

FXC720

Explosion proof
LED Floodlight

LEIZUR



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

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 45° 90° 120°



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Specifications

Explosion protection

European (ATEX) Gas and Dust	CE 1282 II 2G Ex d e mb IIC T6 CE 1282 II 2D Ex tD A21 T80°C
For use in	Zone 1, 2 & Zone 21, 22
Ambient Temperature	-40 to +40 Deg [Best Working Temperature] -40 to +85 Deg [Max. Working Temperature]

Electrical data

Rated voltage	24VAC/DC, 100-277VAC, 50-60Hz
Power factor	>0.95
THD	<20%

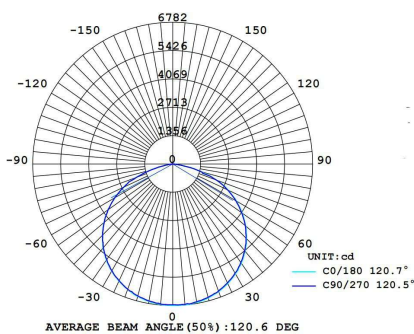
Luminous characteristics

Power consumption [W]	20 ~ 80	100~120	150~200	240-300
LED	CREE [USA]			
Driver	MEANWELL XLG [TAIWAN]			
Colour rendering [CRI]	80 (±2)			
Colour temperature [K]	2700/ 3000/ 3500/ 4000/ 5500/ 6000/ 6500K			
Luminaire efficiency [Lm/W]	100-145			
Beam angle	120° (60°, 90° is optional)			

Mechanical data

Degree of protection	IP66			
Cable entry	G 3/4" For Φ10mm-Φ14mm cable size			
Weight [kg]	5.	8.9	12.2	15.5
Terminal	≤2.5 mm ²			
Mounting Styles	Ceiling; Wall Bracket; Pendant			
Corrosion Resistant	WF2 (powder coating)			

Luminous intensity distribution



EFFICIENCY (lm/W): over135lm/w **CCT:** 5700K
CRI: 80 **Beam Angle:** 105-120Deg

Housing details

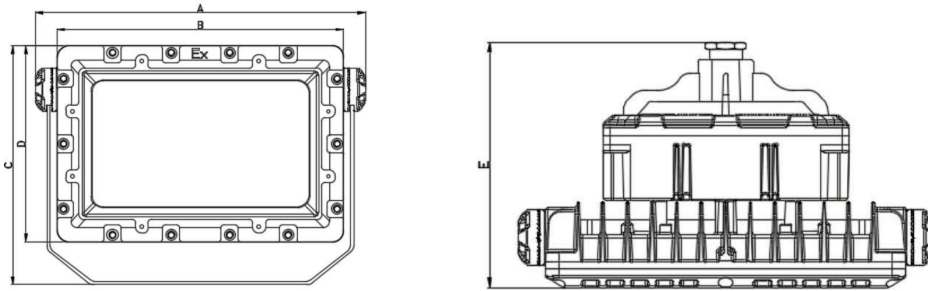


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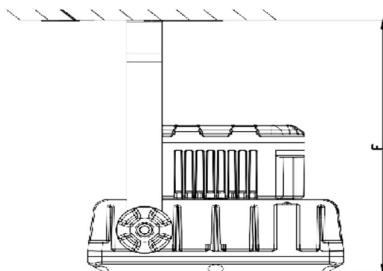
Dimension [mm]



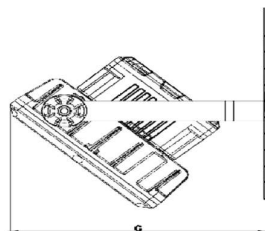
	A	B	C	D	E	F	G	H
FXC7201	304	264	219	180	126	216	227	219
FXC7202	384	344	273	240	126	255	277	273
FXC7203	472	418	315	275	130	295	320	315
FXC7204	544	492	371	330	130	341	374	371

FXC7201 Bracket	
FXC7202 Bracket	
FXC7203 Bracket	
FXC7204 Bracket	

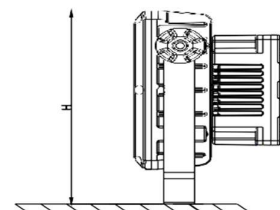
Installation



Ceiling Mount



Wall Mount



Bracket Mount