LS/P-2

Dimension(mm)



Production Flow Chart



SPECIFICATIONS

AH-LS/P-2 LED Marine Navigation Lanterns

Light Characteristics

Light Source	LED
Available Colors	Red, Green, Yellow, White, Blue
Visible Range(NM)	6-10 (AT@0.74)
Horizontal Output(degrees)	360
Vertical Divergence(degrees)	10
Flash Characteristics	Adjustable Steady/Flash mode(others optional)
Operation Mode	Dusk-to-dawn Automatically (Built-in photocell)
LED Life Experience(hours)	>100,000

Electrical Characteristics

Operating Voltage	110-240VAC, 12VDC, 48VDC or others
Circuit Protection	Integrated

Physical Characteristics

Body Material	UV protected Polycarbonate
Base Material	Powder-coated Die-casting aluminum
Mounting(mm)	190×190×Φ12
Dimension(mm)	220×220×233
Weight(kg)	2.5
Product Life Expectancy	Average 5 years

Environmental Factors

Humidity	0~100%
Wind Speed	80m/s
Waterproof	IP68

Compliance

IALA	Signal colors compliance to IALA E-200-1
------	--

Options Available

Wireless Remote Control
GSM Monitoring
GPS sync flashing
RS232 485 port
Charging port
IALA 256 Light characters adjustable
Solar panel & battery