

## CROWN EXTRA LIGHTING CO., LTD

ADD.: No. 307, Qianwang Village, Zouqu Town, Changzhou, Jiangsu, China

TEL.: 86-519-83987298 FAX.: 86-519-83987299

### SPECIFICATION FOR APPROVAL

CUSTOMER \_\_\_\_\_

MODEL NO.

**GYD970-L SERIES**

PART NO. \_\_\_\_\_

APPLICATION \_\_\_\_\_

ISSUE DATE \_\_\_\_\_

REV. NO. \_\_\_\_\_

REV.DATE

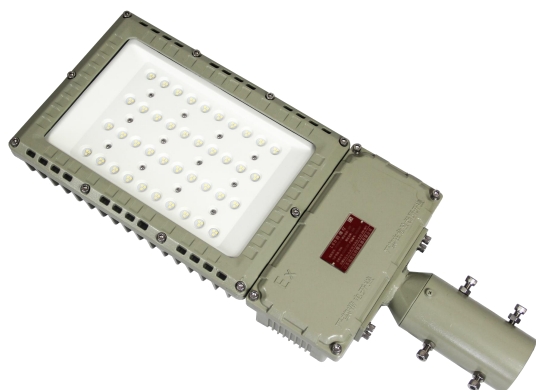
**2019.07.18**

<b>FOR CUSTOMER APPROVAL</b>	<b>CHECKED BY</b>
	Ivy
	<b>APPROVED BY</b>



50-300W LED explosion proof

# GYD970-L



## ■ Features:

- Zone 1&2, Zone 21&22
- Instant on crisp white light output
- High efficiency drivers and LED 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



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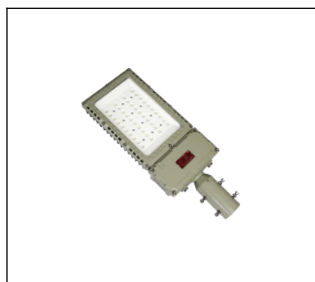
# GYD970-L

GYD970L-1

GYD970L-2

GYD970L-3

GYD970L-4



Coming soon

## Explosion protection

European (ATEX) Gas and Dust	CE 1282  II 2G Ex d e mb 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, 50-60Hz
Power factor	>0.95
THD	<20%

## Luminous characteristics

Power consumption [W]	50 ~ 80	100~120	150~200	250-300
Colour rendering [CRI]	70 (±2)			
Colour temperature [K]	3000-6500K is optional			
Luminaire efficiency [Lm/W]	115-130			
Beam angle	120° (45°, 90° is optional)			

## Mechanical data

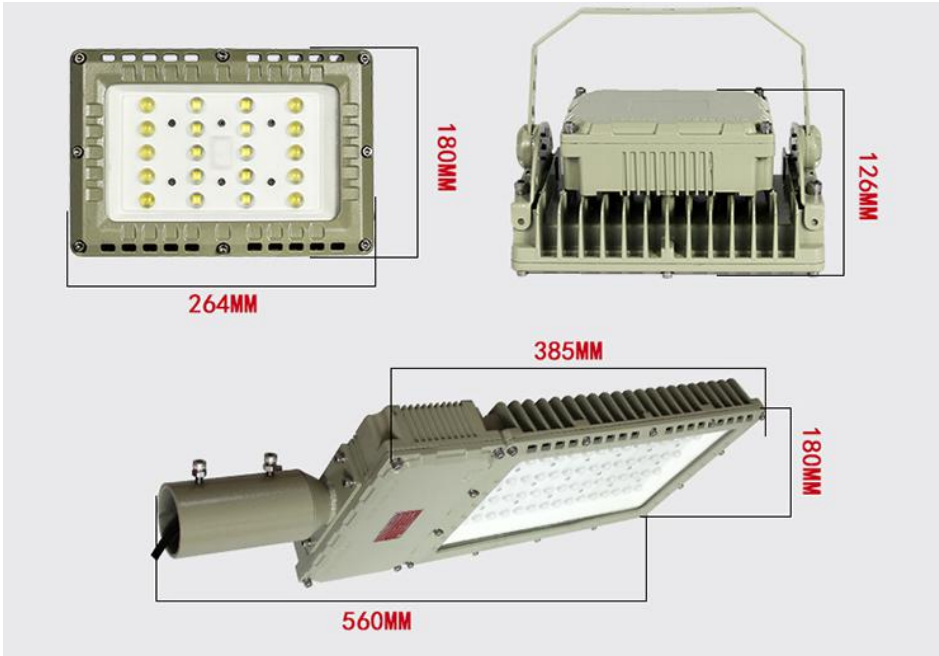
Degree of protection	IP66			
Cable entry	G 3/4"			
Weight [kg]	6.5	9.5	12.5	
Terminal	≤2.5 mm <sup>2</sup>			
Mounting Styles	STREET LIGHT			



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## Dimension [mm]



50-80W



100-120W

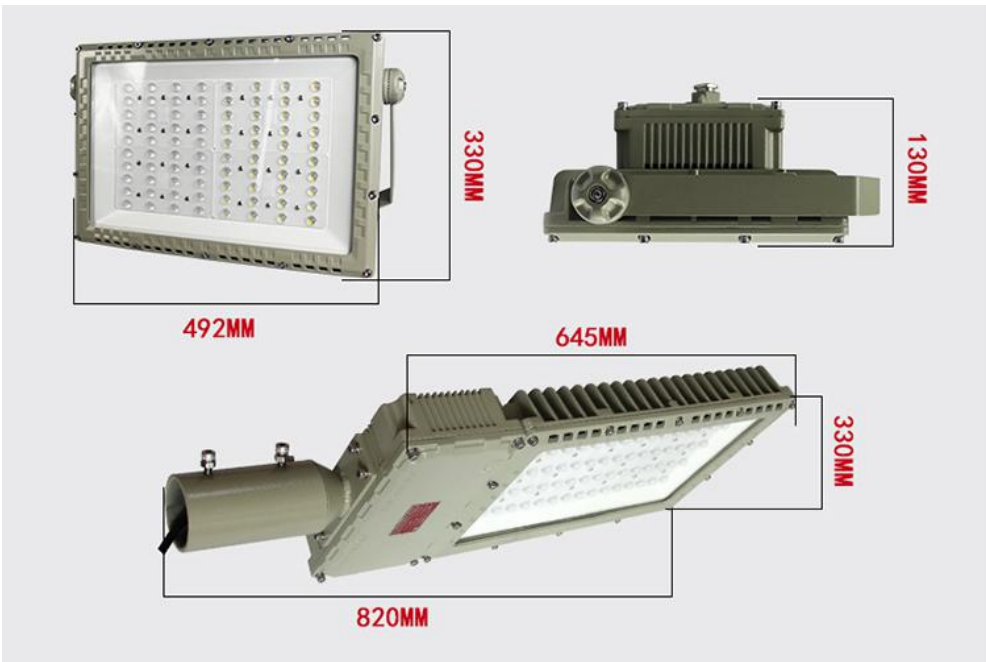


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150-180W



250-300W



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**GYD970-L**

## Installation



**SLEEVE DIAMETER: 60MM**