

# LP202A Ex-Proof Medium Intensity Obstruction Light




## Products description and application


The ex-proof medium intensity obstruction light is specially designed for offshore platform, oil tanker, petrochemical plant, oil tank and so on; Certified to explosive gas atmosphere zone 1 and zone 22, and explosive gas atmosphere IIA / IIB / IIC; Certified to combustible dust atmosphere zone 21 and zone 22; Suitable for T1-T6 temperature class.

## Features

- Aluminum alloy housing.
- PC lens, professional optics design.
- Tempered glass cover, 4J shock resistant, thermal shock resistant.
- Flameproof structure design.
- High corrosion resistant and vibration resistant ability.
- LEDs Long lifespan up to 100,000 hours.
- Constant current design, durable and reliable.

## General Specifications

Certificate Issued by	NEPSI	CQM	TÜV Rheinland (0035)
Certification No	GYB14.1826X	IECEX CQM 15.0002X	TÜV 15 ATEX 7675 X
Standard	GB3836.1-2010 GB3836.2-2010 GB12476.1-2013 GB12476.5-2013 MH6012-2015 ICAO Annex 14	IEC 60079-0:2011 IEC 60079-1:2014 IEC 60079-31:2013	EN 60079-0:2012 EN 60079-1:2014 EN 60079-31:2014
Marking	Ex d IIC T6 Gb Ex tD A21 IP66 T85 °C	Ex d IIC T6 Gb Ex tb IIIC T85 °C Db IP66	 II 2 G Ex d IIC T6 Gb II 2 D Ex tb IIIC T85 °C Db IP66

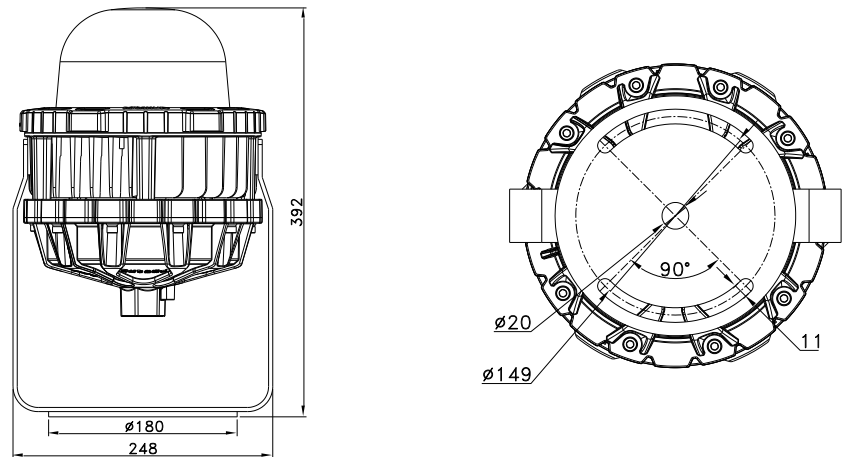
Electrical		Mechanical	
Rated Voltage	AC100V~240V,DC24V	Housing material	Aluminum Alloy
Frequency	50Hz~60Hz	Lens material	Tempered glass
Rated power consumption	30W	Humidity	0%~95%RH
Lamp source	LED	Operating temperature	Ta-40 °C ~ +60 °C
Lightning surge	MH6012 6kV	IP rate	IP66
Electrostatic discharge	MH6012 air discharge 8kV	Cable gland	M25X1.5
	MH6012 contact discharge 6kV	Housing color	Yellow 
EMC	MH6012	Weight	9.2 kg
Photometric			
Intensity	2000cd±25%	Flash rate	40 FPM
Vertical Beam angle	≥3°	Horizontal Beam angle	360°
Light color	Red		

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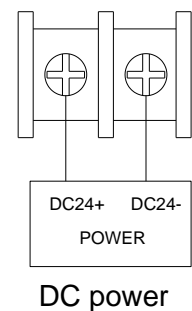
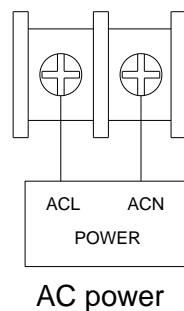


## Mounting dimensions

Unit: mm



## Wiring diagram



## How to Order

P/N	Model	Rated voltage	Rated power consumption	Light color	Marking
1000313-001	LP202AOA	AC100-AC240V	30W	Red	China/GB
1000313-002	LP202AOA	AC100-AC240V	30W	Red	IECEX
1000313-003	LP202AOA	AC100-AC240V	30W	Red	ATEX
1000313-004	LP202AOC	DC24V	30W	Red	China/GB
1000313-005	LP202AOC	DC24V	30W	Red	IECEX
1000313-006	LP202AOC	DC24V	30W	Red	ATEX

## Model definition

LP	2	0	2	A	O	A C
Explosion proof	S/N	Application Gas and Dust	Power Consumption 30W	Bracket mount	Ex-proof medium intensity obstruction light	[A] AC100V~240V [C] DC24V

Thanks for choosing our products, NANHUA Electronics is the professional brand of signal transmission and high quality industrial lighting which is trusted and loved by global users from various industries. Read and understand these instructions completely and carefully. Wrong installation and operation may lead to fires, electric shock, and others. Due to our continued efforts to improve our products, product specifications are subject to change without notice.

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