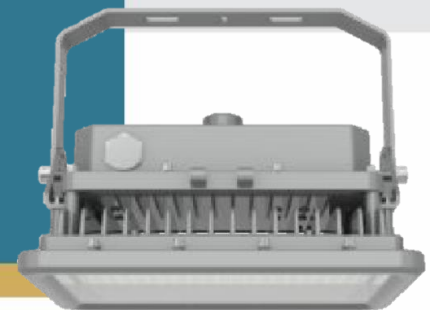




Explosion Proof Flood Light

A series Zone 2



The Explosion Proof Flood Light is designed for high-performance illumination in hazardous and industrial environments. Built with a durable, explosion-resistant housing, it delivers powerful and uniform lighting while ensuring maximum safety. Ideal for oil & gas sites, chemical plants, warehouses, and other high-risk areas, it offers long lifespan, low maintenance, and energy-efficient operation even under harsh conditions.

- Industrial Areas
- Oil & Gas sites
- Chemical plants
- Warehouses
- Marine Zones

Technical Specifications

Specification	Value	Specification	Value
Power	100W	IK	08
Luminous Efficacy	140Lm/W	Dimmable	0-10V
Lumen Output	14000Lm	ATEX Standard	II 2 G Ex eb mb IIC T6..T4 Gb
Color Temperature	3000K – 4000K – 6000K	Housing Material	Copper-free aluminum
Beam Angle	40°/45°/60°/90°	Lens	Tempered glass & PC
CRI (Ra)	>70	Hardware	Stainless steel
SDCM	3>	Mounting	Ceiling, Wall, Hook, Pole, etc.
Input Voltage	200-250VAC	Life Span	78000hrs
Power Factor	0.95	Warranty	5Years
Operating temperature	-10~+60°C	Product variant Codes	LIEA0G01005
IP Rating	66/67	Product Weight	6.95 Kg
Finish Color	Gray RAL7040	Product Size	375*340*215mm

Features:

- 0-10V dimming
- Compact and robust structure, excellent reliability
- Various installation ways for different applications
- Copper-free aluminum housing, great corrosion resistance and cooling performance



About US

Crystal Flash Co. LLC is a manufacturer, developer, and distributor of goods within the lighting industry. The company is known for providing a top-quality level product with high and strict QC checks and standard requirements which have proven to be exemplary regarding the quality of their production firms. Crystal Flash Co. maintains an emphasis on growth, development, and advancement of themselves as a company, and in the industry in which they

operate. Crystal Flash Co. is proud of the fact that it has access to an advanced laboratory and a well-equipped and proficient R&D team, which allows them to produce products under IEC 662776, IEC 62031, IEC 61347, and IEC 60598 standards, as well as products that are fit to be exported to Europe, being approved by CE quality standards

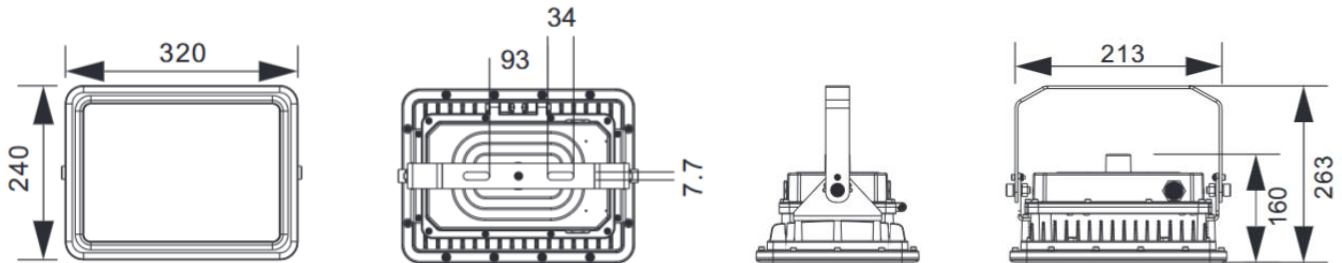


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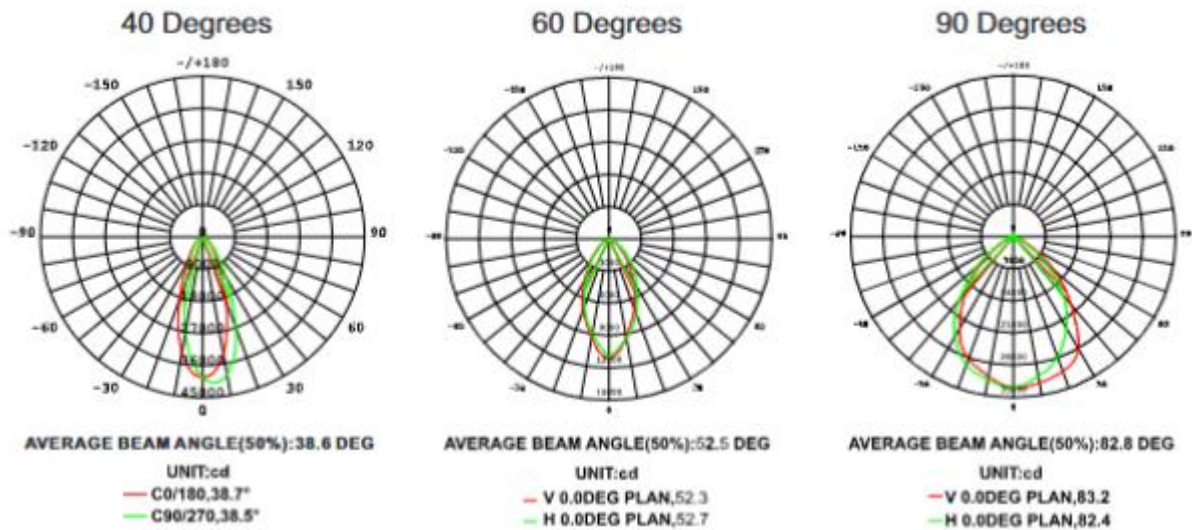


Technical Specifications

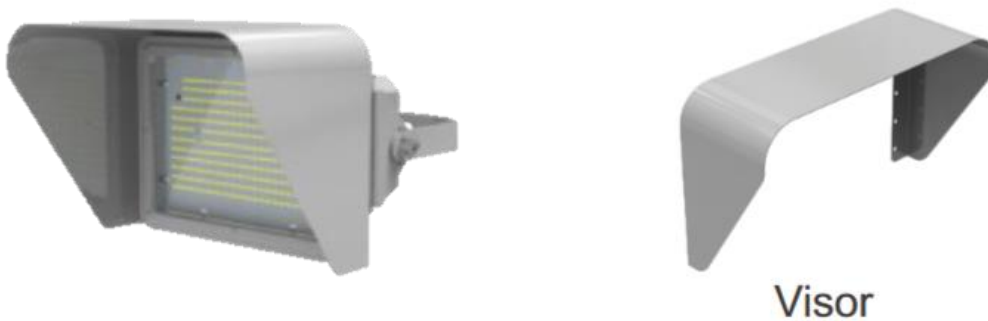
Dimensions



Photometric



Visor Available



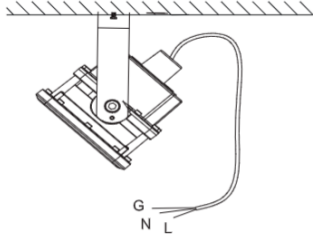
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Technical Specifications

Mounting Methods and Accessories

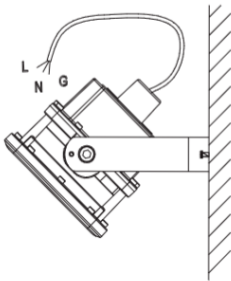
• Option 1: Ceiling Mounting



• Accessory



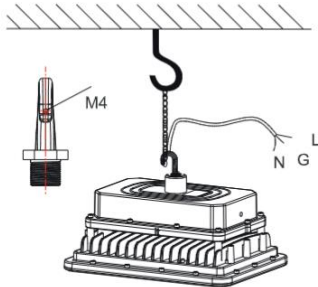
• Option 2: Wall Mounting



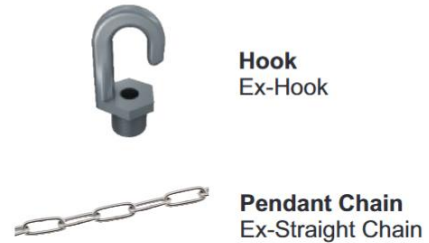
• Accessory



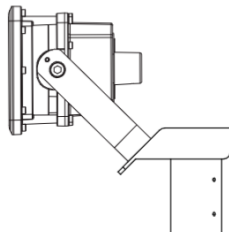
• Option 3: Hook Mounting



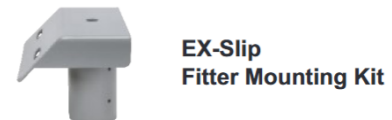
• Accessories



• Option 4: Trunnion Mounting (Only for A)



• Accessory

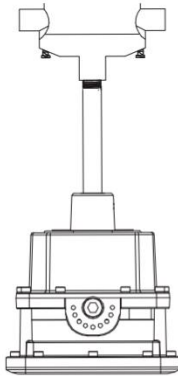


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Technical Specifications

• Option 5: Pole Mounting (Vertical)



• Accessories

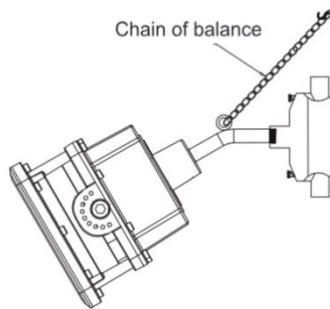


Junction Box
EX-HD51-KB1



Pole
Ex-Straight Pipe

• Option 6: Pole Mounting (Non-vertical)



• Accessories



Junction Box
EX-HD51-KB1

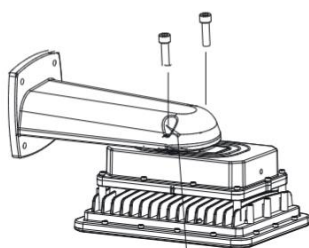


Pole
Ex-Bended Pipe



Pendant Chain
Ex-Straight Chain

• Option 7: Stanchion Mounting on the Wall



Make sure the screw is fixed well for safety.

6# Allen key

• Accessory



Stanchion Arm
Ex-MArm

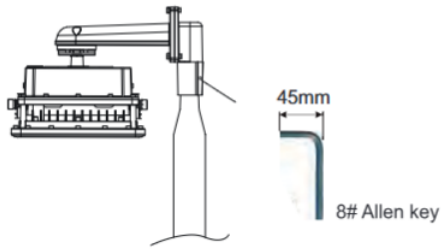


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Technical Specifications

• Option 8: Stanchion Mounting on the Pole (90 Degree)

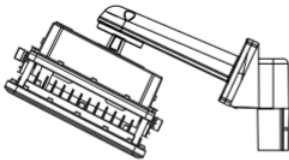


• Accessories



EX-90PSupport

• Option 9: Stanchion Mounting on the Pole (25 Degree)

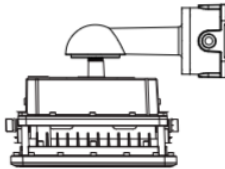


• Accessories



EX-25PSupport

• Option 10: Wall Mounting with Junction Box (90 Degree)

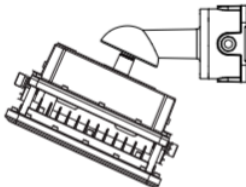


• Accessory



**Stanchion Arm
EX-HD51-KYD 90**

• Option 11: Wall Mounting with Junction Box (25 Degree)



• Accessory



**Stanchion Arm
EX-HD51-KYD 25**



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Technical Specifications



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