



Explosion Proof Linear Light

FLC series

The FLC Series LED fixture is the ideal choice for marine and hazardous applications that require a linear design. It is suitable for use in locations classified as hazardous due to the presence of flammable vapors, gases, or combustible dust, as defined by ATEX.

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



Technical Specifications

Specification	Value	Specification	Value
Power	50W	IK	10
Luminous Efficacy	130Lm/W	Dimmable	0-10V
Lumen Output	6500Lm	ATEX Standard	II 2 G Ex eb mb IIC T6..T4 Gb
Color Temperature	3000K – 4000K – 6500K	Housing Material	Die-cast Aluminum
Beam Angle	40°/60°/90°	Cover Material	Fireproof transparent PC
CRI (Ra)	>70	Fixture Color	Gray / Yellow
SDCM	3>	Mounting	Surface, Hook and Rope, Pole
Input Voltage	200-250VAC	Life Span	L70>150000hrs
Power Factor	0.95	Warranty	5Years
Operating temperature	-10~+60°C	Product variant Codes	LIELFG00505
IP Rating	66	Product Weight	15 Kg
Emergency Time	3 hours (Optional)	Product Size	1304*99*179mm

Features:

- High luminous efficacy – Up to 130 lumens per watt
- 0-10V dimming
- Great impact resistance – IK10 certified
- Optional beam angles – 40°, 60°, and 90°
- Die-cast aluminum body and frame – corrosion resistant
- Emergency model – optional, 3-hour emergency time
- Professional light distribution design – delivers uniform and comfortable lighting



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

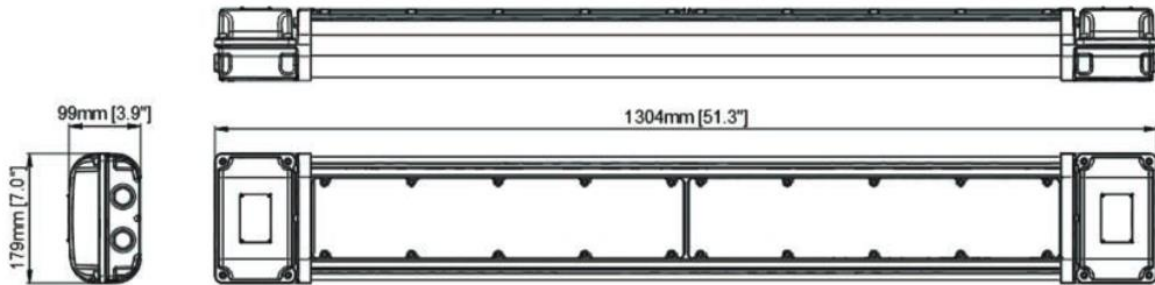


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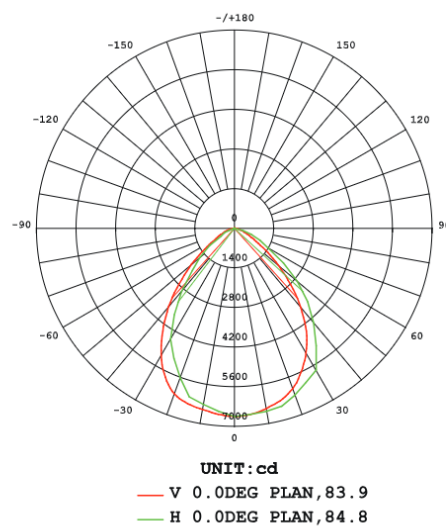
Technical Specifications

Dimensions



Photometric

90 Degree



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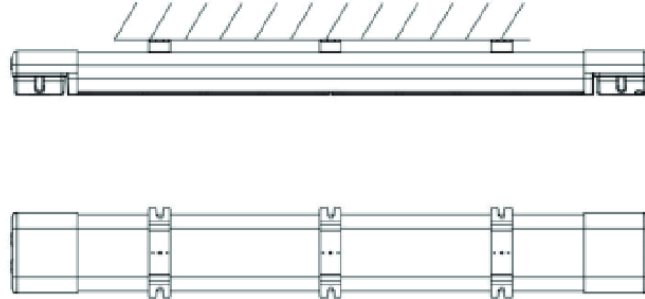
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Technical Specifications

Mounting Methods

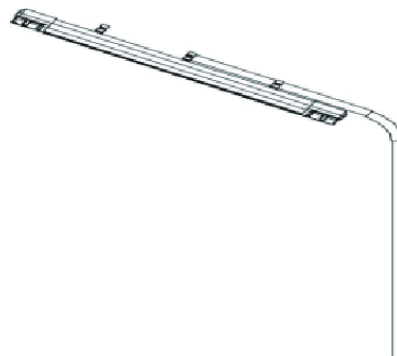
- Bracket Surface Mounting



- Hook And Rope Mounting



- Pole Mounting



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