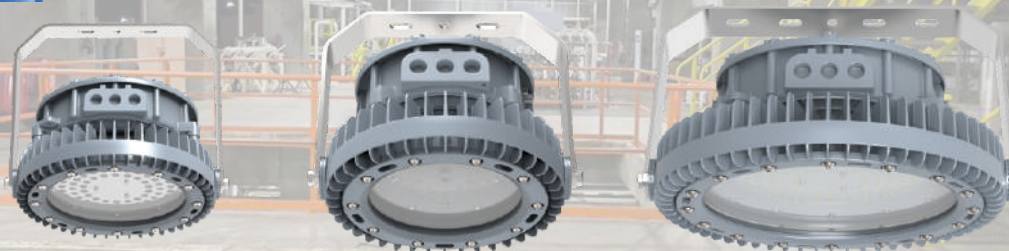




ATEX & IECEx Certified LED Floodlight
/Bay light/High bay light in Hazardous Area

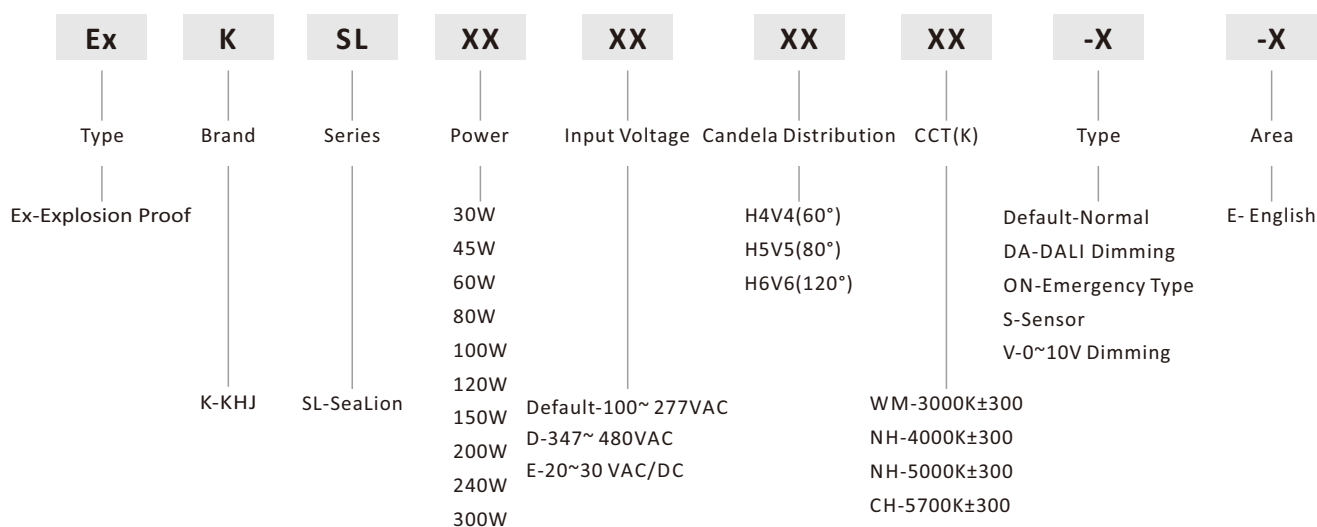


LED Explosion Proof Floodlight / Bay light / High bay light

- Sealion Series

Standard & Certificate:			
Ex Mark:		Gas:  II 2 G Ex db IIC T4/T5 Gb Dust:  II 2 D Ex tb IIIC T115°C/105°C/T95°C Db IP66	
Certificate:		ATEX Certification NO.: TÜV 20 ATEX 8608 X IECEx Certification NO.: IECEx TUR 20.0086X	CE RoHS
Executive Standard:		(IEC)EN 60079-0,(IEC)EN 60079-18,(IEC)EN 60079-1,(IEC)EN 60079-31,(IEC)EN 60079-7 EN 55015,EN 61000-3-3,EN 61547,EN 61000-3-2 EN 60598-1,EN 62493,EN 60598-2-5,EN 62031 IEC 62321-4,IEC 62321-7-1,IEC 62321-5,IEC 62321-7-2,IEC 62321-6,IEC 62321-8	
Classification:		Group II, Zone 1 & 21 and 2 & 22	
Electrical & Photometric Features:			
Luminarie Efficacy:		136.5lm/W	
Lifespan:		>50,000 hours	
Operating Voltage:	Normal	20-30 VAC/100-277 VAC/347-480 VAC;20-30 VDC/28-42 VDC/141-392 VDC/491-679 VDC	
	Emergency	220-240 VAC/311-339 VDC	
Power:	Normal	30W/45W/60W/80W/100W/120W/150W/200W/240W/300W	
	Emergency	10W	
Frequency:		50/60Hz	
Battery Capacity:		9.6V 4Ah	
Battery Type:		NI-MH	
Battery Lifespan:		500 cycles	
Light Duration:		3h	
Charge Time:		>24h	
Power Factor:		>0.98	
THD:		<10%	
Insulation Class:		I	
Surge Protection:		4KV/6KV	
LED Driver:		Over voltage protection/short circuit protection	
Mechanical Features:			
Weight:		8.5Kg(30-80W)/11Kg(100-150W)/14Kg(200-300W)	
Size:		ϕ 275*195mm(30-80W)/ ϕ 330*197mm(100-150W) ϕ 415*197mm(200-300W)	
Ambient Temperature:		-40℃-+55℃(Normal);-20℃-+55℃(Emergemcy)	
Connec. ng Terminals:		3*1.0-4.0mm²(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:		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)	Temp. Classification	
							-40℃~+55℃	-40℃~+65℃
Ex-KSL30*WM-E	100~277 AC (141~392 DC)	3795	30	70	Warm white	3000±300	T5	T4
Ex-KSL30*NH-E		4095	30	70	Natural white	4000±300	T5	T4
Ex-KSL30*NH-E		4095	30	70	Natural white	5000±300	T5	T4
Ex-KSL30*CH-E		4095	30	70	Cool white	5700±300	T5	T4
Ex-KSL45*WM-E		5693	45	70	Warm white	3000±300	T5	T4
Ex-KSL45*NH-E		6143	45	70	Natural white	4000±300	T5	T4
Ex-KSL45*NH-E		6143	45	70	Natural white	5000±300	T5	T4
Ex-KSL45*CH-E		6143	45	70	Cool white	5700±300	T5	T4
Ex-KSL60*WM-E		7590	60	70	Warm white	3000±300	T5	T4
Ex-KSL60*NH-E		8190	60	70	Natural white	4000±300	T5	T4
Ex-KSL60*NH-E		8190	60	70	Natural white	5000±300	T5	T4
Ex-KSL60*CH-E		8190	60	70	Cool white	5700±300	T5	T4
Ex-KSL80*WM-E		10120	80	70	Warm white	3000±300	T5	/
Ex-KSL80*NH-E		10920	80	70	Natural white	4000±300	T5	/
Ex-KSL80*NH-E		10920	80	70	Natural white	5000±300	T5	/
Ex-KSL80*CH-E		10920	80	70	Cool white	5700±300	T5	/

Ordering Information

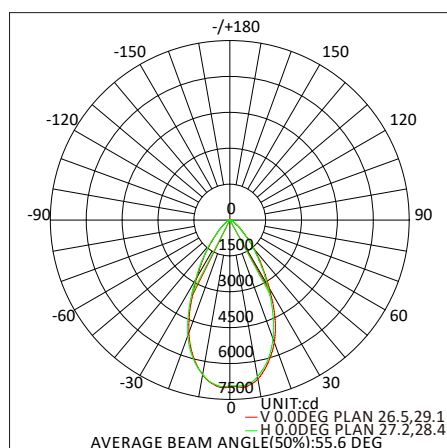
P/N	Operating Voltage(V)	Luminous Flux(lm)	Power(W)	CRI	Color Temp.	CCT(K)	Temp. Classification	
							-40℃~+55℃	-40℃~+65℃
Ex-KSL100*WM-E	100~277 AC (141~392 DC)	12650	100	70	Warm white	3000±300	T5	T4
Ex-KSL100*NH-E		13650	100	70	Natural white	4000±300	T5	T4
Ex-KSL100*NH-E		13650	100	70	Natural white	5000±300	T5	T4
Ex-KSL100*CH-E		13650	100	70	Cool white	5700±300	T5	T4
Ex-KSL120*WM-E		15180	120	70	Warm white	3000±300	T5	T4
Ex-KSL120*NH-E		16380	120	70	Natural white	4000±300	T5	T4
Ex-KSL120*NH-E		16380	120	70	Natural white	5000±300	T5	T4
Ex-KSL120*CH-E		16380	120	70	Cool white	5700±300	T5	T4
Ex-KSL150*WM-E		18975	150	70	Warm white	3000±300	T5	/
Ex-KSL150*NH-E		20475	150	70	Natural white	4000±300	T5	/
Ex-KSL150*NH-E		20475	150	70	Natural white	5000±300	T5	/
Ex-KSL150*CH-E		20475	150	70	Cool white	5700±300	T5	/
Ex-KSL200*WM-E		25300	200	70	Warm white	3000±300	T5	/
Ex-KSL200*NH-E		27300	200	70	Natural white	4000±300	T5	/
Ex-KSL200*NH-E		27300	200	70	Natural white	5000±300	T5	/
Ex-KSL200*CH-E		27300	200	70	Cool white	5700±300	T5	/
Ex-KSL240*WM-E		30360	240	70	Warm white	3000±300	T5	/
Ex-KSL240*NH-E		32760	240	70	Natural white	4000±300	T5	/
Ex-KSL240*NH-E		32760	240	70	Natural white	5000±300	T5	/
Ex-KSL240*CH-E		32760	240	70	Cool white	5700±300	T5	/
Ex-KSL300*WM-E		37950	300	70	Warm white	3000±300	T4	/
Ex-KSL300*NH-E		40950	300	70	Natural white	4000±300	T4	/
Ex-KSL300*NH-E		40950	300	70	Natural white	5000±300	T4	/
Ex-KSL300*CH-E		40950	300	70	Cool white	5700±300	T4	/

Remarks: 1. *Stands for beam angle , including H4V4 / H5V5 / H6V6 .
2. For beam angle H4V4 and H5V5, the luminous flux will be 15% less;

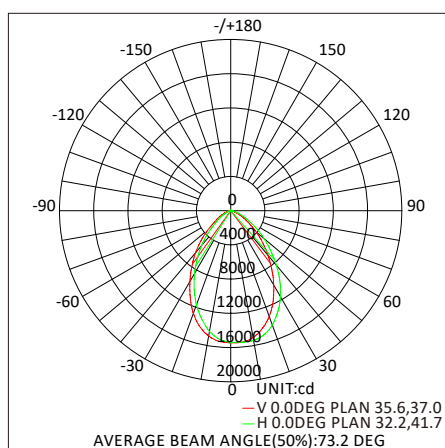
KHJ Replaceable Luminaire Models

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	
80W	175W-250W	175W-250W	
100W	250W-400W	250W-400W	
120W	250W-400W	250W-400W	
150W	400W	400W	
200W	400W-500W	400W-500W	
240W	600W-750W	600W-750W	
300W	750W-1000W	750W-1000W	

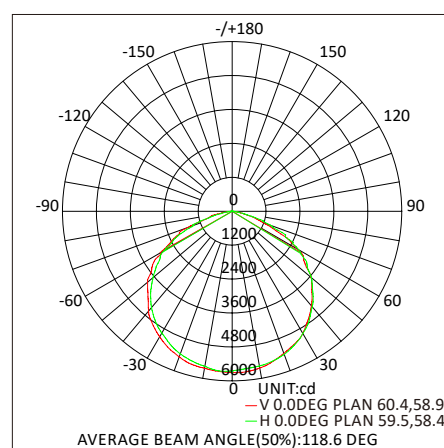
Candela Distribution



H4V4

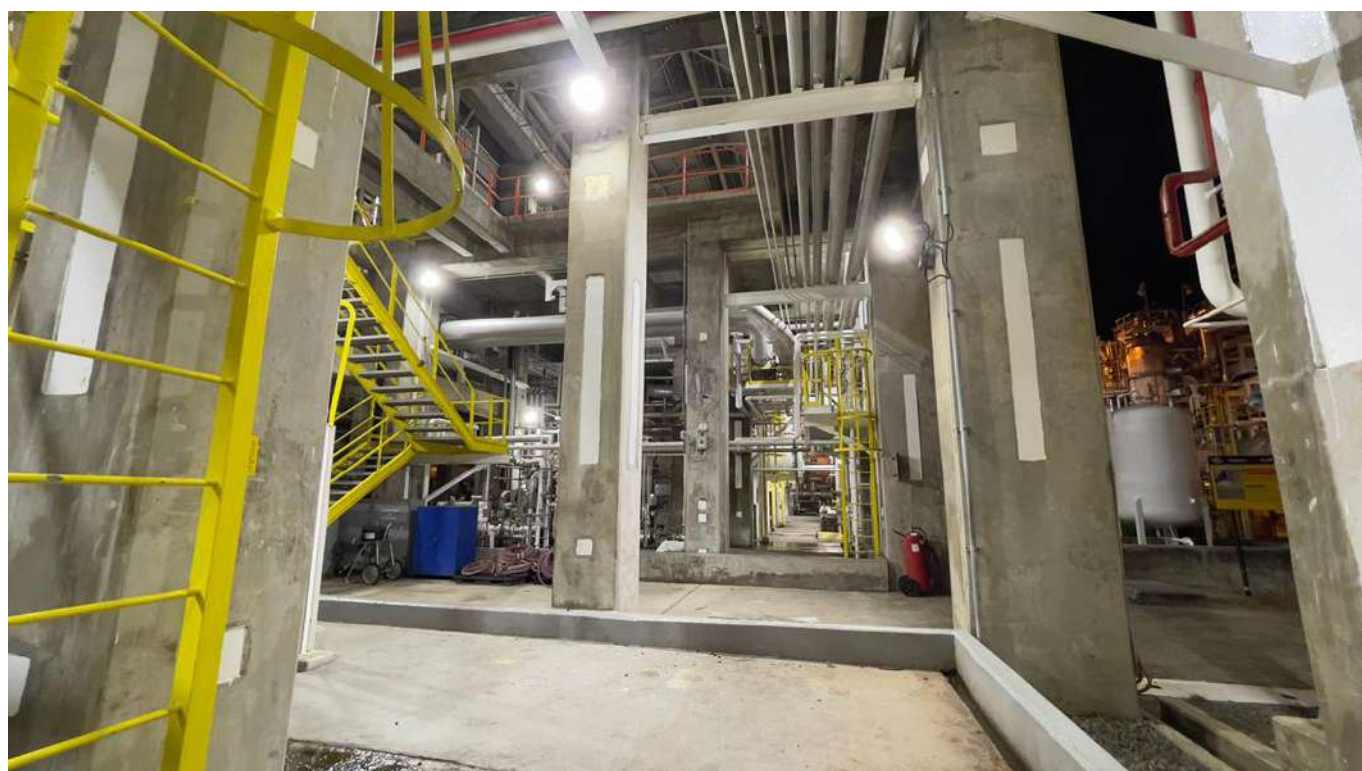
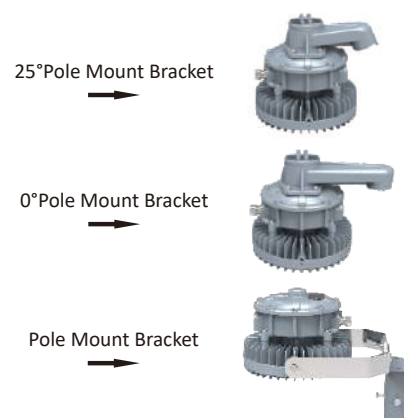


H5V5

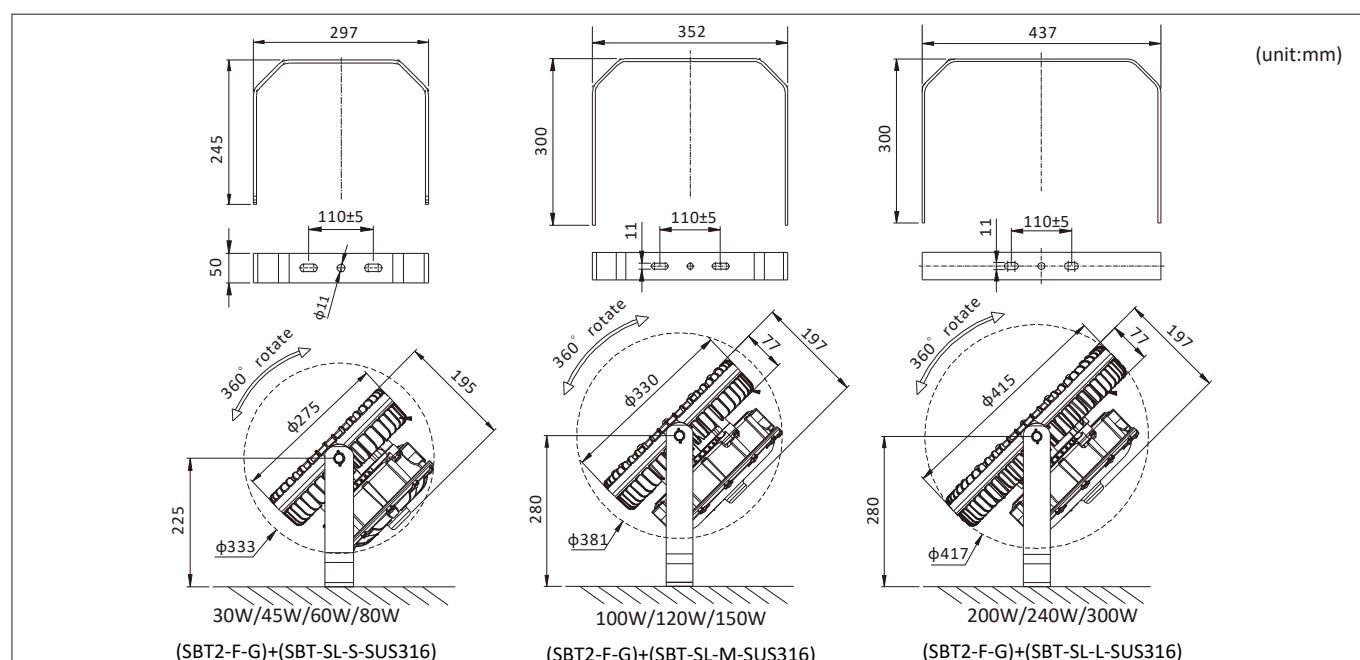


H6V6

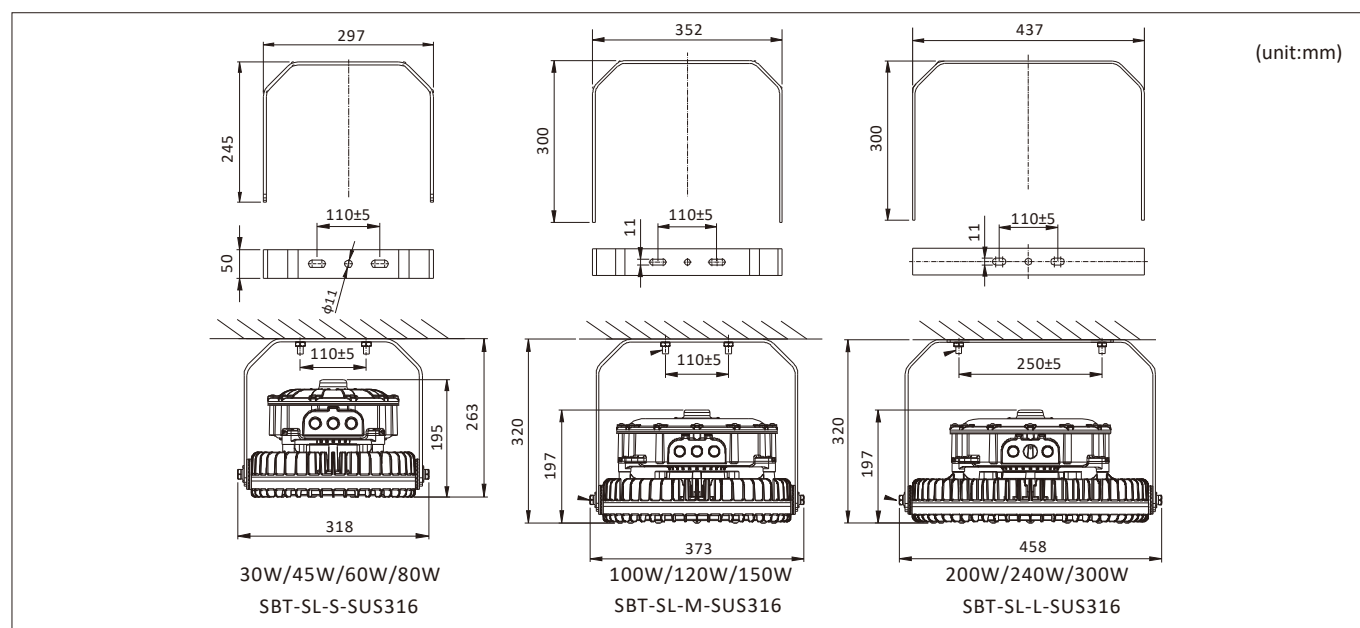
Optional Parts



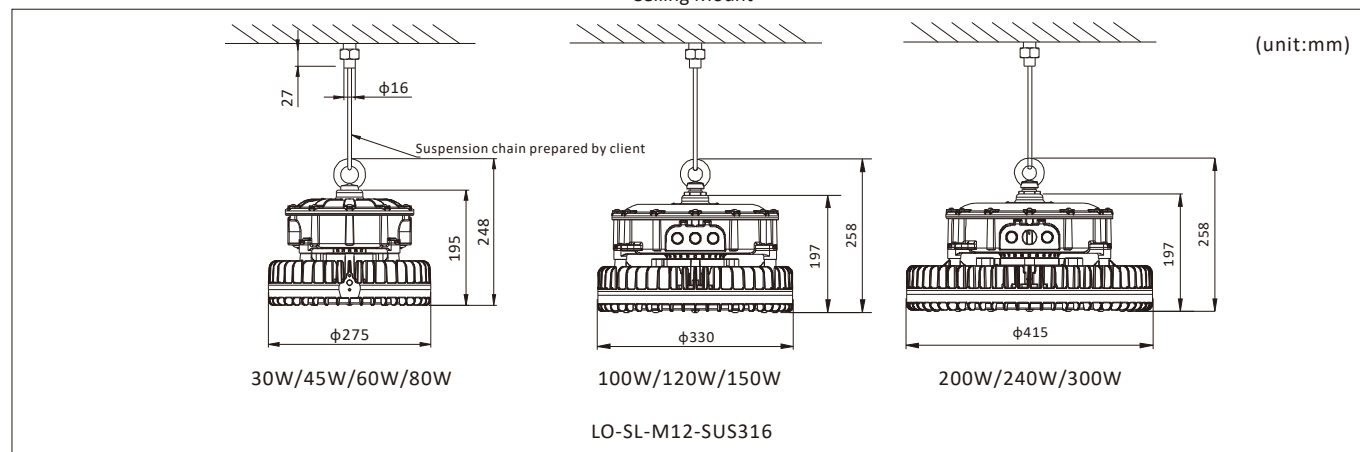
Installation Method



Stanchion Mount



Ceiling Mount



Pendant Mount

