



GYD970-L

Street light

Distributor :
www.7-mars.com

SPECIFICATION FOR APPROVAL

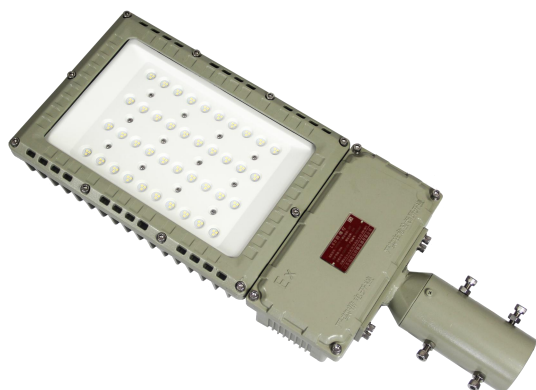
CUSTOMER _____
MODEL NO. **GYD970-L SERIES**
PART NO. _____
APPLICATION _____
ISSUE DATE _____
REV. NO. _____
REV.DATE **2022.03.18**

FOR CUSTOMER APPROVAL	CHECKED BY
	Ivy
	APPROVED BY
	Jason



50-250W LED explosion proof light

GYD970-L



■ Features:

- Zone2, 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



50-250W LED explosion proof light

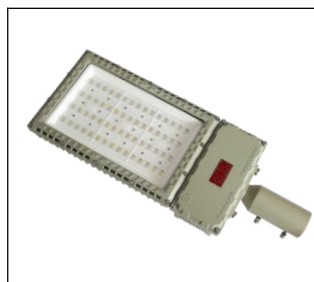
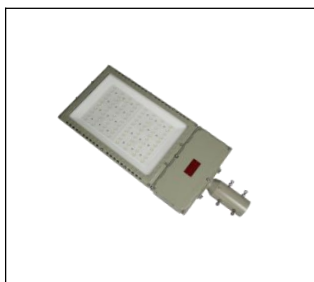
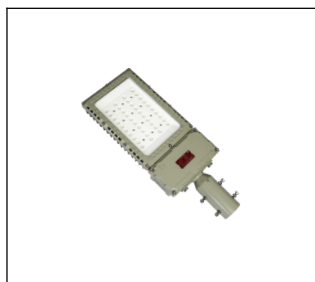
GYD970-L

GYD970L-1

GYD970L-2

GYD970L-3

GYD970L-4



Explosion protection

European (ATEX) Gas and Dust	CE 1282 II 2G ExnRembIICT5Gc
	CE 1282 II 2D ExtDA21 IP66 T85°C
For use in	Zone 2 & Zone 21, 22

Electrical data

Rated voltage	100-277VAC, 50-60Hz
Power factor	>0.99
THD	<20%

Luminous characteristics

Power consumption [W]	50 ~ 80	100~120	150~200	240-250
Colour rendering [CRI]	80 (±2)			
Colour temperature [K]	3000-6500K is optional			
Luminaire efficiency [Lm/W]	115-130			
Beam angle	120° (45°, 90° is optional)			

Mechanical data

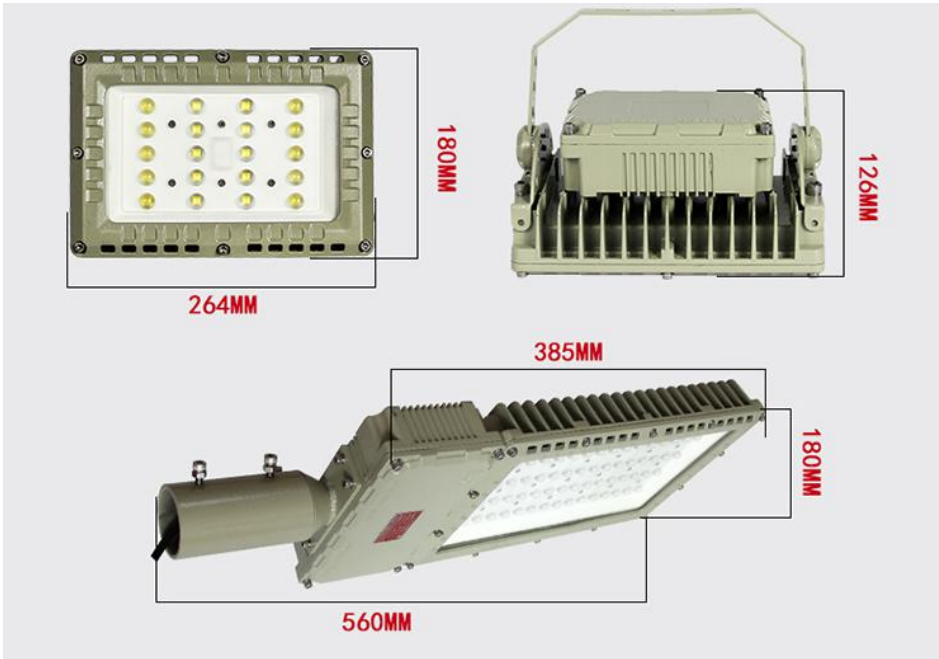
Degree of protection	IP66			
Cable entry	G 3/4"			
Weight [kg]	6.5	9.5	12.5	15
Terminal	≤2.5 mm ²			
Mounting Styles	STREET LIGHT			



50-250W LED explosion proof light

GYD970-L

Dimension [mm]



50-80W



100-120W



50-250W LED explosion proof light

GYD970-L



150-200W



200-250W



50-250W LED explosion proof light

GYD970-L

Installation

