



## SPECIFICATION FOR APPROVAL

CUSTOMER

MODEL NO.

PART NO.

APPLICATION

ISSUE DATE

REV. NO.

REV.DATE

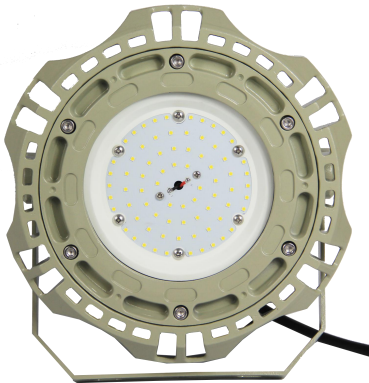
**GYD810 SERIES**

**2019.03.25**

FOR CUSTOMER APPROVAL	CHECKED BY
	Ivy
	APPROVED BY

## 20-300W LED explosion proof light

# GYD810 series



### ■ Features:

- Zone 1&2, Zone 21&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
- Multi choice of beam angle for 45° 90° 120°

## 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

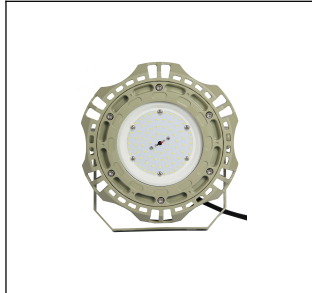
## Certifications

ATEX  
CNEX  
CE  
RoHS  
ISO9001

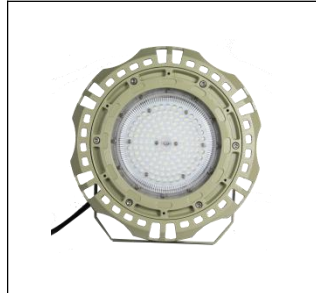
## 20-300W LED explosion proof light

# GYD810 series

GYD810-1



GYD810-2






GYD810-3



GYD810-4

Coming soon

### Explosion protection

European (ATEX) Gas and Dust 	<b>CE 1282</b>  II 2G Ex d e mb IIC T6 <b>CE 1282</b>  II 2D Ex td T80°C
For use in	Zone 1, 2 & Zone 21, 22

### Electrical data

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

### Luminous characteristics

Power consumption [W]	30-70	80~120	150~200	
Colour rendering [CRI]	70 (±2)			
Colour temperature [K]	6000-6500			
Luminaire efficiency [Lm/W]	115-130			
Beam angle	120° (45°, 90° is optional)			

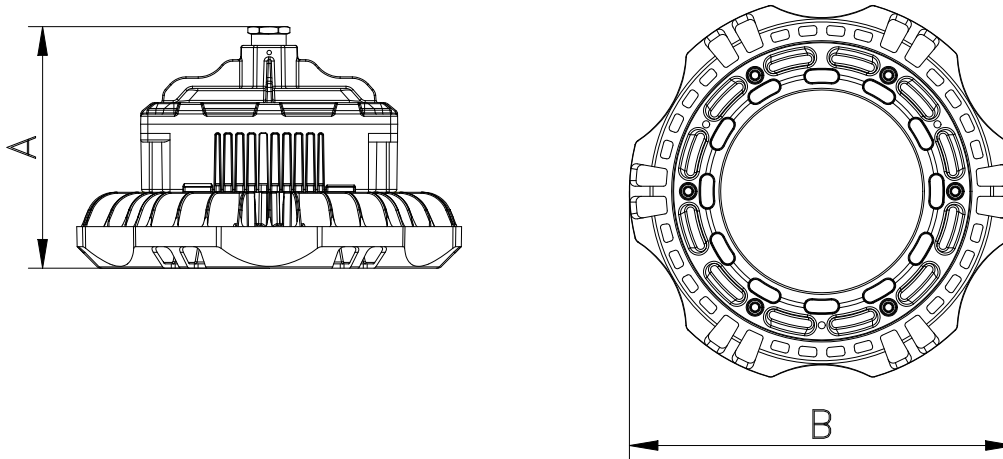
### Mechanical data

Degree of protection	IP66			
Cable entry	G 3/4"			
Weight [kg]	5	6.5	8.5	
Terminal	≤2.5 mm²			
Mounting Styles	Ceiling; Wall Bracket; Pendant			

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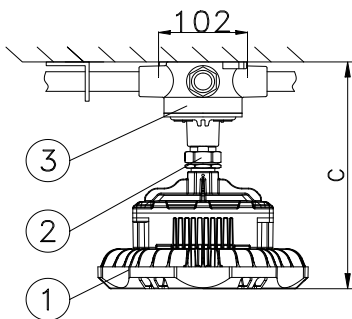
## GYD810 series

### Dimension [mm]

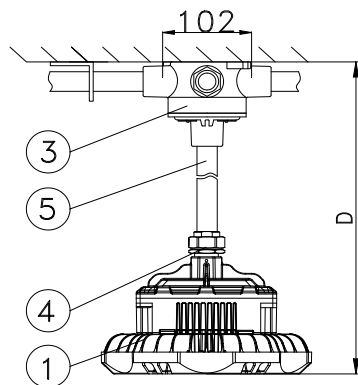


	A(mm)	B(mm)
GYT8101	170	□ 270
GYT8102	170	□ 320
GYT8103	170	□ 360
GYT8104	175	□ 400

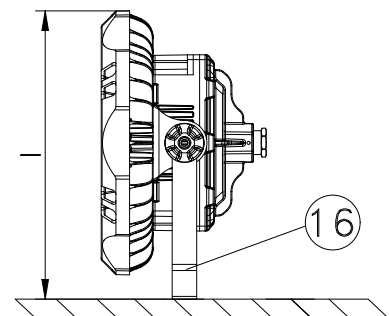
### Installation



Ceiling Mount



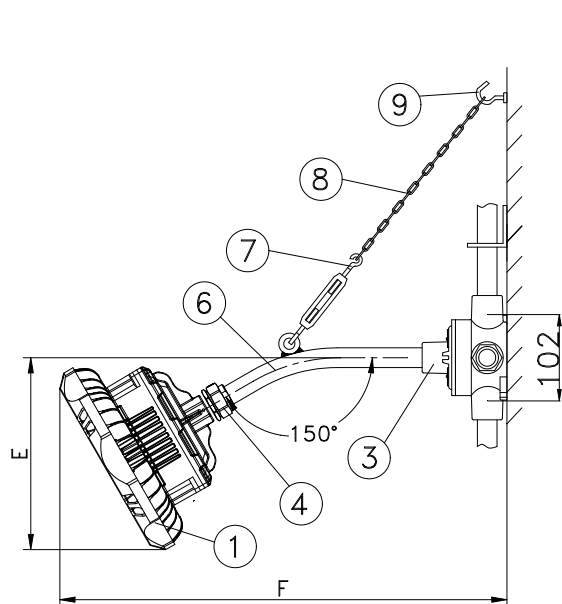
Pendant



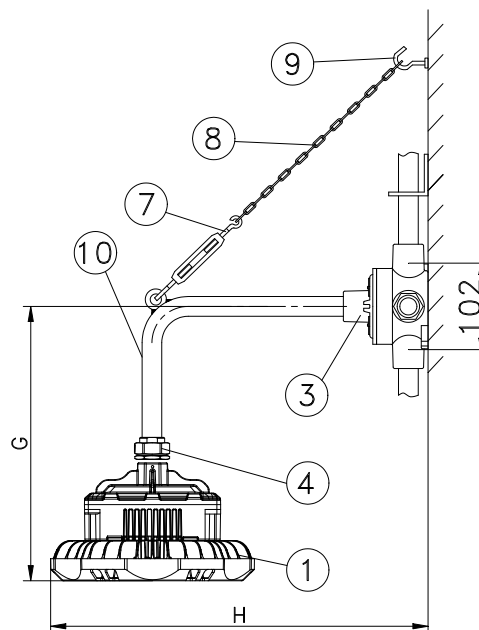
Bracket Mount

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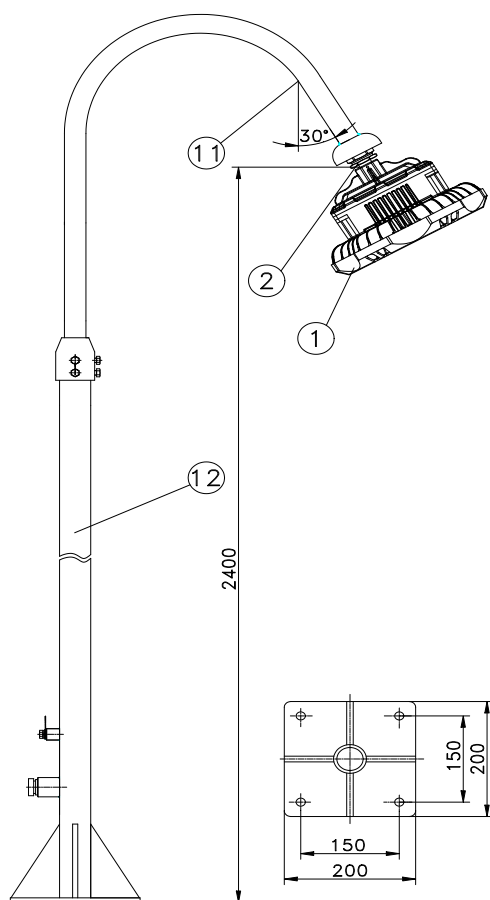
## GYD810 series



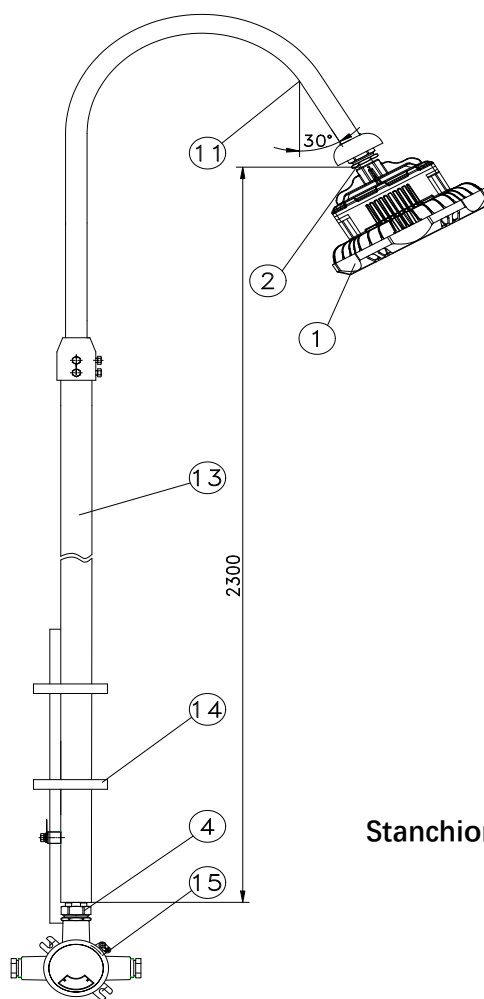
Wall Mount



Wall Mount II



Stanchion I



Stanchion II