



## Ex-KF120CH-E ATEX 120W LED Floodlight Frogs

### Protection mode:

Type of protection: II 2GD Ex de IIB T5 ou T6 Gb  
Ex tb IIIC T95° - T80°C Db IP66  
Class of temperature: T6-T5  
Protection degree: IP66  
Ambient Temp : -40/+55°C  
Zones : 1-2-21-22



### Description:

Frogs series LED floodlight 120W.  
Energy saving. Reduce the number of luminaires needed, providing excellent luminaires efficiency more light where you need it.  
Anti glare, reduces glare in applications where the user may have direct visual contact with the light source.  
Shock and vibration resistant tempered glass, reduces the risk of premature failure.  
OSRAM LED source. High efficiency lumen output and high CRI.

### Reference

Ex	KF	XXX	XX	X
Type	Series	Power	CCT	Candela dist.
<i>Ex proof</i>	<i>KF-Frog</i>	<i>120W</i>	<i>CH - Cool white</i>	<i>H6V6</i>

### Electrical parameters

Reference	Rated input voltage (V AC)*	Rated input current (A)	Voltage frequency (Hz)	Rated power (W)	Input current (mA)	PF
Ex-KF120CH-E	180-277	0,4 - 0,7	50/60	120	400	>0,95

(\*A-AC90-180V on request)

### Photometric parameters

Reference	TEMP	CCT (K)	CRI	Luminous flux (lm)
Ex-KF120CH-E	Cool white	5400-6400	70	16800

Type	Beam angle*	Candela distribution
H6V6	120°	E

Type	Size (mm)	Weight (Kg)	Amb Temp	Max surface Temp (C°)	Protection degree	Insulation
Ex-KF120CH-E	425x398x225	13,9	-40 / +55°C	73	IP66	I



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Terminal compartment is isolated from the LED source compartment. Ensure safety. Much easier for connection and maintenance.



Enclosure, high anti-impact performance. Can endure 20J impact.

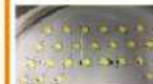


Adjusting plate, customer can adjust different mounting angles.



Anti-off designed screw to reduce the time for installation and maintenance.

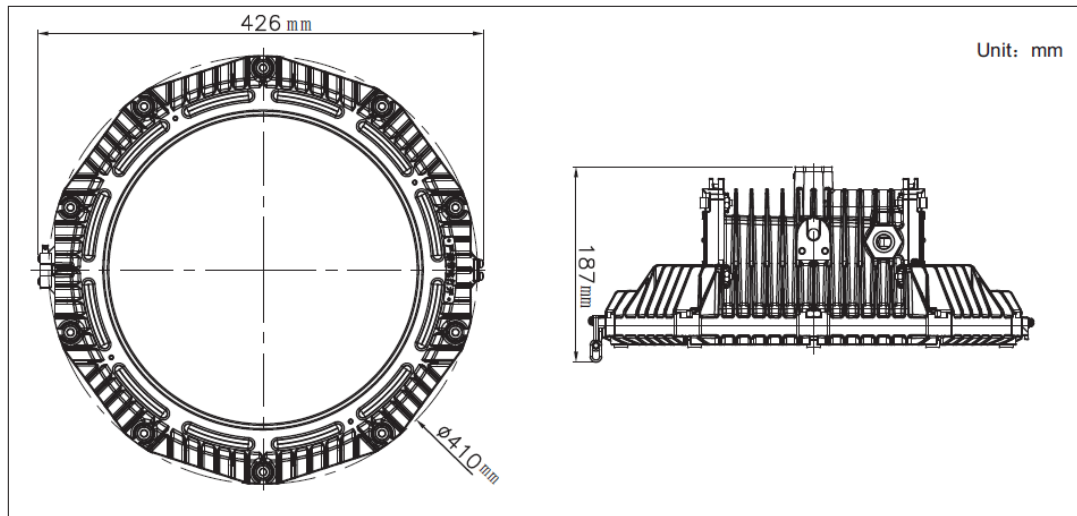
LUMILEDS LED source, high efficacy and lumen output.



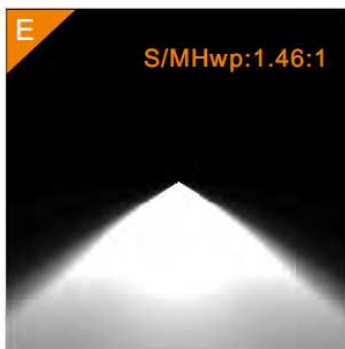
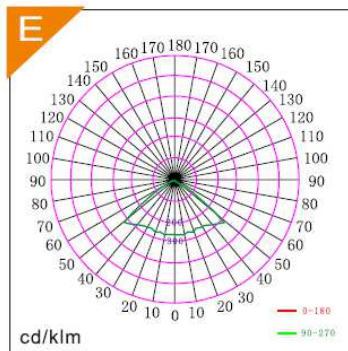
The LED is clung to the enclosure, which can make the heat dissipation very fast. Lower the junction temp.



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### Standard type

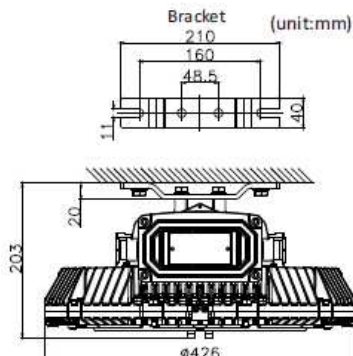


*Others type on request*

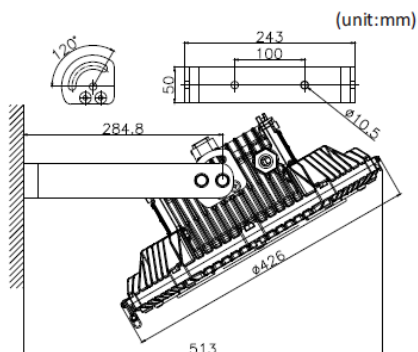


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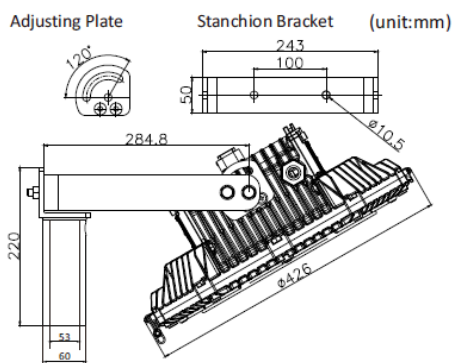
### Ceiling mounting (Bracket BR-F-O)







### Wall mounting (Stanchion bracket SBT-F-O)



### Pole mounting (Stanchion bracket 2, SBT-F-O + SBT2-F-O)



### Accessories

Installations accessories	Reference	Photo	Material	Weight (kg)	QTY
Bracket	BR-F-O		Q235	0,4	1
Stanchion bracket 1	SBT-F-O		Q235	1,63	1
Stanchion bracket 2	SBT-F-O + SBT2-F-O	 + 	Q235	1,89	1