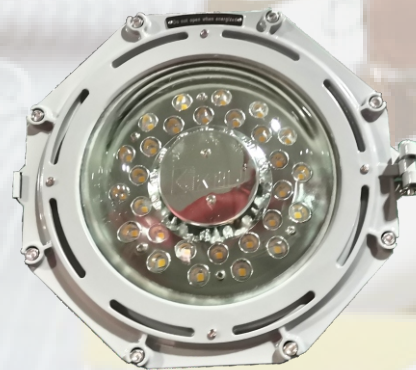
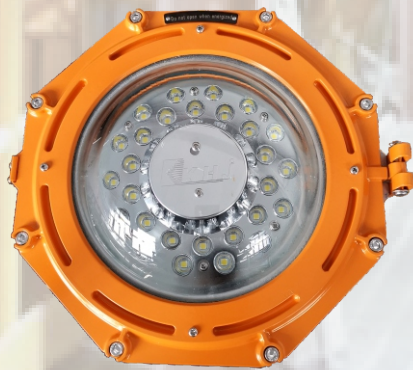




LED Explosion Proof Light

**ATEX & IECEx Certified LED Floodlight/bay light in Hazardous Area.
Golden Frog Series**

⚡ II 2 G Ex d IIB T5 or T6 Gb

⚡ II 2 D Ex t IIIC T95°C or T80°C Db Ip66





Features And Benefits:

- High efficacy LED Source with long lifespan >50,000 hours
- 5-year performance warranty
- Low THD around 10%, Less interference
- 5KV Surge Protection
- Robust aluminium housing and strong tempered glass
- Vibration and shock resistant
- Low maintenance

Applications:



Oil&Gas Exploration



Drilling



Oil Refinery



Petrochemical Plant



Power Plant



Pharmaceutical Plant



ATEX & IECEX Certified LED Floodlight/bay light in Hazardous Area.

LED Floodlight/bay light

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 • ABS • RoHS	
Executive Standard:	• IEC 60079-0:2007 • IEC 60079-1:2007 • IEC 60079-31:2008 • IEC 62321-4:2013 +AMD1:2017 • IEC 62321-5:2013 • IEC 62321-6:2015 • IEC 62321-7-1:2015	• EN 60079-0:2009 • EN 60079-1:2007 • EN 60079-31:2009 • EN 55015:2013 /A1:2015 • EN 61547:2009 • EN 61000-3-2:2014 • EN 61000-3-3:2013 /A1:2019	• EN 60598-1:2015+A1:2018 • EN 60598-2-5:2015 • EN 62031:2008+A1:2013+A2:2015 • EN 62493:2015 • IEC 62321-7-2:2017 • IEC 62321-8:2017
Classification:	• Group II Zone 1 & 21 and 2 & 22		

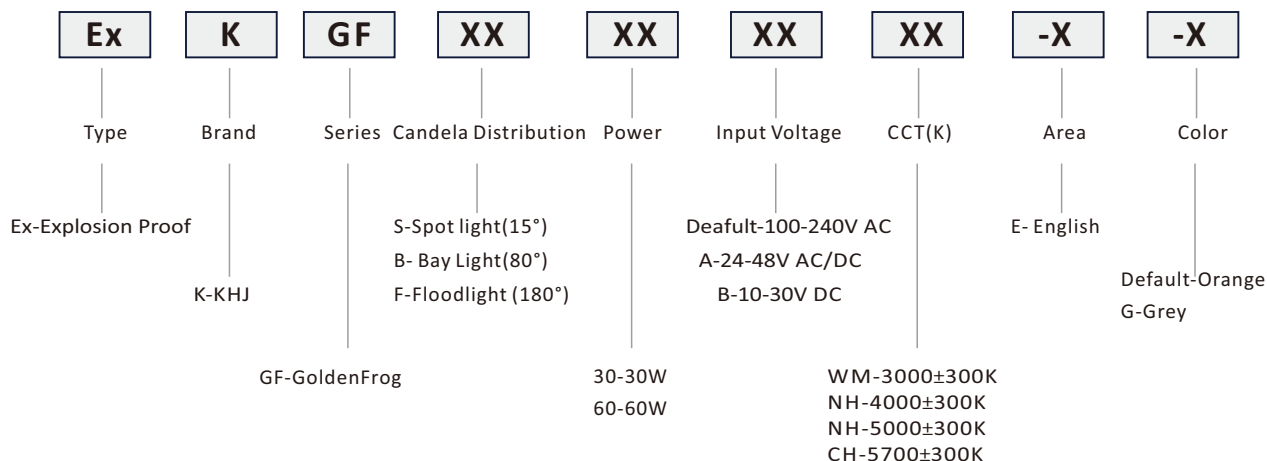
Electrical & Photometric Features:

Luminaire Efficacy:	140 lm/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*1.0-4mm ² (L+N+PE)
Available cable outer diameter:	φ7-φ14(mm)
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:	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

Production Definition

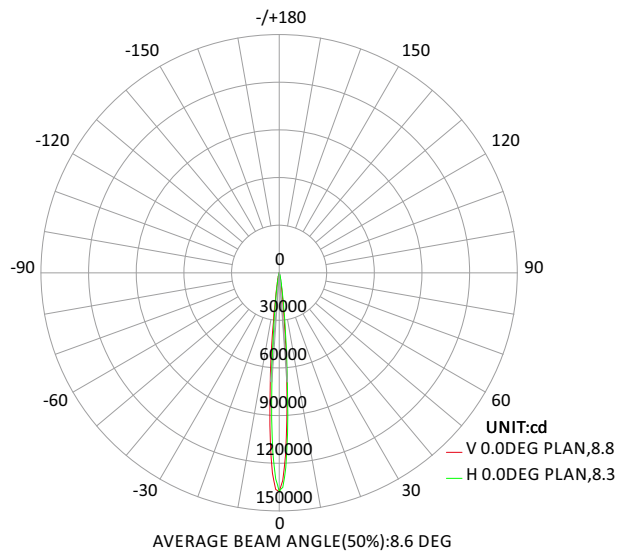


Ordering information

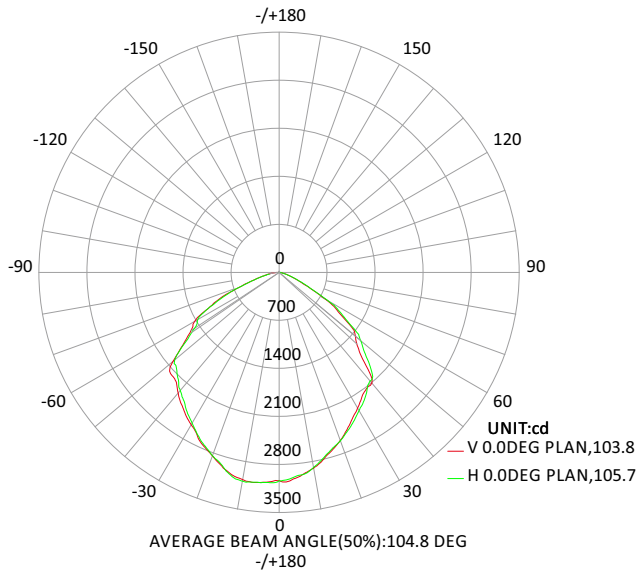
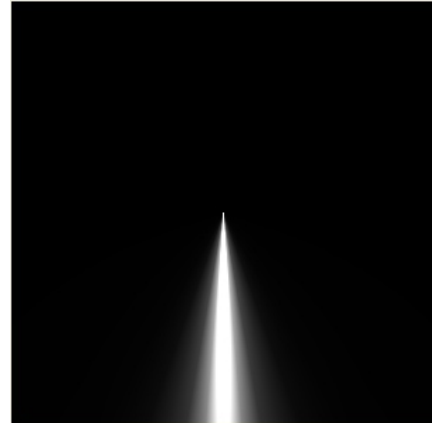
P/N	Operating Voltage(V)	Luminous Flux(lm)	Power(W)	CRI	Color Temp.	CCT(K)	Beam Distribution	Temp. Classification
Ex-KGFF30WM-E	100~240 AC (141~339 DC)	2992	30	80	Warm white	3000±300	180°	T6
Ex-KGFF30NH-E		4200	30	70	Natural white	4000±300	180°	T6
Ex-KGFF30NH-E		4200	30	70	Natural white	5000±300	180°	T6
Ex-KGFF30CH-E		4200	30	70	Cool white	5700±300	180°	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	180°	T6/T5
Ex-KGFF60NH-E		8400	60	70	Natural white	4000±300	180°	T6/T5
Ex-KGFF60NH-E		8400	60	70	Natural white	5000±300	180°	T6/T5
Ex-KGFF60CH-E		8400	60	70	Cool white	5700±300	180°	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

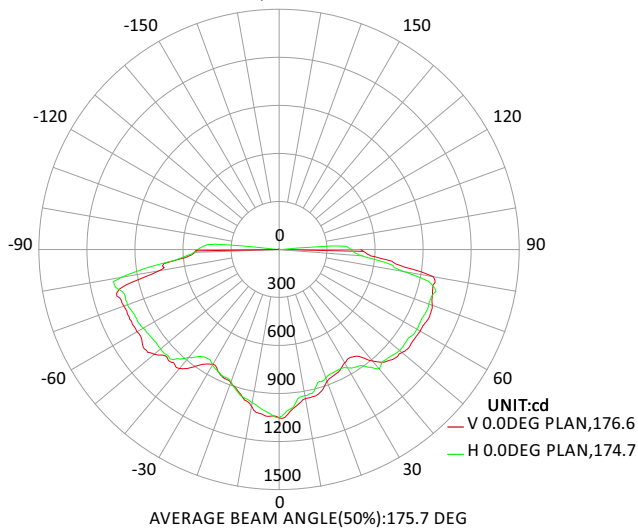
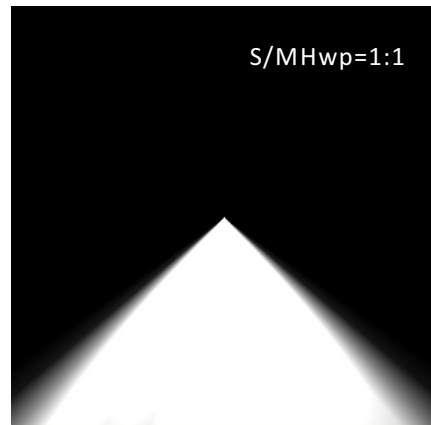
Candela Distribution



S-Spot light(15°)/High efficacy LED Source



B-Bay light(80°)/High efficacy LED Source



F-Flood light(180°)/High efficacy LED Source

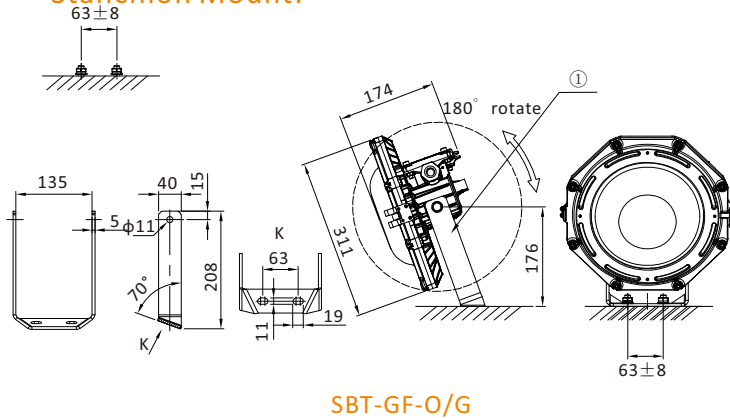


ATEX & IECEx Certified LED Floodlight/bay light in Hazardous Area.

Installation Method

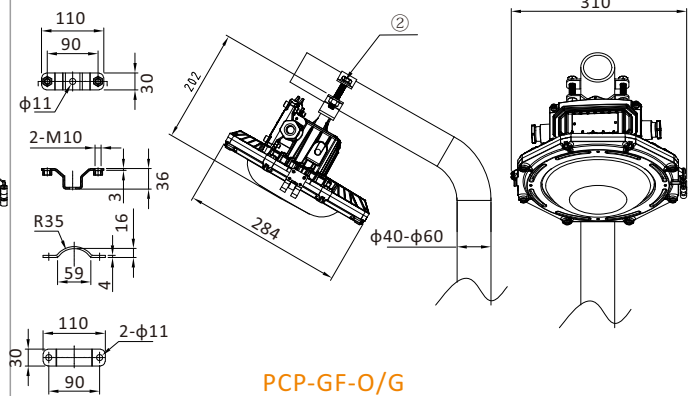
Stanchion Mount:

(unit:mm)



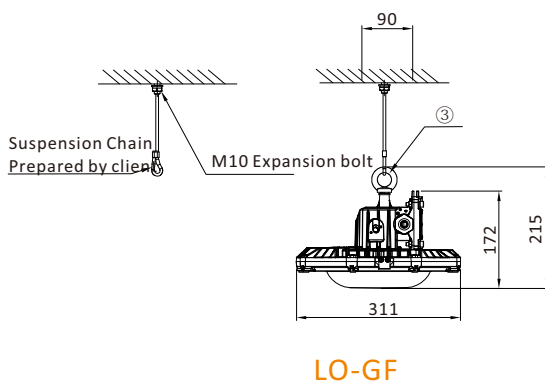
Pipe Clamp:

(unit:mm)



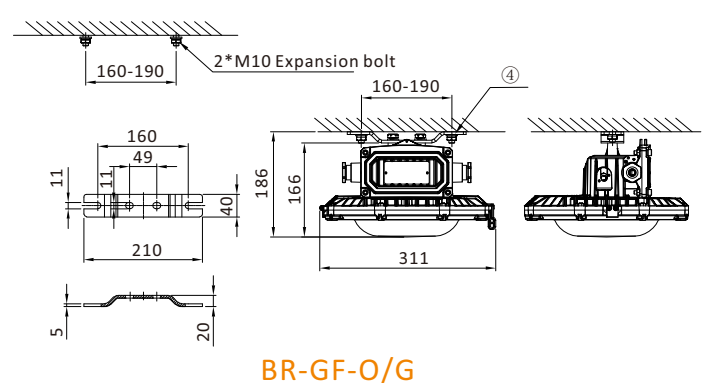
Pendant Mount:

(unit:mm)



Ceiling Mount:

(unit:mm)



Optional Parts

No.	Installation accessories	Part No.	Picture	Material	Weight(Kg)	QTY	Remark
1	Bracket	BR-GF-O/G		Q235	0.4	1	Ceiling mount
2	Stanchion Bracket	SBT-GF-O/G		Q235	0.4	1	Stanchion mount
3	Guard	GU-GF		SUS304	0.3	1	/
4	Loop	LO-GF		45#	0.1	1	Pendant mount
5	Pipe Clamp	PCP-GF-O/G		Q235	0.27	1	Pipe clamp