Explosion proof Obstruction Light

GYZD81 series

>200cd	>2000cd	>20000 cd



Applications

- A wide range of hazardous areas such as oil refineries, chemical and petrochemical plants, offshore plants, onshore plants, oil loading jetties, military ect.
- Tall buildings
- Areas requiring high ingress protection and wet environment
- Can be used in Zone 1, 2(gas) and Zone 21, 22 (dust)

Features

- Aluminum alloy with epoxy resin powder sprayed for superior corrosion resistance
- Ultra-bright LED lamp, low power consumption and long service life
- Saves in energy, maintenance and installation costs
- Solar panel is optional

Standard Materials

- Housing: Die-casting aluminum/Stainless steel
- Exterior: Stainless steel
- Globe: Tempered glass
- Gasket: Silicon rubber

Certifications

ATEX
CNEX
CE
RoHS
ISO9001

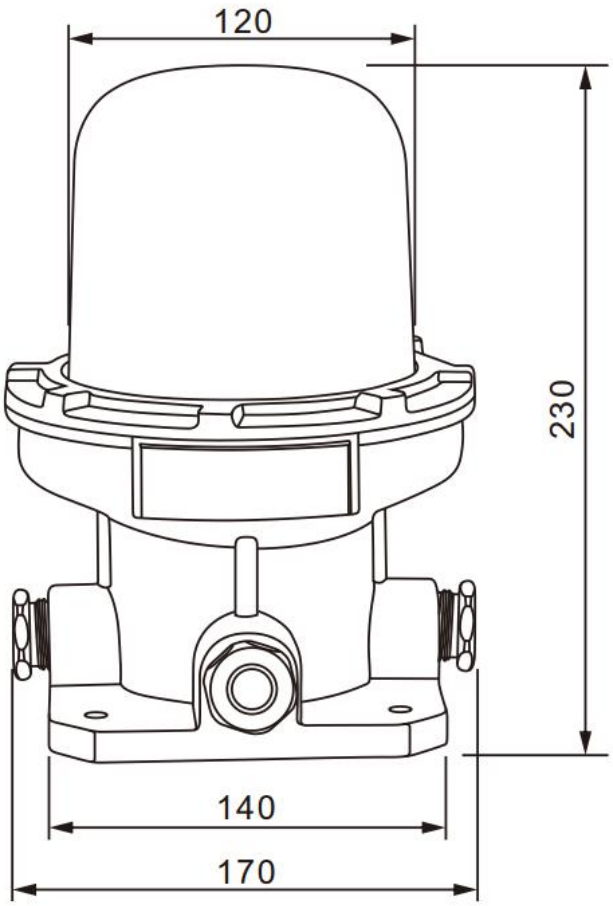
Technical Data

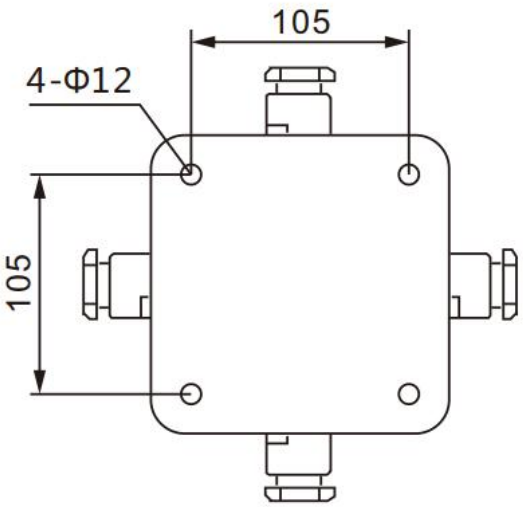
Ex Marking	**II 2 G Ex db IIC T6 Gb/ II 2 D Ex tb IIIC T80°C Db IP66**
Classification	Zone 1, 2 & Zone 21, 22
IP Degree	IP66
Input Voltage	AC220V, 50Hz
Synchronized Flashing (Wireless)	Optional
With solar panel	Optional
Light color	Red
Ambient temperature	-40℃~+70℃

Model	GYZD81-I	GYZD81-II	GYZD81-III
Effective Luminous Intensity	Low intensity >200cd	Medium Intensity >2000cd	High Intensity >20000cd
Power consumption	10W	20 W	40W
Light Source	LED	LED	Xenon lamp
Flash Rate (flash per minute)	20-60	20-60	16-60
Weight kg	2.8	4.8	6.0

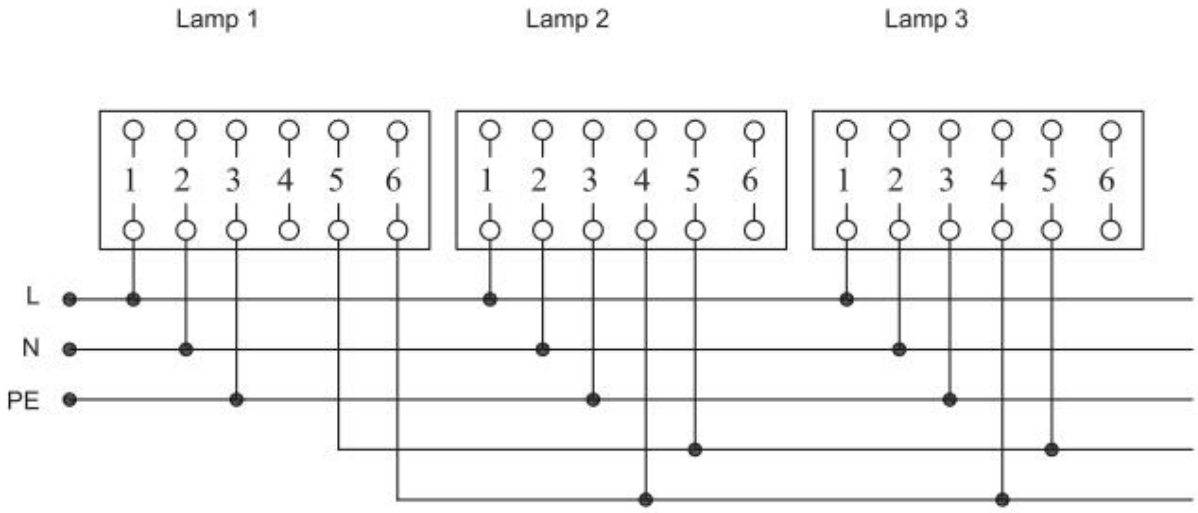
Dimensions (GYZD81-I)

(In millimeter)

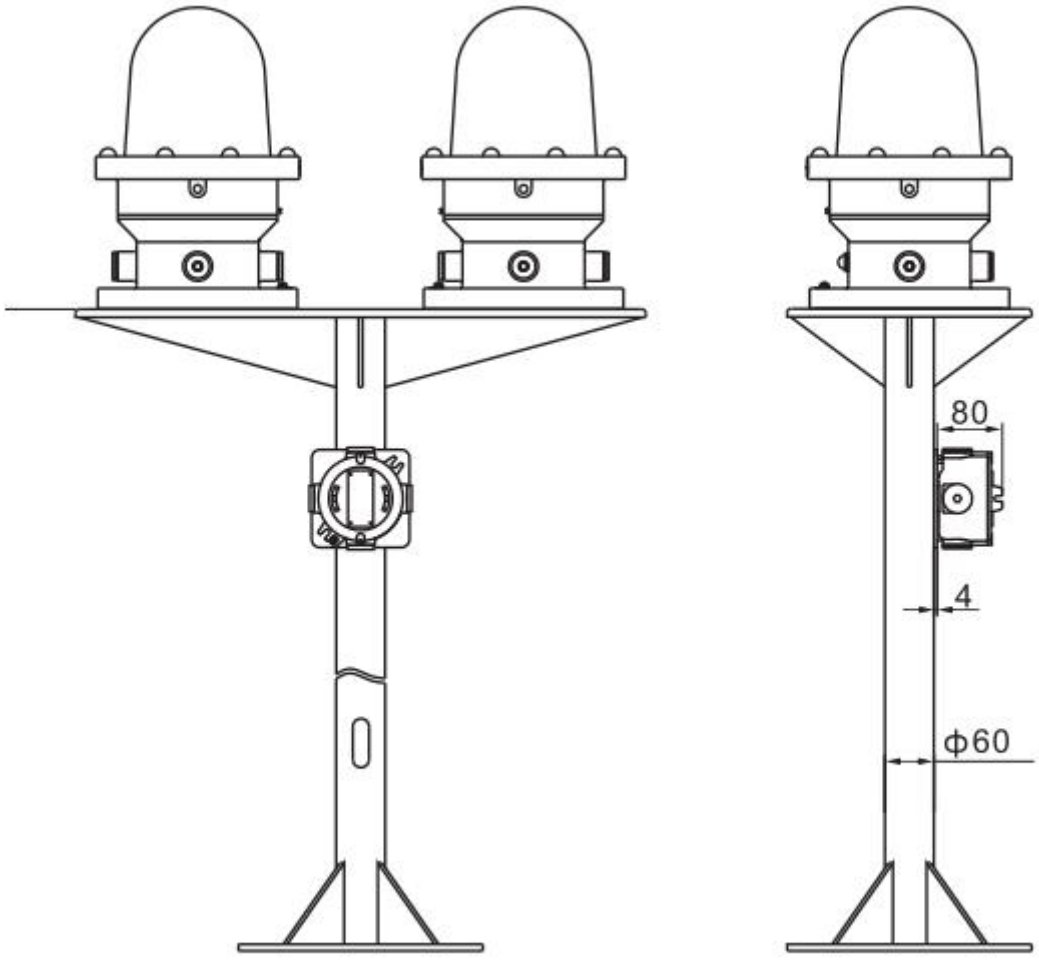




Wired sync connection diagram



Wired sync connection diagram



Drawings of main (spare) caution spotlight fittings