



■ Features:

- Zone1, 2& Zone21, 22
- Instant on crisp white light output
- High efficiency drivers and LEDs provide, low cost operation in harsh and heavy industrial applications
- Isolated LED compartment reduces temperature within driver housing

Applications

- Typical applications include:
- Oil and gas industries
- Chemical, petrochemical
- Pharmaceutical industries
- Pulp and Paper
- Waste and sewage treatment
- Power Generation

Standard Materials

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

Certifications

- PCEC
- ATEX
- RoHS
- ISO9001



50-100W Explosion Proof LED Light

GYD610 series


GYD6101



GYD6102



Explosion protection

European(ATEX)	CE 1282  II 2G Ex db eb IIC T6 Gb
Gas and Dust	II 2D Ex tb IIIC T80°C Db IP66
For use in	Zone1,2 & Zone21,22

Electrical data

Rated voltage	100-240VAC, 50-60Hz
Power factor	>0.95
THD	<20%

Luminous characteristics

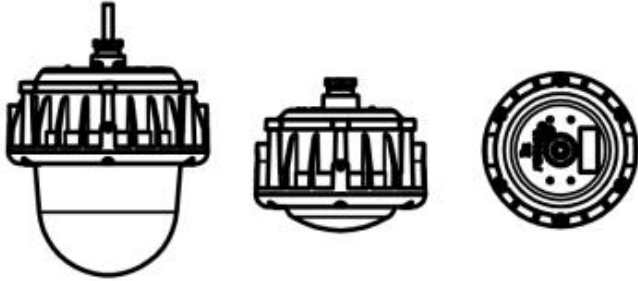
Power consumption [W]	20~50	50~100
Colour rendering [CRI]	80 (±2)	
Colour temperature [K]	5500-6000K	
Luminaire efficiency [Lm/W]	130	
Beam angle	120°	
Glass	Low convex glass; High convex glass	

Mechanical data

Degree of protection	IP66	
Cable entry	G 3/4"	
Dimension[mm]	176*176*140	224*224*262/164
Terminal	≤2.5 mm ²	
Mounting Styles	Pendant; Ceiling; Wall Bracket; Stanchion	
Warranty	5-Year	



Dimension

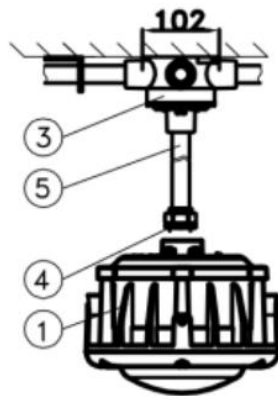


Type	L*W(mm)	H(mm)
GYD6101(low convex glass)	176*176	140
GYD6102(low convex glass)	224*224	164
GYD6102(High convex glass)	224*224	262

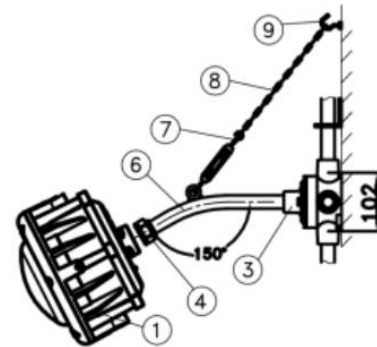
Installation



Ceiling Mount



Pendent

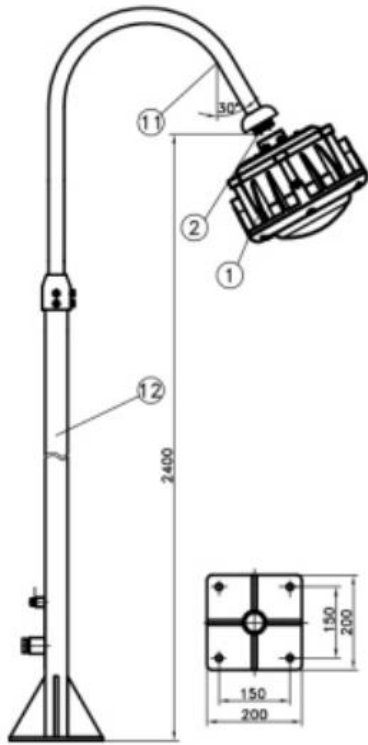


Wall Mount

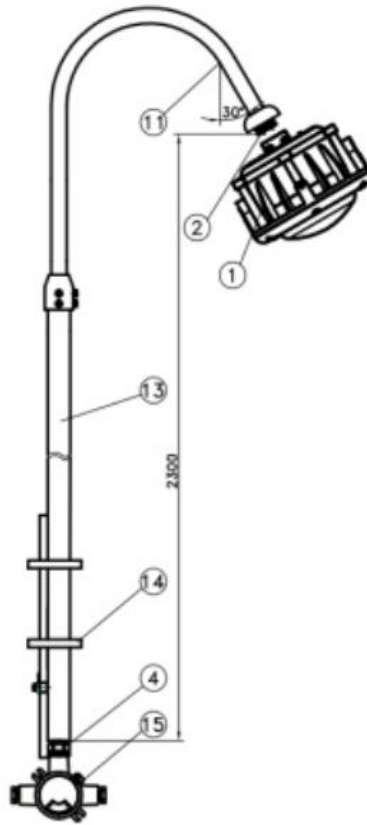


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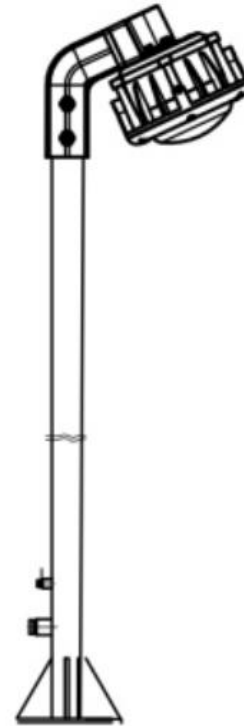
GYD610 series



Stanchion I



Stanchion II



Platform mount