CROWN EXTRA LIGHTING CO., LTD

SPECIFICATION FOR APPROVAL

CUSTOMER _____

MODEL NO. GYD680 SERIES

PART NO. _____

APPLICATION _____

ISSUE DATE _____

REV. NO. _____

REV.DATE 2020.10.23

FOR CUSTOMER APPROVAL	CHECKED BY
	Ivy
	APPROVED BY

50-200W LED explosion proof light

GYD680series

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 60° 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

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GYD680-1	GYD680-2

Explosion protection

Ex Mark	Ex d IIC T6 Gb Ex tD A21 IP66 T80℃
For use in	Zone 1, 2 & Zone 21, 22

Electrical data

Rated voltage	100-305 VAC, 50-60Hz
Power factor	>0.98
THD	<20%

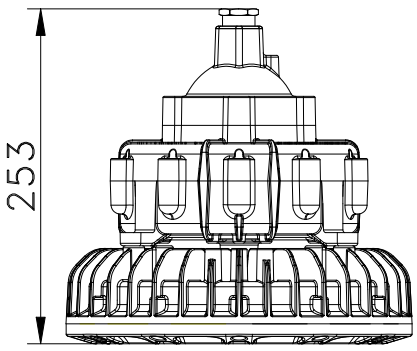
Luminous characteristics

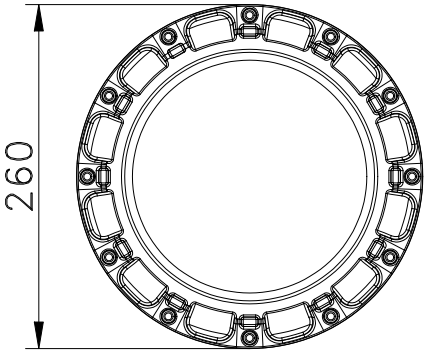
Power consumption [W]	50-100	100-200
Colour rendering [CRI]	70 (±2)	
Colour temperature [K]	3000-6500	
Luminaire efficiency [Lm/W]	130-145	
Beam angle	120° (60°, 90° optical len is optional)	

Mechanical data

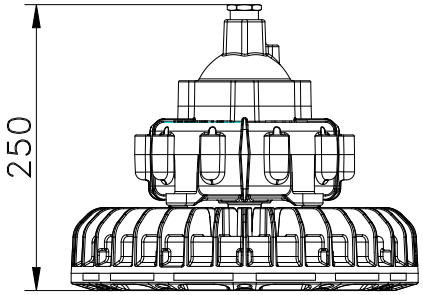
Degree of protection	IP66	
Cable entry	G 3/4"； NPT3/4"	
Weight [kg]	7.25	8.6
Terminal	≤2.5 mm²	
Mounting Styles	Ceiling; Wall Bracket; Pendant	

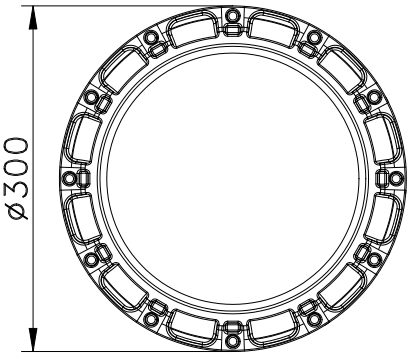
Dimension [mm]





GYD6801





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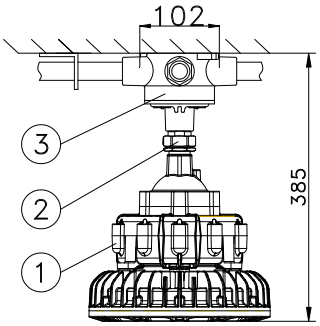
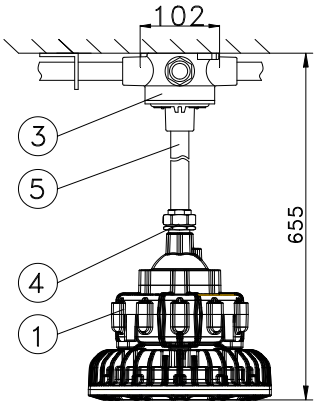
Installation



Ceiling Mount



Pendant

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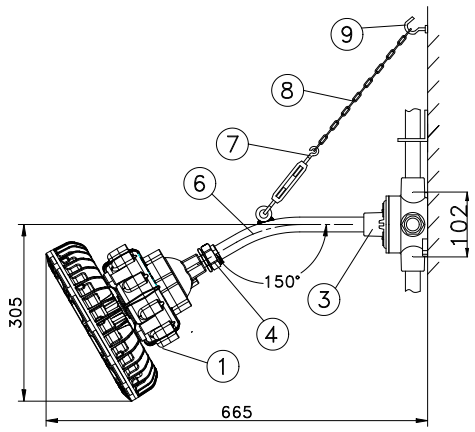
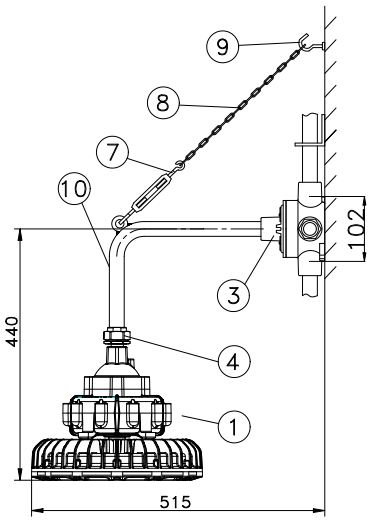
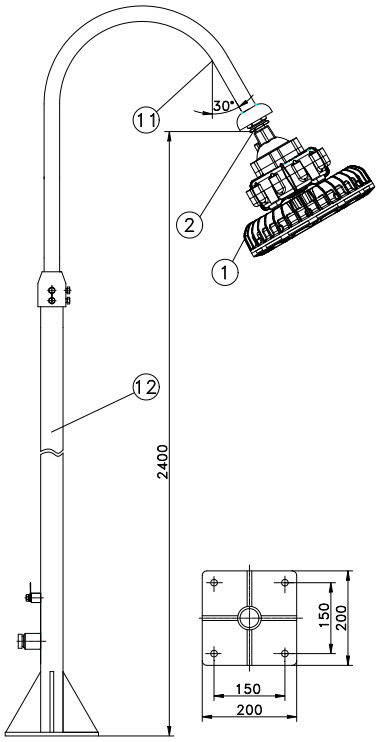


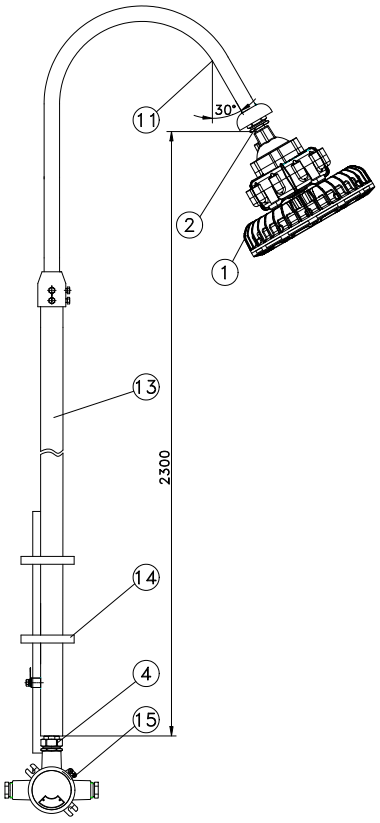
Wall Mount



Wall Mount II



Stanchion I



Stanchion II