



LED Explosion Proof Light

**ATEX & IECEx Certified LED Linear light in Hazardous Area.
Kingfish Series**

⚡ II 2 G Ex eb mb IIC T5/T6 Gb

⚡ II 2 D Ex tb IIC T95°C/T80°C Db IP66





Features And Benefits:

- High efficacy LED Source with long lifespan, $L70 > 100,000$ hours @ 25°C ambient
- 5-year performance warranty
- Low THD around 10%, Less interference
- 4KV/Line-Line 6KV/Line-Earth
- Robust aluminium housing and high impact resistant PC cover
- Vibration and shock resistant
- Low maintenance

Applications:



Oil&Gas Exploration



Drilling



Oil Refinery



Petrochemical Plant



Power Plant



Pharmaceutical Plant



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LED Linear light

Standard & Certificate:

Ex Mark:	Gas: II 2 G Ex eb mb IIC T5/T6 Gb Dust: II 2 D Ex tb IIIC T95°C/T80°C Db IP66
Certificate:	• ATEX Certification NO.: TPS 24 ATEX 114950 0008 X • CE • IECEX Certification NO.: IECEX TPS 24.0002 X • RoHS
Executive Standard:	• (IEC)EN 60079-0, (IEC)EN 60079-7, • (IEC)EN 60079-18, (IEC)EN 60079-31, • EN 55015, EN 61547, EN 61000-3-2, EN 61000-3-3, EN 60598-1, • EN 60598-2-5, EN 62031, EN 62493, • IEC 62321-4, IEC 62321-5, IEC 62321-6, IEC 62321-7-1, • IEC 62321-7-2, IEC 62321-8
Classification:	• Group II Zone 1 & 21 and 2 & 22

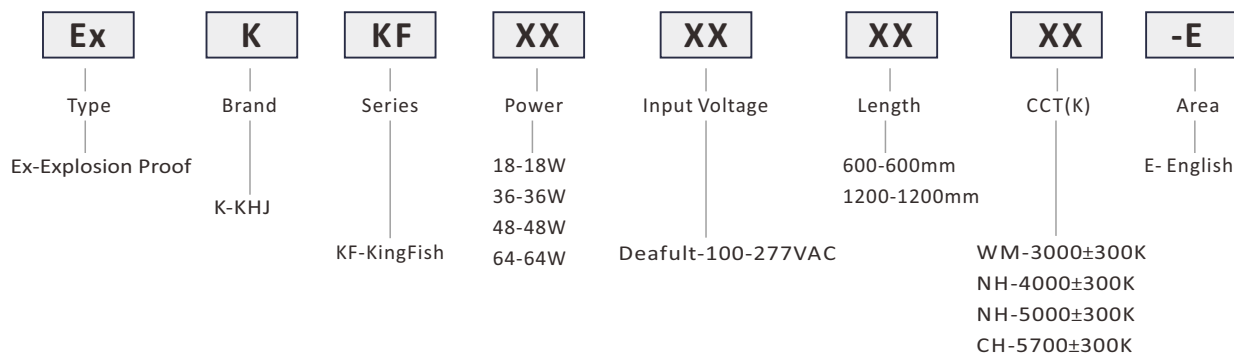
Electrical & Photometric Features:

Luminaire Efficacy:	121lm/W
Lifespan:	>100,000 hours
Operating Voltage:	100-277 VAC 141-392 VDC
Power(W):	18W/36W/48W(0.6m), 36W/48W/64W(1.2m)
Frequency:	50/60Hz
Power Factor:	>0.98
THD:	<10%
Insulation Class:	I
Surge Protection:	4KV/6KV
LED Driver:	Over voltage protection/short circuit protection

Mechanical Features:

Weight:	2.7Kg(0.6m)/4.3Kg(1.2m)
Size:	600*110*103mm(18W/36W/48W)/1200*110*103mm(36W/48W/64W)
Ambient Temperature:	-40 ~ +55 / -40°C ~ +65°C
Connecting Terminals:	3*1.0-4.0mm ² (L+N+PE)
Cable Entries:	2XNPT 3/4" (M20*1.5, M25*1.5 are optional)
Earthing Protection:	M4 (Internal & external earth bolts)
IP Code:	IP66
Enclosure Material:	Copper-free Aluminium
Enclosure Colour:	Grey RAL7040
Coating:	Epoxy powder coating
Exposed Fastener:	Stainless steel
Protective Cover:	PC, Stand 7J impact

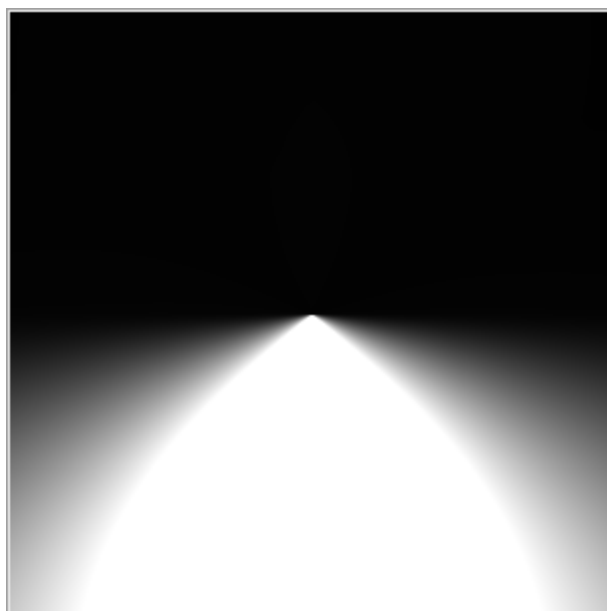
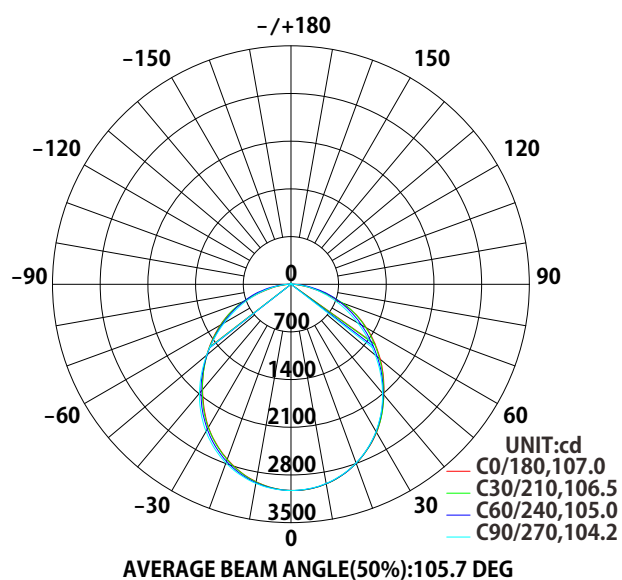
Production Definition



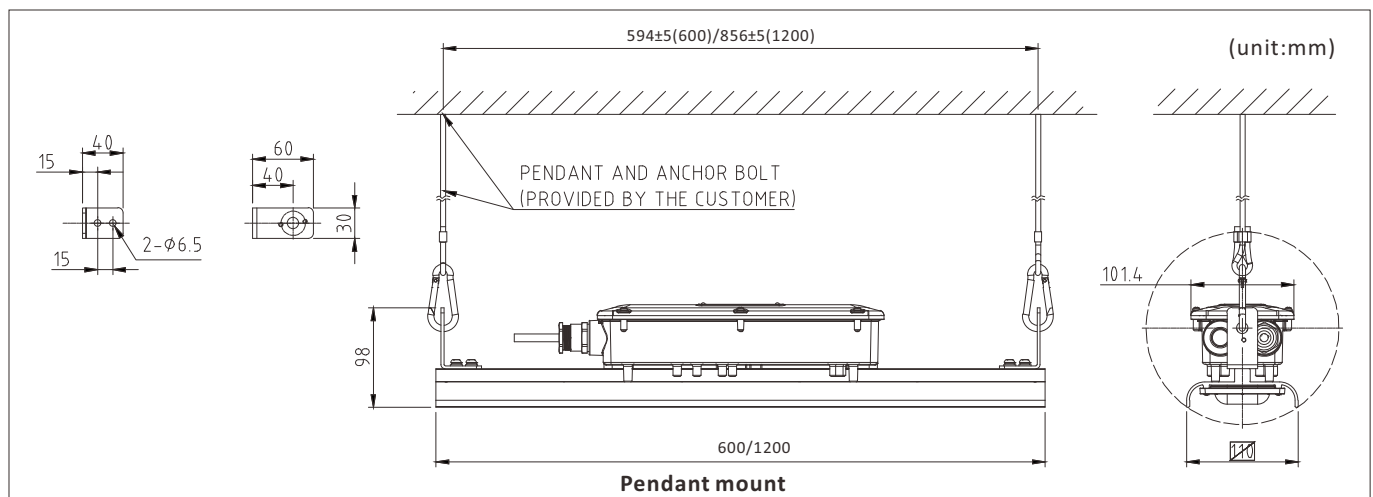
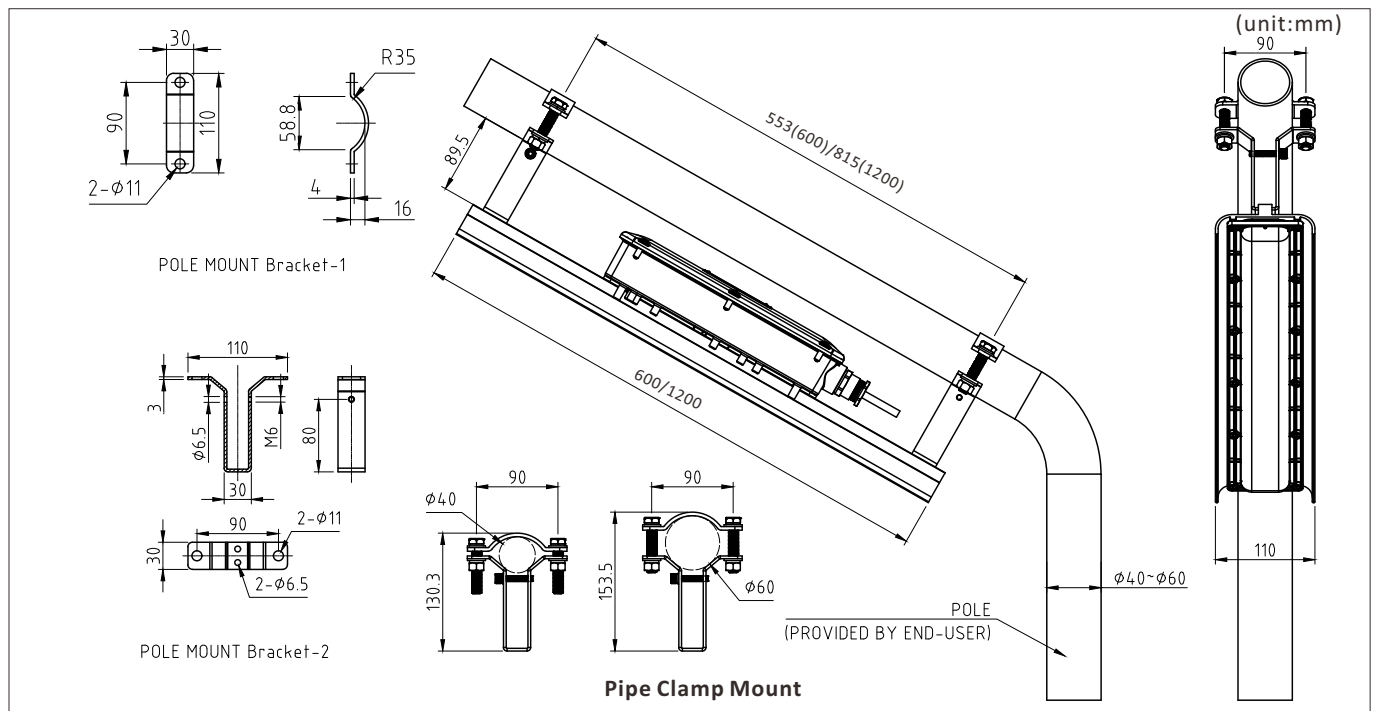
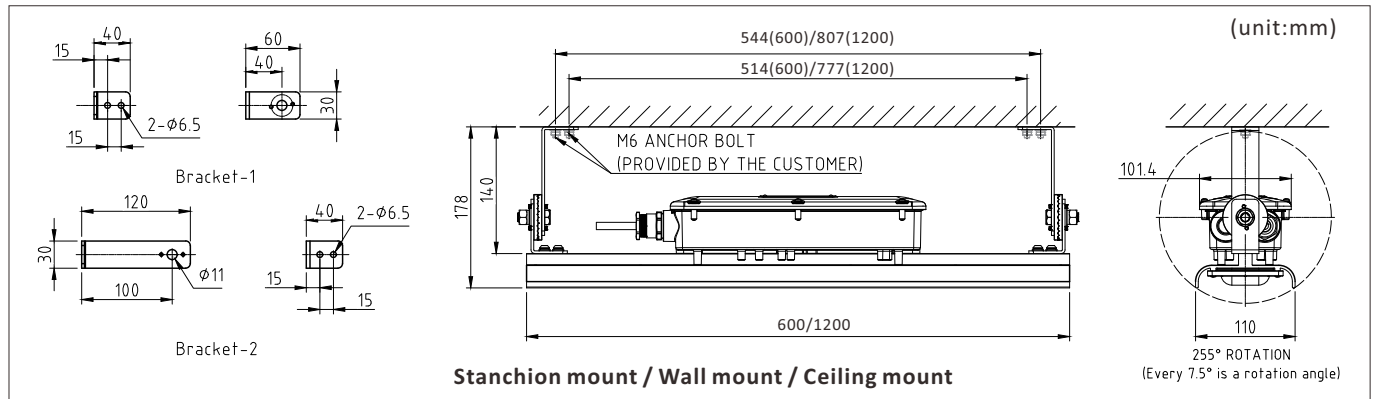
Ordering Information

P/N	Operating Voltage(V)	Luminous Flux(lm)	Power(W)	CRI	Color Temp.	CCT(K)	Temp. Classification		
							-40	-+55	-40℃-+65℃
Ex-KKF18600WM-E	100-277 AC (141-392 DC)	2010	18	82	Warm white	3000±300	T6		T5
Ex-KKF18600NH-E		2178	18	70	Natural white	4000±300			
Ex-KKF18600NH-E		2178	18	70	Natural white	5000±300			
Ex-KKF18600CH-E		2178	18	70	Cool white	5700±300			
Ex-KKF36600WM-E		4020	36	82	Warm white	3000±300			
Ex-KKF36600NH-E		4356	36	70	Natural white	4000±300			
Ex-KKF36600NH-E		4356	36	70	Natural white	5000±300			
Ex-KKF36600CH-E		4356	36	70	Cool white	5700±300			
Ex-KKF48600WM-E		5361	48	82	Warm white	3000±300			
Ex-KKF48600NH-E		5808	48	70	Natural white	4000±300			
Ex-KKF48600NH-E		5808	48	70	Natural white	5000±300			
Ex-KKF48600CH-E		5808	48	70	Cool white	5700±300			
Ex-KKF361200WM-E		4020	36	82	Warm white	3000±300			
Ex-KKF361200NH-E		4356	36	70	Natural white	4000±300			
Ex-KKF361200NH-E		4356	36	70	Natural white	5000±300			
Ex-KKF361200CH-E		4356	36	70	Cool white	5700±300			
Ex-KKF481200WM-E		5361	48	82	Warm white	3000±300			
Ex-KKF481200NH-E		5808	48	70	Natural white	4000±300			
Ex-KKF481200NH-E		5808	48	70	Natural white	5000±300			
Ex-KKF481200CH-E		5808	48	70	Cool white	5700±300			
Ex-KKF641200WM-E		7148	64	82	Warm white	3000±300			
Ex-KKF641200NH-E		7744	64	70	Natural white	4000±300			
Ex-KKF641200NH-E		7744	64	70	Natural white	5000±300			
Ex-KKF641200CH-E		7744	64	70	Cool white	5700±300			

Candela Distribution



Installation Method



Optional Parts

No.	Installation Accessories	Part No.	Picture	Material	Weight(Kg)	QTY	Remarks
1	Stanchion Bracket	SBT-KF-SUS316		SUS316	0.3	2	Ceiling Mount Stanchion Mount Wall Mount
2	Pipe Clamp	PCP-KF-SUS316		SUS316	0.4	2	Pipe Clamp mount
3	Buckle Bracket	BU-KF-SUS316		SUS316	0.2	2	Pendant mount