




LP202A Ex-Proof Medium Intensity Obstruction Light

 	<p>Products description and application</p> <p>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.</p> <p>Features</p> <ul style="list-style-type: none"> ▪ 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.
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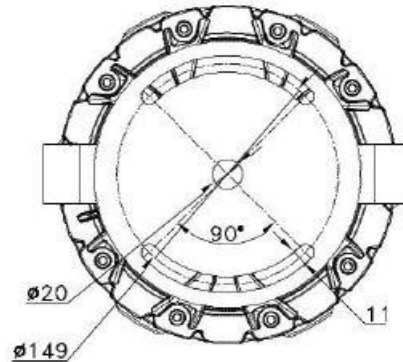
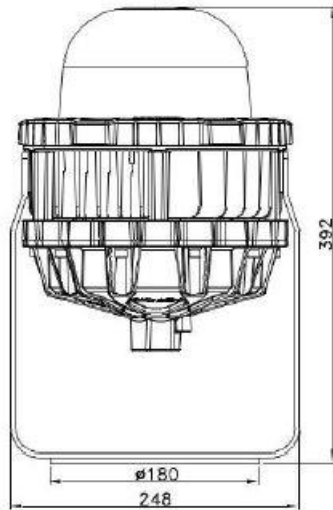
General Specifications

Certificate	NEPS1	CQM	TÜV Rheinland (0035)
Issued by Certification No	GYB14.1826X	IECEX CQM 15.0002X	TÜV 15 ATEX 7675 X
Standard	GB3836.1-2010 GB3836.3-2010 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 tDA21 IP66 T85 °C	Ex d IIC T6 Gb Ex tb IIIC T85 °C Db IP66	 G Ex d IIC T6 Gb II 2 D Ex tb IIIC T85°C Db IP66

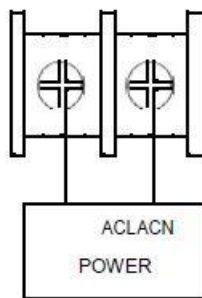
Electrical		Mechanical	
Rated Voltage	AC100V~240V,DC24V	Housing material	Aluminum Alloy
Rated power consumption	30W	Lens material	Tempered glass
Lamp source	LED	Humidity	10%~95%RH
Lightning surge	MH6012 6kV	Operating temperature	Ta-40°C ~ +60°C
Electrostatic discharge	MH6012 air discharge 8kV MH6012 contact discharge 6kV	IP rate	IP 66
Frequency	50Hz~60Hz	Weight	9.2Kg
EMC	MH6012	House color	Yellow
		Cable gland	M25X1.5
Photometric			
Intensity	2000cd±25%	Flash rate	40FPM
Vertical Beam angle	≥3°	Horizontal Beam angle	360°
Light color	Red		

Mounting dimensions

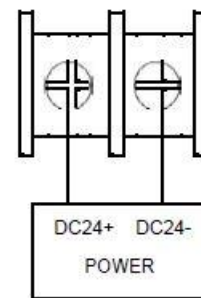
Unit mm



Wiring diagram



AC power



DC power

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	1	A	S	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