

KLEAN Food Grade



 ALBEO High Bay



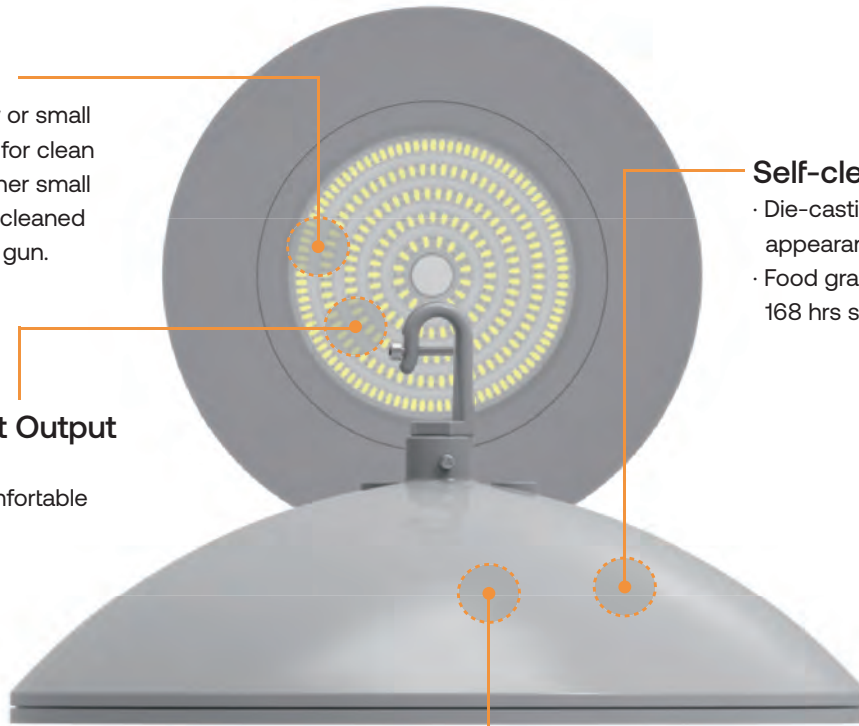
Product Features

NSF Requirement

- IP69K & IK08, no screw or small parts on the front, easy for clean and no screw or any other small part will drop when it is cleaned by high-pressure water gun.

High Efficient Light Output

- Up to 150LPW efficacy
- No flicker, the most comfortable lighting.



Self-clean Apperance

- Die-casting housing, Self-clean appearance
- Food grade powder finish, can pass 168 hrs salt spray test.

Reliable Electrical Parameters

- 4KV/6KV surge protection
- Over temperature protection

Applications



Cold Storage



Milk Processing Plant



Meat Processing Plant



Bread Factory



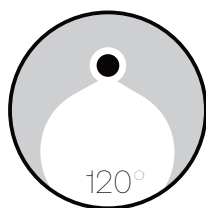
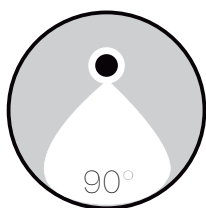
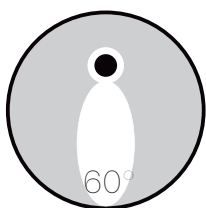
Typical Specifications

Food Grade Zone	NSF Non-food & Splash Zone		
System Power	100W	120W	150W
Lumens	15000 lm Max.	18000 lm Max	22500 lm Max.
System Efficiency	150 LPW Max.		
CCT	3000/4000/5000/5700K		
CRI	Ra≥70/80/90		
SDCM	≤5		
Beam Angle	60°/90°/120°		
Input Voltage	100-240V		
Power Factor	≥0.95		
THD	<20%		
Surge Protection	L-N 4KV,L/N-G 6KV		
Ripple Current Ratio	≤5%		
Dimming	2 in 1 (PWM, 0-10V)/3 in 1 (PWM, 1-10V, Resistor)/ DALI optional		
Control	On-Off /Microwave Motion Sensor		
Protection	IP69K/IK08		
Safety Class	Class I		
Housing Material	Die-casting Aluminum		
Working Temperature	-40~+45°C		
Rated Lifetime	50,000 hrs		
Mounting	Hook/String Suspension		

Dimension

	Power	D	H	N.W.
	100W	400 mm	197 mm	5.8 Kg
	120W	278 mm	167 mm	5.8 Kg
	150W	345 mm	170 mm	5.8 Kg

Photometric



Order Logic

KFC	100W	90D	8	30	AD	MS
PROD. ID	Power	Beam Angle	CRI	CCT	Dimming	Control
KFC: KLEAN Highbay	100W	60D: 60°	7: Ra≥70	30: 3000K	D2: 2 in 1	Default: On/Off
	120W	90D: 90°	8: Ra≥80	40: 4000K	D3: 3 in 1	MS: Motion Sensor
	150W	120D: 120°	9: Ra≥90	50: 5000K	DA: DALI	
				57: 5700K		

Order Description

Description	Power	Lumens	Efficacy	CCT	CRI	Angle	Dimming	Control	QTY/CTN
KFC100W90D730D2	100W	13500 lm	135 LPW	3000K	Ra≥70	90°	2 in 1	On/Off	1 pc
KFC100W90D740D2	100W	15000 lm	150 LPW	4000K	Ra≥70	90°	2 in 1	On/Off	1 pc
KFC100W90D750D2	100W	15000 lm	150 LPW	5000K	Ra≥70	90°	2 in 1	On/Off	1 pc
KFC100W90D757D2	100W	15000 lm	150 LPW	5700K	Ra≥70	90°	2 in 1	On/Off	1 pc
KFC150W90D730D2	120W	16200 lm	135 LPW	3000K	Ra≥70	90°	2 in 1	On/Off	1 pc
KFC150W90D740D2	120W	18000 lm	150 LPW	4000K	Ra≥70	90°	2 in 1	On/Off	1 pc
KFC150W90D750D2	120W	18000 lm	150 LPW	5000K	Ra≥70	90°	2 in 1	On/Off	1 pc
KFC150W90D757D2	120W	18000 lm	150 LPW	5700K	Ra≥70	90°	2 in 1	On/Off	1 pc
KFC200W90D730D2	150W	20250 lm	135 LPW	3000K	Ra≥70	90°	2 in 1	On/Off	1 pc
KFC200W90D740D2	150W	22500 lm	150 LPW	4000K	Ra≥70	90°	2 in 1	On/Off	1 pc
KFC200W90D750D2	150W	22500 lm	150 LPW	5000K	Ra≥70	90°	2 in 1	On/Off	1 pc
KFC200W90D757D2	150W	22500 lm	150 LPW	5700K	Ra≥70	90°	2 in 1	On/Off	1 pc
KFC100W90D830D2	100W	12600 lm	126 LPW	3000K	Ra≥80	90°	2 in 1	On/Off	1 pc
KFC100W90D840D2	100W	14000 lm	140 LPW	4000K	Ra≥80	90°	2 in 1	On/Off	1 pc
KFC100W90D850D2	100W	14000 lm	140 LPW	5000K	Ra≥80	90°	2 in 1	On/Off	1 pc
KFC100W90D857D2	100W	14000 lm	140 LPW	5700K	Ra≥80	90°	2 in 1	On/Off	1 pc
KFC150W90D830D2	120W	15120 lm	126 LPW	3000K	Ra≥80	90°	2 in 1	On/Off	1 pc
KFC150W90D840D2	120W	16800 lm	140 LPW	4000K	Ra≥80	90°	2 in 1	On/Off	1 pc
KFC150W90D850D2	120W	16800 lm	140 LPW	5000K	Ra≥80	90°	2 in 1	On/Off	1 pc
KFC150W90D857D2	120W	16800 lm	140 LPW	5700K	Ra≥80	90°	2 in 1	On/Off	1 pc
KFC200W90D830D2	150W	18900 lm	126 LPW	3000K	Ra≥80	90°	2 in 1	On/Off	1 pc
KFC200W90D840D2	150W	21000 lm	140 LPW	4000K	Ra≥80	90°	2 in 1	On/Off	1 pc
KFC200W90D850D2	150W	21000 lm	140 LPW	5000K	Ra≥80	90°	2 in 1	On/Off	1 pc
KFC200W90D857D2	150W	21000 lm	140 LPW	5700K	Ra≥80	90°	2 in 1	On/Off	1 pc

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KNIGHT G3



 ALBEO High Bay



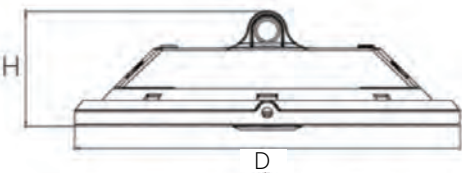
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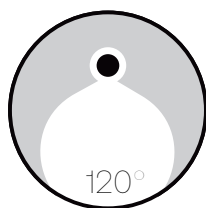
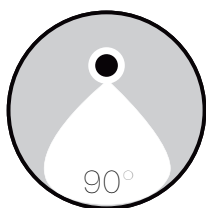
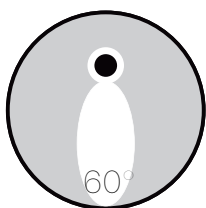
Typical Specifications

System Power	60W	100W	150W	200W
Lumens	8400/9600/11400 lm	14000/16000/19000 lm	21000/24000/28500 lm	28000/32000/38000 lm
System Efficacy	140/160/190 LPW			
CCT	4000/5000/6500K			
CRI	Ra≥70/Ra≥80/Ra≥90			
SDCM	≤5			
Beam Angle	90°/120°	60°/90°/120°		
Input Voltage	110-277V			
Power Factor	≥0.95			
THD	<20%			
Surge Protection	L-N 4KV,L/N-G 6KV			
Ripple Current Ratio	≤10%			
Dimming	N/A	3 in 1 dimming (PWM, 1-10V, Resistor)		
Control	On/Off / Microwave Motion Sensor			
Protection	IP65/IK08			
Safety Class	Class I			
Housing Material	Die-casting Aluminum			
Working Temperature	-40~+45℃			
Rated Lifetime	50,000 hrs			
Mounting	Hook /Chain/Rod/Bracket Mount			

Dimension

	Power	D	H	N.W.
	60W	192mm	81 mm	1.1 Kg
	100W	262mm	104 mm	2.1 Kg
	150W	300mm	102 mm	2.8 Kg
	200W	336mm	102 mm	3.1 Kg

Photometric



Order Logic

KPHBOG	60W	J	H	S	W	ND	GEN3	MS
PROD. ID	Power	Efficacy	Mounting	Beam Angle	CCT	Dimming	Generation	Control
KPHBOG: Knight Highbay	60W	T:TriGain	H: Suspension	S: 60°	W: 4000K	ND: Non-dimming	GEN3:	Default: On/Off
	100W	J: High	M: Barcket	M: 90°	N: 5000K	D: Dimming	Generation III	MS: Motion Sensor
	150W	I: Normal		W: 120°	C: 6500K			
	200W							

Order Description

Description	Power	Lumens	Efficacy	CCT	CRI	Beam Angle	Dimming	Control	QTY/CTN
KPHBOG60WIH-MW-ND-GEN3	60W	8400 lm	140 LPW	4000K	Ra≥80	90°	N	On/Off	1 pc
KPHBOG60WIH-WW-ND-GEN3	60W	8400 lm	140 LPW	4000K	Ra≥80	120°	N	On/Off	1 pc
KPHBOG100WIH-SW-D-GEN3	100W	14000 lm	140 LPW	4000K	Ra≥80	60°	Y	On/Off	1 pc
KPHBOG100WIH-MW-D-GEN3	100W	14000 lm	140 LPW	4000K	Ra≥80	90°	Y	On/Off	1 pc
KPHBOG100WIH-WW-D-GEN3	100W	14000 lm	140 LPW	4000K	Ra≥80	120°	Y	On/Off	1 pc
KPHBOG150WIH-SW-D-GEN3	150W	21000 lm	140 LPW	4000K	Ra≥80	60°	Y	On/Off	1 pc
KPHBOG150WIH-MW-D-GEN3	150W	21000 lm	140 LPW	4000K	Ra≥80	90°	Y	On/Off	1 pc
KPHBOG150WIH-WW-D-GEN3	150W	21000 lm	140 LPW	4000K	Ra≥80	120°	Y	On/Off	1 pc
KPHBOG200WIH-SW-D-GEN3	200W	28000 lm	140 LPW	4000K	Ra≥80	60°	Y	On/Off	1 pc
KPHBOG200WIH-MW-D-GEN3	200W	28000 lm	140 LPW	4000K	Ra≥80	90°	Y	On/Off	1 pc
KPHBOG200WIH-WW-D-GEN3	200W	28000 lm	140 LPW	4000K	Ra≥80	120°	Y	On/Off	1 pc
KPHBOG60WJH-MW-ND-GEN3	60W	11400 lm	190 LPW	4000K	Ra≥70	90°	N	On/Off	1 pc
KPHBOG60WJH-WW-ND-GEN3	60W	11400 lm	190 LPW	4000K	Ra≥70	120°	N	On/Off	1 pc
KPHBOG100WJH-SW-D-GEN3	100W	19000 lm	190 LPW	4000K	Ra≥70	60°	Y	On/Off	1 pc
KPHBOG100WJH-MW-D-GEN3	100W	19000 lm	190 LPW	4000K	Ra≥70	90°	Y	On/Off	1 pc
KPHBOG100WJH-WW-D-GEN3	100W	19000 lm	190 LPW	4000K	Ra≥70	120°	Y	On/Off	1 pc
KPHBOG150WJH-SW-D-GEN3	150W	28500 lm	190 LPW	4000K	Ra≥70	60°	Y	On/Off	1 pc
KPHBOG150WJH-MW-D-GEN3	150W	28500 lm	190 LPW	4000K	Ra≥70	90°	Y	On/Off	1 pc
KPHBOG150WJH-WW-D-GEN3	150W	28500 lm	190 LPW	4000K	Ra≥70	120°	Y	On/Off	1 pc
KPHBOG200WJH-SW-D-GEN3	200W	38000 lm	190 LPW	4000K	Ra≥70	60°	Y	On/Off	1 pc
KPHBOG200WJH-MW-D-GEN3	200W	38000 lm	190 LPW	4000K	Ra≥70	90°	Y	On/Off	1 pc
KPHBOG200WJH-WW-D-GEN3	200W	38000 lm	190 LPW	4000K	Ra≥70	120°	Y	On/Off	1 pc
KPHBOG60WTH-MW-ND-GEN3	60W	9600 lm	160 LPW	4000K	Ra≥90	90°	N	On/Off	1 pc
KPHBOG60WTH-WW-ND-GEN3	60W	9600 lm	160 LPW	4000K	Ra≥90	120°	N	On/Off	1 pc
KPHBOG100WTH-SW-D-GEN3	100W	16000 lm	160 LPW	4000K	Ra≥90	60°	Y	On/Off	1 pc
KPHBOG100WTH-MW-D-GEN3	100W	16000 lm	160 LPW	4000K	Ra≥90	90°	Y	On/Off	1 pc
KPHBOG100WTH-WW-D-GEN3	100W	16000 lm	160 LPW	4000K	Ra≥90	120°	Y	On/Off	1 pc
KPHBOG150WTH-SW-D-GEN3	150W	24000 lm	160 LPW	4000K	Ra≥90	60°	Y	On/Off	1 pc
KPHBOG150WTH-MW-D-GEN3	150W	24000 lm	160 LPW	4000K	Ra≥90	90°	Y	On/Off	1 pc
KPHBOG150WTH-WW-D-GEN3	150W	24000 lm	160 LPW	4000K	Ra≥90	120°	Y	On/Off	1 pc
KPHBOG200WTH-SW-D-GEN3	200W	32000 lm	160 LPW	4000K	Ra≥90	60°	Y	On/Off	1 pc
KPHBOG200WTH-MW-D-GEN3	200W	32000 lm	160 LPW	4000K	Ra≥90	90°	Y	On/Off	1 pc
KPHBOG200WTH-WW-D-GEN3	200W	32000 lm	160 LPW	4000K	Ra≥90	120°	Y	On/Off	1 pc

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TriGain
technology

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KNIGHT G4



 ALBEO High Bay



Current 



Product Features

Reliable Electrical Performance

- Wide range input voltage workable for heavy industrial applications
- 6KV/10KV surge protection

Superior Light Output

- Up to 210 LPW efficacy, can greatly save electrical cost.
- 60/90/120° light distribution is optional, satisfying all kinds of industrial applications.

Durable Structure

- Die-casting housing, Self-clean appearance
- IP65 & IK10 rating, with respirator suitable for applications where ambient temperature is -40°C to +45°C.



Multiple Options

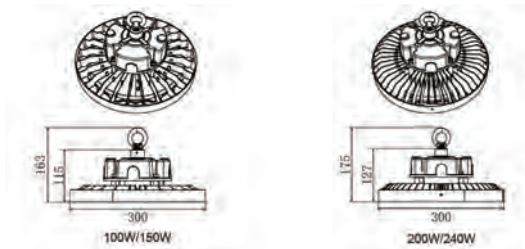
- Motion Sensor:
 - Factory Setting: 100%+ 10-50% standby
 - Remote controller: (on/off, standby light setting, Day Threshold setting)
- Emergency: 90/180 mins
- DALI Dimming



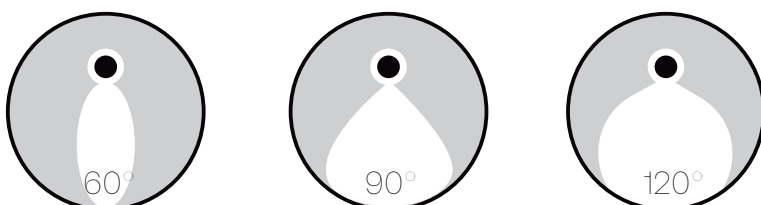
Typical Specifications

System Power	100W	150W	200W	240W
Lumens	16500/18000/21000	24750/27000/31500 lm	33000/36000/42000 lm	38400/42000/46800
System Efficacy	165/180/210 LPW			160/175/195 LPW
CCT	4000/5000/6500K			
CRI	Ra≥70/Ra≥80/Ra≥90			
SDCM	≤5			
Beam Angle	60°/90°/120°			
Input Voltage	110-277V			
Power Factor	≥0.95			
THD	≤15%			
Surge Protection	L-N 6KV,L/N-G 10KV			
Ripple Current Ratio	≤10%			
Dimming	0-10V/DALI			
Control	On-off / Microwave Motion Sensor			
Emergency	Optional			
Protection	IP65/IK10			
Safety Class	Class I			
Housing Material	Die-casting Aluminum			
Anti-condensation	With Respirator			
Working Temperature	-40~+45°C			
Rated Lifetime	50,000hrs			
Mounting	Hook /Chain/Rod/Bracket Mount			

Dimension

	Power	D	H	N.W.
	100W	300 mm	115 mm	2.8 Kg
	150W	300 mm	115 mm	3.2 Kg
	200W	300 mm	127 mm	4.2 Kg
	240W	300 mm	127mm	4.2 Kg

Photometric





Order Logic

KPHBOG	60W	J	H	S	W	D	GEN4	
PROD. ID	Power	Efficacy	Mounting	Beam Angle	CCT	Dimming	Generation	Options
KPHBOG: Knight Highbay	100W	T: TriGain	H: Suspension	S: 60°	W: 4000K	D: 0-10V dimming	GEN4:	MS: Motion Sensor
	150W	J: High	M: Barcket	M: 90°	N: 5000K	DA: DALI Dimming	Generation IV	EM: Emergency
	200W	I: Normal		W: 120°	C: 6500K			
	240W							

Order Description

Description	Power	Lumens	Efficacy	CCT	CRI	Beam Angle	Dimming	Control	QTY/CTN
KPHBOG100WIH-SW-D-GEN4	100W	18000 lm	180 LPW	4000K	Ra≥80	60°	0-10V	On/Off	1 pc
KPHBOG100WIH-MW-D-GEN4	100W	18000 lm	180 LPW	4000K	Ra≥80	90°	0-10V	On/Off	1 pc
KPHBOG100WIH-WW-D-GEN4	100W	18000 lm	180 LPW	4000K	Ra≥80	120°	0-10V	On/Off	1 pc
KPHBOG150WIH-SW-D-GEN4	150W	27000 lm	180 LPW	4000K	Ra≥80	60°	0-10V	On/Off	1 pc
KPHBOG150WIH-MW-D-GEN4	150W	27000 lm	180 LPW	4000K	Ra≥80	90°	0-10V	On/Off	1 pc
KPHBOG150WIH-WW-D-GEN4	150W	27000 lm	180 LPW	4000K	Ra≥80	120°	0-10V	On/Off	1 pc
KPHBOG200WIH-SW-D-GEN4	200W	36000 lm	180 LPW	4000K	Ra≥80	60°	0-10V	On/Off	1 pc
KPHBOG200WIH-MW-D-GEN4	200W	36000 lm	180 LPW	4000K	Ra≥80	90°	0-10V	On/Off	1 pc
KPHBOG200WIH-WW-D-GEN4	200W	36000 lm	180 LPW	4000K	Ra≥80	120°	0-10V	On/Off	1 pc
KPHBOG240WIH-SW-D-GEN4	240W	42000 lm	175 LPW	4000K	Ra≥80	60°	0-10V	On/Off	1 pc
KPHBOG240WIH-MW-D-GEN4	240W	42000 lm	175 LPW	4000K	Ra≥80	90°	0-10V	On/Off	1 pc
KPHBOG240WIH-WW-D-GEN4	240W	42000 lm	175 LPW	4000K	Ra≥80	120°	0-10V	On/Off	1 pc
KPHBOG100WJH-SW-D-GEN4	100W	21000 lm	210 LPW	4000K	Ra≥70	60°	0-10V	On/Off	1 pc
KPHBOG100WJH-MW-D-GEN4	100W	21000 lm	210 LPW	4000K	Ra≥70	90°	0-10V	On/Off	1 pc
KPHBOG100WJH-WW-D-GEN4	100W	21000 lm	210 LPW	4000K	Ra≥70	120°	0-10V	On/Off	1 pc
KPHBOG150WJH-SW-D-GEN4	150W	31500 lm	210 LPW	4000K	Ra≥70	60°	0-10V	On/Off	1 pc
KPHBOG150WJH-MW-D-GEN4	150W	31500 lm	210 LPW	4000K	Ra≥70	90°	0-10V	On/Off	1 pc
KPHBOG150WJH-WW-D-GEN4	150W	31500 lm	210 LPW	4000K	Ra≥70	120°	0-10V	On/Off	1 pc
KPHBOG200WJH-SW-D-GEN4	200W	42000 lm	210 LPW	4000K	Ra≥70	60°	0-10V	On/Off	1 pc
KPHBOG200WJH-MW-D-GEN4	200W	42000 lm	210 LPW	4000K	Ra≥70	90°	0-10V	On/Off	1 pc
KPHBOG200WJH-WW-D-GEN4	200W	42000 lm	210 LPW	4000K	Ra≥70	120°	0-10V	On/Off	1 pc
KPHBOG240WJH-SW-D-GEN4	240W	46800 lm	195 LPW	4000K	Ra≥70	60°	0-10V	On/Off	1 pc
KPHBOG240WJH-MW-D-GEN4	240W	46800 lm	195 LPW	4000K	Ra≥70	90°	0-10V	On/Off	1 pc
KPHBOG240WJH-WW-D-GEN4	240W	46800 lm	195 LPW	4000K	Ra≥70	120°	0-10V	On/Off	1 pc
KPHBOG100WTH-SW-D-GEN4	100W	16000 lm	165 LPW	4000K	Ra≥90	60°	0-10V	On/Off	1 pc
KPHBOG100WTH-MW-D-GEN4	100W	16000 lm	165 LPW	4000K	Ra≥90	90°	0-10V	On/Off	1 pc
KPHBOG100WTH-WW-D-GEN4	100W	16000 lm	165 LPW	4000K	Ra≥90	120°	0-10V	On/Off	1 pc
KPHBOG150WTH-SW-D-GEN4	150W	24000 lm	165 LPW	4000K	Ra≥90	60°	0-10V	On/Off	1 pc
KPHBOG150WTH-MW-D-GEN4	150W	24000 lm	165 LPW	4000K	Ra≥90	90°	0-10V	On/Off	1 pc
KPHBOG150WTH-WW-D-GEN4	150W	24000 lm	165 LPW	4000K	Ra≥90	120°	0-10V	On/Off	1 pc
KPHBOG200WTH-SW-D-GEN4	200W	32000 lm	165 LPW	4000K	Ra≥90	60°	0-10V	On/Off	1 pc
KPHBOG200WTH-MW-D-GEN4	200W	32000 lm	165 LPW	4000K	Ra≥90	90°	0-10V	On/Off	1 pc
KPHBOG200WTH-WW-D-GEN4	200W	32000 lm	165 LPW	4000K	Ra≥90	120°	0-10V	On/Off	1 pc
KPHBOG240WTH-SW-D-GEN4	240W	38400 lm	160 LPW	4000K	Ra≥90	60°	0-10V	On/Off	1 pc
KPHBOG240WTH-MW-D-GEN4	240W	38400 lm	160 LPW	4000K	Ra≥90	90°	0-10V	On/Off	1 pc
KPHBOG240WTH-WW-D-GEN4	240W	38400 lm	160 LPW	4000K	Ra≥90	120°	0-10V	On/Off	1 pc

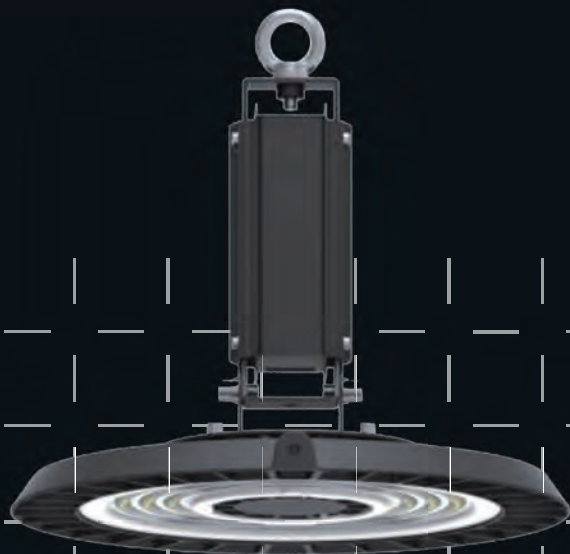
TriGain[®] technology

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KNIGHT HT



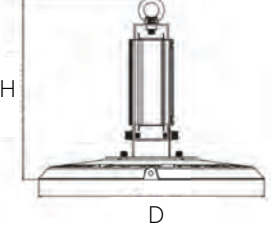
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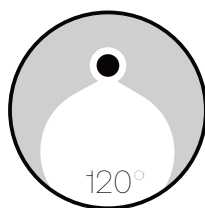
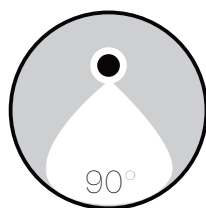
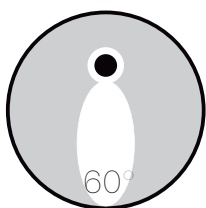
Typical Specifications

System Power	100W	150W
Lumens	16000 lm	24000 lm
System Efficacy	160 LPW	
CCT	4000/6500K	
CRI	Ra≥70	
SDCM	≤5	
Beam Angle	60°/90°/120°	
Input Voltage	220-240V	
Power Factor	0.9	
THD	≤20%	
Surge Protection	L-N:4KV L/N-G: 6KV	
Ripple Current Ratio	≤10%	
Dimming	3 in 1 dimming (PWM, 1-10V, Resistor)	
Control	On-Off	
Protection	IP65/IK08	
Safety Class	Class I	
Housing Material	Die-casting Aluminum	
Working Temperature	-40~+ 65°C	
Rated Lifetime	50,000 hrs	
Mounting	Hook/String Suspension	

Dimension

	Power	D	H	N.W.
	100W	342 mm	308 mm	3.4 Kg
	150W	381 mm	308 mm	3.7 Kg

Photometric





Order Logic

KPHBOG	100W	I	H	S	W	D	GEN2	HT
PROD. ID	Power	Efficacy	Mounting	Beam Angle	CCT	Dimming	Generation	Version
KPHBOG: Knight Highbay	100W	J: High	H: Suspension	S: 60°	W: 4000K	ND: Non-dimming	GEN2:	HT:
	150W	I: Normal		M: 90°	N: 5000K	D: Dimming	Generation II	High Temperature
				W: 120°	CR: 5700K			
					C: 6500K			

Order Description

Description	Power	Lumens	Efficacy	CCT	Beam Angle	Dimming	QTY/CTN
KPHBOG100WIH-SW-D-GEN2-HT	100W	16000 lm	160 LPW	4000K	60°	Y	1 pc
KPHBOG100WIH-MW-D-GEN2-HT	100W	16000 lm	160 LPW	4000K	90°	Y	1 pc
KPHBOG100WIH-WW-D-GEN2-HT	100W	16000 lm	160 LPW	4000K	120°	Y	1 pc
KPHBOG150WIH-SW-D-GEN2-HT	150W	24000 lm	160 LPW	4000K	60°	Y	1 pc
KPHBOG150WIH-MW-D-GEN2-HT	150W	24000 lm	160 LPW	4000K	90°	Y	1 pc
KPHBOG150WIH-WW-D-GEN2-HT	150W	24000 lm	160 LPW	4000K	120°	Y	1 pc
KPHBOG100WIH-SN-D-GEN2-HT	100W	16000 lm	160 LPW	5000K	60°	Y	1 pc
KPHBOG100WIH-MN-D-GEN2-HT	100W	16000 lm	160 LPW	5000K	90°	Y	1 pc
KPHBOG100WIH-WN-D-GEN2-HT	100W	16000 lm	160 LPW	5000K	120°	Y	1 pc
KPHBOG150WIH-SN-D-GEN2-HT	150W	24000 lm	160 LPW	5000K	60°	Y	1 pc
KPHBOG150WIH-MN-D-GEN2-HT	150W	24000 lm	160 LPW	5000K	90°	Y	1 pc
KPHBOG150WIH-WN-D-GEN2-HT	150W	24000 lm	160 LPW	5000K	120°	Y	1 pc
KPHBOG100WIH-SCR-D-GEN2-HT	100W	16000 lm	160 LPW	5700K	60°	Y	1 pc
KPHBOG100WIH-MCR-D-GEN2-HT	100W	16000 lm	160 LPW	5700K	90°	Y	1 pc
KPHBOG100WIH-WCR-D-GEN2-HT	100W	16000 lm	160 LPW	5700K	120°	Y	1 pc
KPHBOG150WIH-SCR-D-GEN2-HT	150W	24000 lm	160 LPW	5700K	60°	Y	1 pc
KPHBOG150WIH-MCR-D-GEN2-HT	150W	24000 lm	160 LPW	5700K	90°	Y	1 pc
KPHBOG150WIH-WCR-D-GEN2-HT	150W	24000 lm	160 LPW	5700K	120°	Y	1 pc
KPHBOG100WIH-SC-D-GEN2-HT	100W	16000 lm	160 LPW	6500K	60°	Y	1 pc
KPHBOG100WIH-MC-D-GEN2-HT	100W	16000 lm	160 LPW	6500K	90°	Y	1 pc
KPHBOG100WIH-WC-D-GEN2-HT	100W	16000 lm	160 LPW	6500K	120°	Y	1 pc
KPHBOG150WIH-SC-D-GEN2-HT	150W	24000 lm	160 LPW	6500K	60°	Y	1 pc
KPHBOG150WIH-MC-D-GEN2-HT	150W	24000 lm	160 LPW	6500K	90°	Y	1 pc
KPHBOG150WIH-WC-D-GEN2-HT	150W	24000 lm	160 LPW	6500K	120°	Y	1 pc

The above is only including a part of product info. Please consult us if any further product info is needed.

LINEAR G4



 ALBEO High Bay



Current 



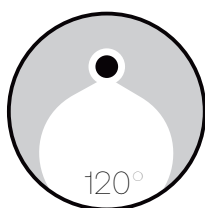
Typical Specifications

Size	1 x 2 ft	2 x 2 ft	1 x 4 ft	2 x 4 ft
System Power	80W-150W	200W	150W-200W	250W
Lumens	25500 lm Max.	34000 lm Max.	34000 lm Max.	42500 lm Max.
System Efficacy	170 LPW Max.			
CCT	4000/6500K			
CRI	Ra≥70			
SDCM	≤5			
Beam Angle	120°/40°×100°			
Input Voltage	100-277V			
Power Factor	≥0.95			
THD	≤20%			
Surge Protection	L-N 6KV, L/N-G 10KV			
Ripple Current Ratio	≤10%			
Dimming	1-10V			
Control	On-Off / Microwave motion sensor			
Emergency	25W 90/180 mins optional			
Protection	IP40/IK04			
Safety Class	Class I			
Housing Material	SPCC			
Working Temperature	-20~+45°C			
Rated Lifetime	50,000hrs			
Mounting	Rod/String Suspension			

Dimension

	Size	L	W	H	N.W.
	1 x 2 ft	614 mm	306 mm	48 mm	2.7 Kg
	2 x 2 ft	614 mm	502 mm	48 mm	3.5 Kg
	1 x 4 ft	1230 mm	306 mm	48 mm	5.0 Kg
	2 x 4 ft	1230 mm	502 mm	48 mm	6.0 Kg

Photometric



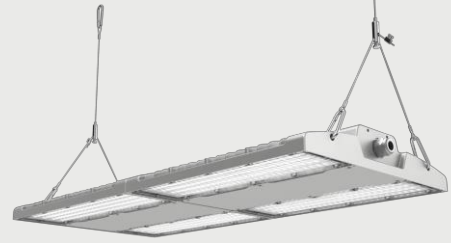
Order Logic

LHB	2FTS	80W	W	N	GEN4	--
PROD. ID	Size	Power	Beam Angle	CCT	Generation	OPTION
LHB: Linear Highbay	2FTS: 1 x 2 ft	80W	W: 120°	N = 4000K	GEN 4:	MS – Motion Sensor
	2FTN: 2 x 2 ft	100W	A: 40°x100°	C = 6500K	Generation IV	BP – Battery Pack
	4FTS: 1 x 4 ft	150W				
	4FTN: 2 x 4 ft	200W				
		250W				

Order Description

Description	Power	Size	Lumens	Efficacy	CCT	Beam Angle	Control	Emergency	QTY/CTN
LHB2FTS80WWNGEN4	80W	1 x 2 ft	13600 lm	170 LPW	4000K	120°	On-Off	N	2 pcs
LHB2FTS100WWNGEN4	100W	1 x 2 ft	17000 lm	170 LPW	4000K	120°	On-Off	N	2 pcs
LHB2FTS150WWNGEN4	150W	1 x 2 ft	25500 lm	170 LPW	4000K	120°	On-Off	N	2 pcs
LHB2FTN200WWNGEN4	200W	2 x 2 ft	34000 lm	170 LPW	4000K	120°	On-Off	N	2 pcs
LHB4FTS150WWNGEN4	150W	1 x 4 ft	25500 lm	170 LPW	4000K	120°	On-Off	N	2 pcs
LHB4FTS200WWNGEN4	200W	1 x 4 ft	34000 lm	170 LPW	4000K	120°	On-Off	N	2 pcs
LHB4FTN250WWNGEN4	250W	2 x 4 ft	42500 lm	170 LPW	4000K	120°	On-Off	N	2 pcs
LHB2FTS80WANGEN4	80W	1 x 2 ft	13600 lm	170 LPW	4000K	40°x100°	On-Off	N	2 pcs
LHB2FTS100WANGEN4	100W	1 x 2 ft	17000 lm	170 LPW	4000K	40°x100°	On-Off	N	2 pcs
LHB2FTS150WANGEN4	150W	1 x 2 ft	25500 lm	170 LPW	4000K	40°x100°	On-Off	N	2 pcs
LHB2FTN200WANGEN4	200W	2 x 2 ft	34000 lm	170 LPW	4000K	40°x100°	On-Off	N	2 pcs
LHB4FTS150WANGEN4	150W	1 x 4 ft	25500 lm	170 LPW	4000K	40°x100°	On-Off	N	2 pcs
LHB4FTS200WANGEN4	200W	1 x 4 ft	34000 lm	170 LPW	4000K	40°x100°	On-Off	N	2 pcs
LHB4FTN250WANGEN4	250W	2 x 4 ft	42500 lm	170 LPW	4000K	40°x100°	On-Off	N	2 pcs
LHB2FTS80WWCGEN4	80W	1 x 2 ft	13600 lm	170 LPW	6500K	120°	On-Off	N	2 pcs
LHB2FTS100WWCGEN4	100W	1 x 2 ft	17000 lm	170 LPW	6500K	120°	On-Off	N	2 pcs
LHB2FTS150WWCGEN4	150W	1 x 2 ft	25500 lm	170 LPW	6500K	120°	On-Off	N	2 pcs
LHB2FTN200WWCGEN4	200W	2 x 2 ft	34000 lm	170 LPW	6500K	120°	On-Off	N	2 pcs
LHB4FTS150WWCGEN4	150W	1 x 4 ft	25500 lm	170 LPW	6500K	120°	On-Off	N	2 pcs
LHB4FTS200WWCGEN4	200W	1 x 4 ft	34000 lm	170 LPW	6500K	120°	On-Off	N	2 pcs
LHB4FTN250WWCGEN4	250W	2 x 4 ft	42500 lm	170 LPW	6500K	120°	On-Off	N	2 pcs
LHB2FTS80WACGEN4	80W	1 x 2 ft	13600 lm	170 LPW	6500K	40°x100°	On-Off	N	2 pcs
LHB2FTS100WACGEN4	100W	1 x 2 ft	17000 lm	170 LPW	6500K	40°x100°	On-Off	N	2 pcs
LHB2FTS150WACGEN4	150W	1 x 2 ft	25500 lm	170 LPW	6500K	40°x100°	On-Off	N	2 pcs
LHB2FTN200WACGEN4	200W	2 x 2 ft	34000 lm	170 LPW	6500K	40°x100°	On-Off	N	2 pcs
LHB4FTS150WACGEN4	150W	1 x 4 ft	25500 lm	170 LPW	6500K	40°x100°	On-Off	N	2 pcs
LHB4FTS200WACGEN4	200W	1 x 4 ft	34000 lm	170 LPW	6500K	40°x100°	On-Off	N	2 pcs
LHB4FTN250WACGEN4	250W	2 x 4 ft	42500 lm	170 LPW	6500K	40°x100°	On-Off	N	2 pcs

The above is only including a part of product info. Please consult us if any further product info is needed.



Product Features

Durable Construction

- High impact resistance (IK10) and high protection against water and dust (IP66), passed the German ball strike test DIN 57710-13;
- Suitable for stadiums, industrial workshops, warehouses, etc

Intelligent Control

- Built-in PIR, microwave, and daylight sensors optional;
- Support 0-10V, DALI, DMX dimming



Efficient and Comfortable Light Output

- Luminous efficacy up to 160lm/W
- Professional optical design, multiple beam angles available;
- UGR<19, meet the glare control requirements of the arena.

Convenient Installation

- Variety of mounting options and accessories are available to support the hanging chain, ceiling and tilt angle mounting

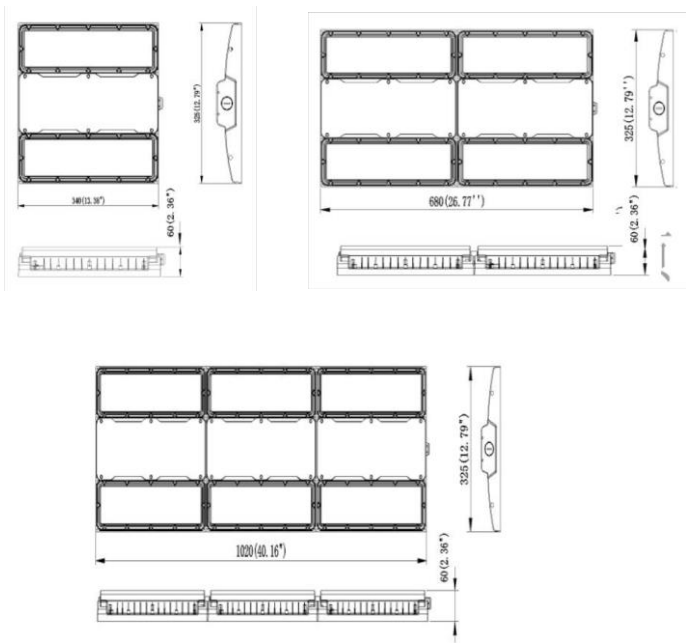


Typical Specifications

Power	100W	150W	200W	240W	300W	400W	500W
Lumens	15,500lm	23,250lm	31,000lm	37,200lm	46,500lm	62,000lm	74,400lm
Light Efficacy	160LPW						
CCT	3000K/4000/5000/5700K						
CRI	Ra≥70/80/90 optional						
SDCM	≤5						
Beam Angle	W/W9L/EW/A1/A2						
Input Voltage	220-240V, 50/60HZ						
Power Factor	≥0.95						
THD	≤20%						
Surge Protection	10KV						
IP/IK	IP66 & IK10						
Safety Class	Class I						
Intelligent Control	DALI/ZigBee, mirowave/PIR sensor						
Anti-corrosion	500h salt spray test						
Housing	Aluminium die casting						
Operating temp	-30 ~ +50°C						
Rate Lifetime	50,000 hrs						
Mounting	Hanging, ceiling, bracket mounting						
Certification	CQC/CE/CB/RoHS						



Dimension



Power(W)	Size(mm)	N.W.(Kg)
100	340×325×60	3.5
150	340×325×60	3.7
200	680×325×60	6.7
240	680×325×60	6.8
300	680×325×60	7.8
400	1020×325×60	10.7
500	1020×325×60	11.1

Accessories



Suspension rope



60°adjustable
bracket



Ceiling mount
bracket



Safety chain



Glare Control
Louver



Microwave motion
sensor



PIR sensor



Daylight sensor



ZigBee e wireless
control and gateway



Ordering Information

DYSL	150W	U	8	57	W	-	-
PROD. ID	Power	Input Voltage	CRI	CCT	Beam angle	Bracket	Dimming
DY: DYN	100W	U:220-240V	9:Ra90	40= 4000K	W	Blank: Hanging	Blank: On/Off
SL: Sports Lighting	150W		8:Ra90	50= 5000K	W9L	C: Ceiling	DM: 0-10V
	200W		7:Ra70	57= 5700K	EW		DL: DALI
	240W				A1		DX: DMX
	300W				A2		MW: Microwave sensor
	400W						PR: PIR sensor
	500W						

Ordering code

Item No.	Power (W)	Lumens (lm)	Input Voltage (V)	CRI	CCT (K)	Beam angle	IP rating	Dimming	Life span (hrs)	QTY/CTN
DYSL100WU757W	100	15,500	220-240	70	5700	W	IP66	On/off	50K	1
DYSL100WU757W9L	100	15,500	220-240	70	5700	W9L	IP66	On/off	50K	1
DYSL150WU757W	150	23,250	220-240	70	5700	W	IP66	On/off	50K	1
DYSL150WU757W9L	150	23,250	220-240	70	5700	W9L	IP66	On/off	50K	1
DYSL200WU757W	200	31,000	220-240	70	5700	W	IP66	On/off	50K	1
DYSL200WU757W9L	200	31,000	220-240	70	5700	W9L	IP66	On/off	50K	1
DYSL240WU757W	240	37,200	220-240	70	5700	W	IP66	On/off	50K	1
DYSL240WU757W9L	240	37,200	220-240	70	5700	W9L	IP66	On/off	50K	1
DYSL300WU757W	300	46,500	220-240	70	5700	W	IP66	On/off	50K	1
DYSL300WU757W9L	300	46,500	220-240	70	5700	W9L	IP66	On/off	50K	1
DYSL400WU757W	400	62,000	220-240	70	5700	W	IP66	On/off	50K	1
DYSL400WU757W9L	400	62,000	220-240	70	5700	W9L	IP66	On/off	50K	1
DYSL500WU757W	500	74,400	220-240	70	5700	W	IP66	On/off	50K	1
DYSL500WU757W9L	500	74,400	220-240	70	5700	W9L	IP66	On/off	50K	1

*Customized specifications are available upon request

*The above is only part of the product information. Please contact your local sales manager if complete list of products are required,

