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EGE TECHNOLOGY SDN BHD (201201031202)
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SPECIFICATION FOR APPROVAL

CUSTOMER	_____
MODEL NO.	<u>GYD810 SERIES</u>
PART NO.	_____
APPLICATION	_____
ISSUE DATE	_____
REV. NO.	_____
REV. DATE	_____



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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
ISO 9001



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GYD8101

GYD8102

GYD8103

GYD8104



Explosion protection

European (ATEX) Gas and Dust	CE 1282 II 2G Ex d e IIC T6 CE 1282 II 2D Ex tb 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]	20 ~ 70	80~120	150~200	220-300
Colour rendering [CRI]	70 (±2)			
Colour temperature [K]	5500-6000K			
Luminaire efficiency [Lm/W]	120-130			
Beam angle	120° (45°, 90° is optional)			

Mechanical data

Degree of protection	IP66			
Cable entry	G 3/4"			
Dimension[mm]	270*270*170	320*320*170	360*360*170	400*400*175
Weight [kg]	5.25	6.5	8.6	10.7
Terminal	≤2.5 mm ²			
Mounting Styles	Ceiling; Wall Bracket; Pendant			



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Dimension

