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EGE TECHNOLOGY SDN BHD (201201031202)
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SPECIFICATION FOR APPROVAL

CUSTOMER _____
MODEL NO. **GYD720 SERIES**
PART NO. _____
APPLICATION _____
ISSUE DATE _____
REV. NO. _____
REV. DATE _____



EGE TECHNOLOGY SDN BHD (201201031202)

Tel: +604-55231 88

Fax: +604-5399568

Email: sales@egetech.com.my

Web: www.egetech.com.my

NO: 10, Lorong Industri Impian 1, Taman Industri Impian, 14000 Bukit Mertajam, Penang, Malaysia





20-300W LED explosion proof light



GYD720 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



GYD720 series

GYD7201




GYD7202

GYD7203

GYD7204



Explosion protection

European (ATEX) Gas and Dust 	CE 1282  II 2G Ex de IIC T6 CE 1282  II 2D Ex td T80°C
For use in	Zone 1, 2 & Zone 21, 22

Electrical data

Rated voltage	100-240VAC, 24V, 36V
Power factor	>0.95
THD	<20%

Luminous characteristics

Power consumption [W]	50	60~100	150~200	210~240
Colour rendering [CRI]	70 (±2)			
Colour temperature [K]	5500-6000K			
Luminaire efficiency [Lm/W]	120-130			
Beam angle	120° (60°, 90° is optional)			
Battery Back-up	Optional, Emergency time >90min			

Mechanical data

Degree of protection	IP66			
Cable entry	G 3/4"			
Weight [kg]	5.5	8.9	12.2	15.5
Terminal	≤2.5 mm ²			
Mounting Styles	Ceiling; Wall Bracket; Pendant			

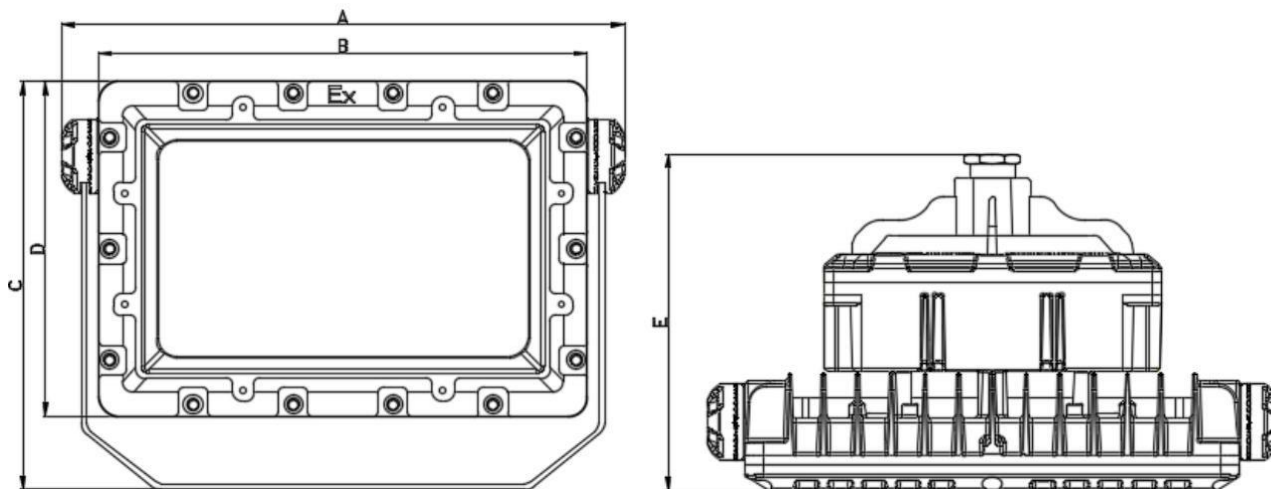


20-300W LED explosion proof light



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Dimension [mm]



	A	B	C	D	E	F	G	H
GYD7201	304	264	219	180	126	216	227	219
GYD7202	384	344	273	240	126	255	277	273
GYD7203	472	418	315	275	130	295	320	315
GYD7204	544	492	371	330	130	341	374	371

GYD7201 Bracket	
GYD7202 Bracket	
GYD7203 Bracket	
GYD7204 Bracket	

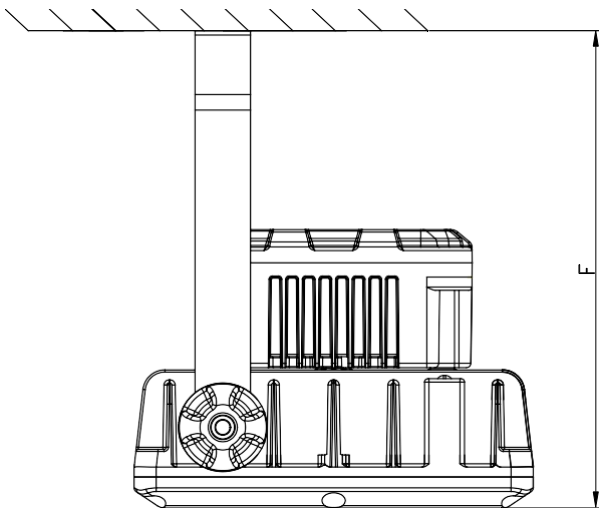


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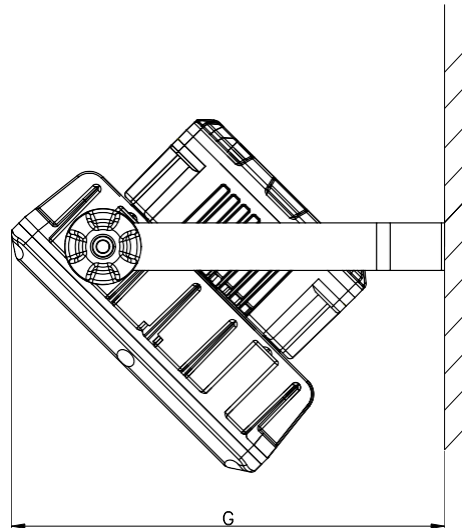


GYD720 series

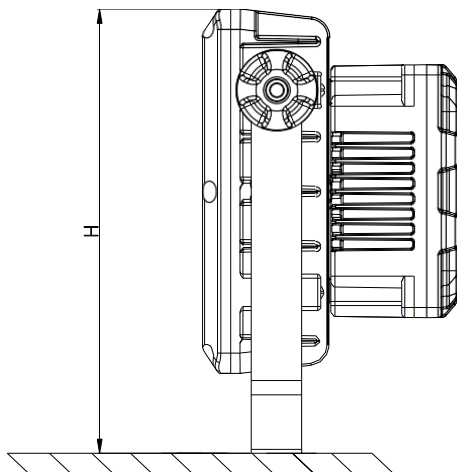
Installation



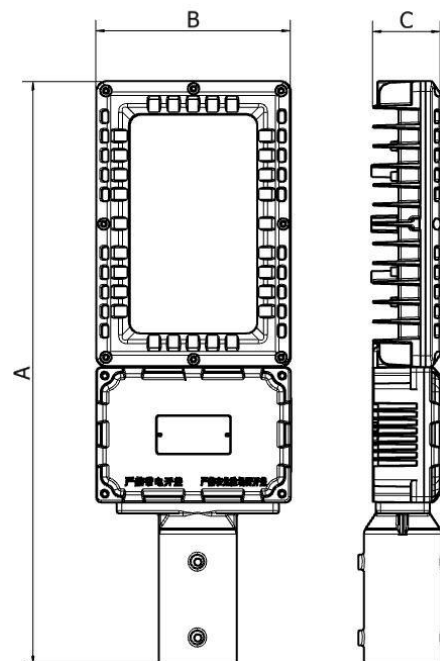
Ceiling Mount



Wall Mount



Bracket Mount



Street Mount