



ATEX & IECEx Certified LED Floodlight/Bay light
in Hazardous Area

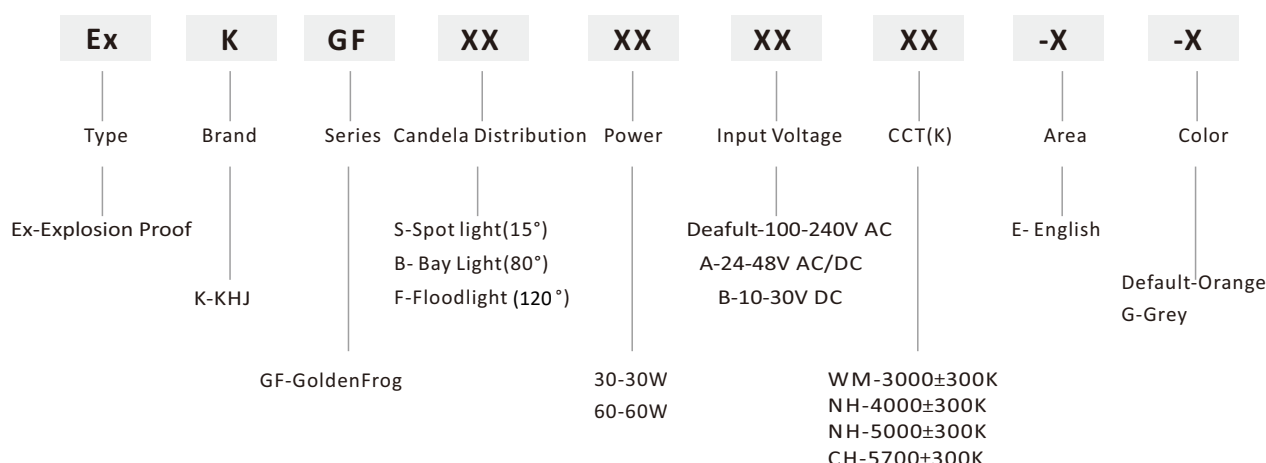


LED Explosion Proof Floodlight/Bay light

- Golden Frog Series

Standard & Certificate:	
Ex Mark:	Gas: II 2 G Ex d IIB T5 or T6 Gb Dust: II 2 D Ex t IIIC T95°C or T80°C Db IP66
Certificate:	ATEX Certification NO.: LCIE 12 ATEX 3070X IECEx Certification NO.: IECEx CQM 12.0033X CE RoHS
Executive Standard:	(IEC)EN 60079-0, (IEC)EN 60079-1, (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:	136.5lm/W
Lifespan:	>50,000 hours
Operating Voltage:	24-48 VAC/100-240 VAC 10-30 VDC/24-48 VDC/141-339 VDC
Power:	30W/60W
Frequency:	50/60Hz
Power Factor:	>0.98
THD:	<10%
Insulation Class:	I
Surge Protection:	5KV
LED Driver:	Over voltage protection/short circuit protection
Mechanical Features:	
Weight:	5.5Kg
Size:	311*284*190mm
Ambient Temperature:	-40°C~+55°C
Connecting Terminals:	3*1.0-4.0mm ² (L+N+PE)
Cable Entries:	2 x NPT 3/4" (M20*1.5, M25*1.5 are optional)
Earthing Protection:	M4 (Internal & external earth bolts)
IP Code:	IP66
Enclosure Maternal:	Die-casting aluminium alloy
Enclosure Colour:	Orange, RAL2011(optional grey RAL7040)
Coating:	Epoxy powder coating
Exposed Fastener:	Stainless steel
Protective Cover:	Tempered glass, Stand 7J impact

Product Definition



Ordering Information

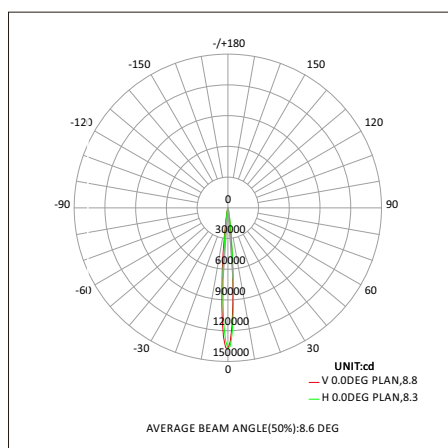
P/N	Operating Voltage(V)	Luminous Flux(lm)	Power(W)	CRI	Color Temp.	CCT(K)	Beam Distribution	Temp. Classification -40℃--+55℃
Ex-KGFF30WM-E	100~240 AC (141~339 DC)	2992	30	80	Warm white	3000±300	120°	T6
Ex-KGFF30NH-E		3307	30	70	Natural white	4000±300	120°	T6
Ex-KGFF30NH-E		3307	30	70	Natural white	5000±300	120°	T6
Ex-KGFF30CH-E		3307	30	70	Cool white	5700±300	120°	T6
Ex-KGFB30WM-E		3780	30	70	Warm white	3000±300	80°	T6
Ex-KGFB30NH-E		4095	30	70	Natural white	4000±300	80°	T6
Ex-KGFB30NH-E		4095	30	70	Natural white	5000±300	80°	T6
Ex-KGFB30CH-E		4095	30	70	Cool white	5700±300	80°	T6
Ex-KGFS30WM-E		2992	30	80	Warm white	3000±300	15°	T6
Ex-KGFS30NH-E		3307	30	70	Natural white	4000±300	15°	T6
Ex-KGFS30NH-E		3307	30	70	Natural white	5000±300	15°	T6
Ex-KGFS30CH-E		3307	30	70	Cool white	5700±300	15°	T6
Ex-KGFF60WM-E		5670	60	80	Warm white	3000±300	120°	T6/T5
Ex-KGFF60NH-E		6300	60	70	Natural white	4000±300	120°	T6/T5
Ex-KGFF60NH-E		6300	60	70	Natural white	5000±300	120°	T6/T5
Ex-KGFF60CH-E		6300	60	70	Cool white	5700±300	120°	T6/T5
Ex-KGFB60WM-E		7245	60	70	Warm white	3000±300	80°	T6/T5
Ex-KGFB60NH-E		7560	60	70	Natural white	4000±300	80°	T6/T5
Ex-KGFB60NH-E		7560	60	70	Natural white	5000±300	80°	T6/T5
Ex-KGFB60CH-E		7560	60	70	Cool white	5700±300	80°	T6/T5
Ex-KGFS60WM-E		5670	60	80	Warm white	3000±300	15°	T6/T5
Ex-KGFS60NH-E		6300	60	70	Natural white	4000±300	15°	T6/T5
Ex-KGFS60NH-E		6300	60	70	Natural white	5000±300	15°	T6/T5
Ex-KGFS60CH-E		6300	60	70	Cool white	5700±300	15°	T6/T5

Remark: Operating voltage including Default-100~240V AC; A-24-48V AC/DC; B-10-30V DC

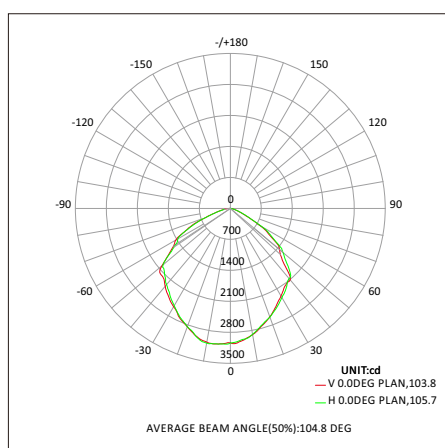
KHJ Replaceable Luminaire Models

KHJ LED	HPS	Metal halide lamp	Typical Energy Saving
30W	70W	70W	Up to 60% reduction in energy costs
45W	100W~150W	100W~150W	
60W	150W~175W	150W~175W	

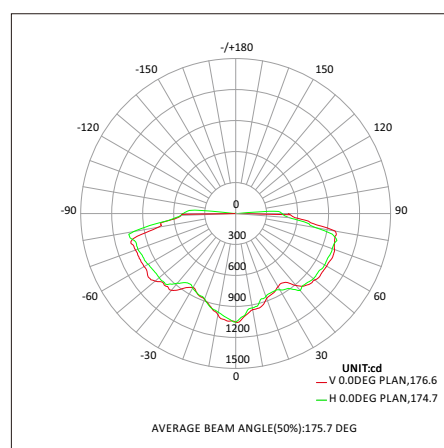
Candela Distribution



S-Spot light(15°)



B-Bay light(80°)

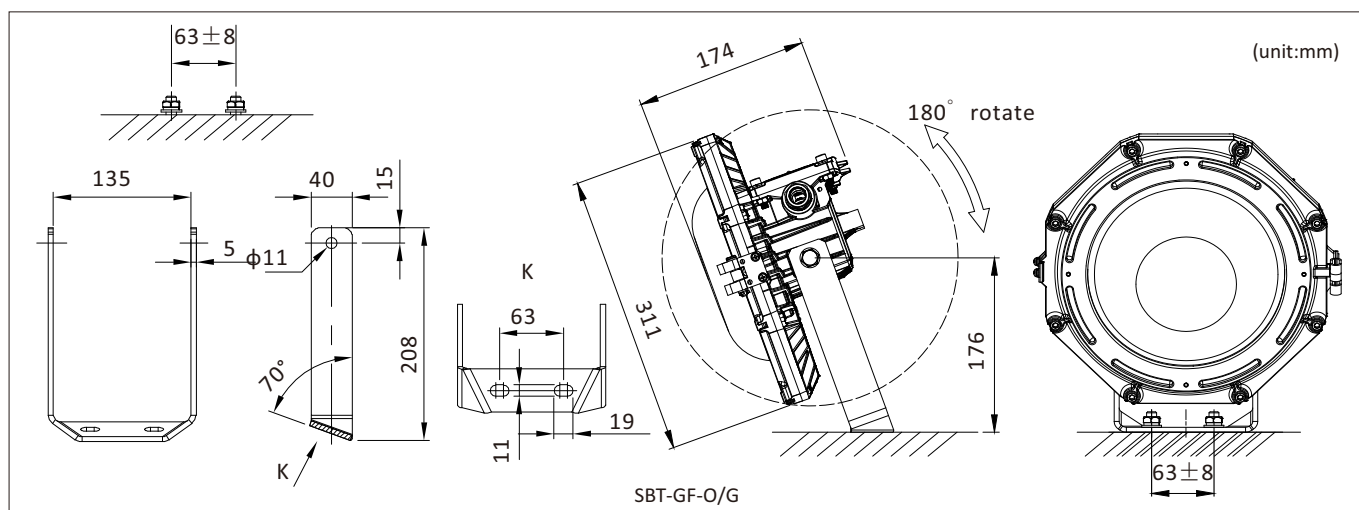


F-Flood light(180°)

Optional Parts



Installation Method



Installation Method

