



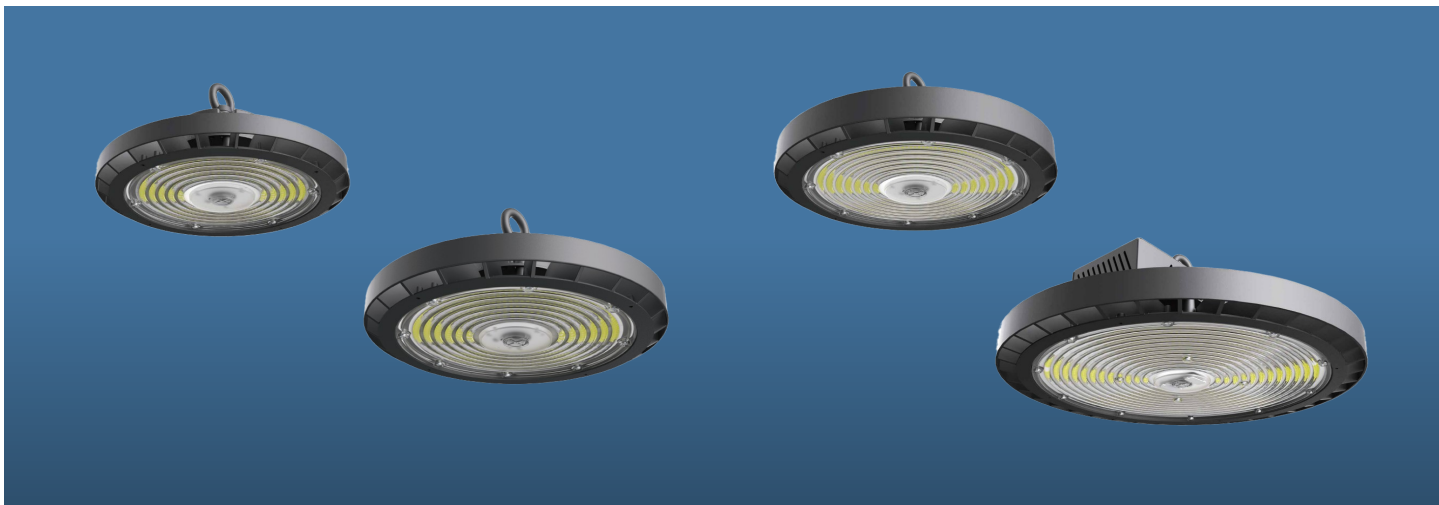
G6 LED UFO HIGH BAY

DESCRIPTION

A cost-effective UFO High Bay that fits within your budget, excelling in both performance and aesthetics, while offering strong adaptability to various environments with its exquisite profile. This compact and lightweight fixture is designed for exceptional durability and practicality. The UFO HB is an ideal choice for illuminating factories, warehouses, gymnasiums, and other outdoor areas.

FEATURES

- Wattage Selectable: From 60W to 500W
- CCT Selectable: 3500K/4000K/5000K
- 0-10V Dimming Standard
- Sensor Ready
- IP65 Rated
- 5 Year Warranty, 10 Year Optional
- Emergency Back Up Optional



Revised 09/30/2026

Specifications are typical values and may change without notification



JAYKAL
efficiency. illuminated

LED HIGH BAY G6 Series

SPECIFICATIONS

MODEL	JLS-G6HB				
TYPE	M1	M2	M3	M4	M5
WATTAGE	60W/80W/100W	99W/132W/165W	129W/172W/215W	150W/200W/250W	300W/400W/500W
EFFICACY	134-170lm/W				
LUMENS@4000K	8,900-15,000lm	14,700-24,700lm	18,600-31,200lm	22,200-36,200lm	49,200-82,500lm
INPUT VOLTAGE	120-277VAC / 277-480VAC				
POWER FACTOR	>0.9				
PROTECTION	Integral short circuit, open circuit, and overload protection				
THD	≤20%				
L70 HOURS	>100,000 Hours				
CRI	70/80				
CCT PRESETS	3500K/4000K/5000K Selectable				
DIMMING	0-10V Dimming				
DIMMING POWER RATING	<5mA				
SURGE PROTECTION	Standard 6KV & 10KV for 10-Year Warranty Option				
OPERATING TEMP.	-40°C to 45°C / -40°F to +113°F				
IP RATING	IP65				
ENVIRONMENT	Wet Location				
IK RATING	IK08				
HOUSING	Die-cast Aluminum				
LENS	Anti-UV prismatic translucent lens				
BEAM ANGLE	90° (default) /120°				
GLARE VALUE (UGR)	<28				
CERTIFICATIONS	UL/DLC				
FCC COMPLIANCE	FCC 47, CFR Part 15				
WARRANTY	5 Year Standard Warranty, 10 Year Optional				

ORDERING GUIDE

MODEL	-	WATTAGE	-	VOLTAGE	-	CCT	-	BEAM ANGLE	OPTIONS	DESIGNATION
JLS-G6HB		M1 = 60W/80W/100W M2 = 99W/132W/165W M3 = 129W/172W/215W M4 = 150W/200W/250W M5 = 300W/400W/500W		277 = 120-277VAC 480 = 277-480VAC		7MCCT = 3500K/4000K/5000K		90 = 90 Degree * 120 = 120 Degree * Default	N = No Option EM = Emer- gency Backup	[TAA] [COM]

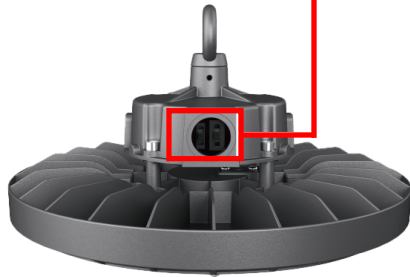
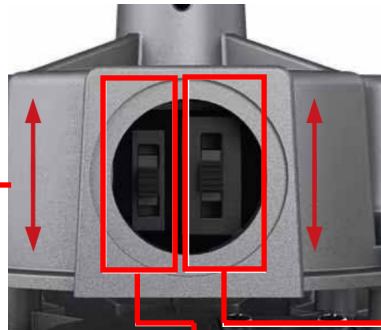
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efficiency. illuminated.



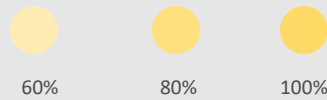
CCT AND WATTAGE SELECTABLE

This fixture has the function of selecting the lumen output and color temperature on-site.



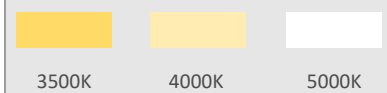
Suit for 100W, 165W, 215W and 250W.

WATTAGE SELECT



Each model supports 3 positions
wattage regulation: 100%, 80%,
60%.

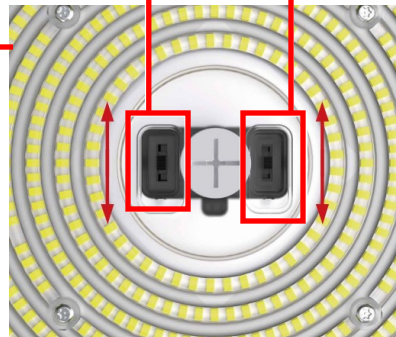
CCTSELECT



Offer three CCT selectable (3500K,
4000K, 5000K) or two CCT select-
able (4000K, 5000K).



Suit for 500W.



CCT AND WATTAGE SELECTABLE

This fixture has the function of select-
ing the lumens output and color tem-
perature on-site.



MOUNTING



Hanging Ring Mount



U-Bracket Mount



Conduit Pendant Mount

PERFORMANCE DATA

JLS-G6HB 100W

Setting	System Watts	CRI	3500K		4000K		5000K	
			Lumens	LPW	Lumens	LPW	Lumens	LPW
100%	100W	80	13,900 lm	139 lm/W	15,000 lm	150 lm/W	14,500 lm	145 lm/W
80%	80W	80	11,500 lm	144 lm/W	12,400 lm	155 lm/W	12,000 lm	150 lm/W
60%	60W	80	8,900 lm	148 lm/W	9,600 lm	160 lm/W	9,300 lm	155 lm/W

JLS-G6HB 165W

Setting	System Watts	CRI	3500K		4000K		5000K	
			Lumens	LPW	Lumens	LPW	Lumens	LPW
100%	165W	80	22,900 lm	139 lm/W	24,700 lm	150 lm/W	24,000 lm	145 lm/W
80%	132W	80	19,000 lm	144 lm/W	20,400 lm	155 lm/W	19,800 lm	150 lm/W
60%	99W	80	14,700 lm	148 lm/W	15,800 lm	160 lm/W	15,300 lm	155 lm/W

JLS-G6HB 215W

Setting	System Watts	CRI	3500K		4000K		5000K	
			Lumens	LPW	Lumens	LPW	Lumens	LPW
100%	215W	80	28,800 lm	134 lm/W	31,200 lm	145 lm/W	30,000 lm	140 lm/W
80%	172W	80	23,900 lm	139 lm/W	25,800 lm	150 lm/W	24,900 lm	145 lm/W
60%	129W	80	18,600 lm	144 lm/W	20,000 lm	155 lm/W	19,300 lm	150 lm/W

JLS-G6HB 250W

Setting	System Watts	CRI	3500K		4000K		5000K	
			Lumens	LPW	Lumens	LPW	Lumens	LPW
100%	250W	80	34,500 lm	138 lm/W	36,200 lm	145 lm/W	36,000 lm	144 lm/W
80%	200W	80	28,600 lm	143 lm/W	30,000 lm	150 lm/W	29,800 lm	149 lm/W
60%	150W	80	22,200 lm	148 lm/W	23,200 lm	155 lm/W	23,100 lm	154 lm/W

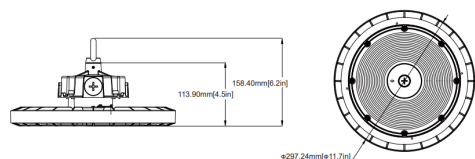
JLS-G6HB 500W

Setting	System Watts	CRI	3500K		4000K		5000K	
			Lumens	LPW	Lumens	LPW	Lumens	LPW
100%	500W	80	77,000 lm	154 lm/W	82,500 lm	165 lm/W	80,000 lm	160 lm/W
80%	400W	80	63,600 lm	159 lm/W	68,000 lm	170 lm/W	66,000 lm	165 lm/W
60%	300W	80	49,200 lm	164 lm/W	52,500 lm	175 lm/W	51,000 lm	170 lm/W

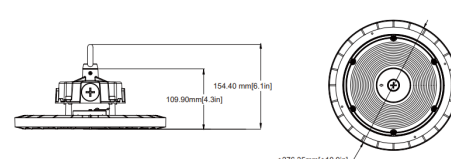
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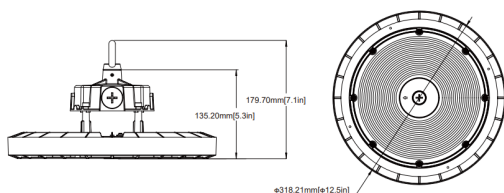
DIMENSIONS (Unit: mm/in.)



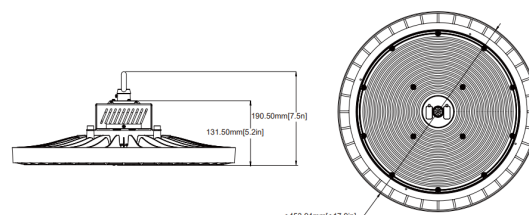
100W/165W



215W

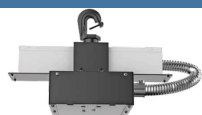


250W



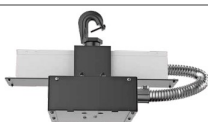
500W

ACCESSORIES (OPTIONAL)



EB box-25W/90min

Description: Emergency battery set for 25W, 3500lm, 90min Suit for 215W, 250W



EB box-16W/90min

Description: Emergency battery set for 16W, 2000lm, 90min Suit for 100W, 165W.



Plug-and-Play PIR Sensor

PIR sensor: MSANT12VPH01 Bluetooth PIR sensor: MSANT12VPHS01(Silvair System)/MSANT12VPHG01(GEBC System) Description: 100% sensitivity, Hold on time: 5min, Daylight Threshold: disable, Standby Dimming Level: 30%, Dimming time: 30minutes.



Plug-and-Play Microwave Sensor

Microwave Sensor: MSANT12VMH01 Bluetooth microwave sensor: MSANT12VMHS01(Silvair System)/MSANT12VMHG01(GEBC System) Description: 100% sensitivity, Hold on time: 5min, Daylight Threshold: disable, Standby Dimming Level: 30%, Dimming time: 30minutes.



U-Bracket Use for surface mount

Suit for 100W, 165W, 215W, 250W and 500W.



Aluminum reflector

Suit for 100W, 165W, 215W, 250W and 500W.



PC Reflector

Suit for 100W, 165W, 215W and 250W.



Conduit Adaptor

Use for conduit pendant mount or Emergency battery back-up. Suit for 100W, 165W, 215W, 250W and 500W.

Specifications are typical values and may change without notification



Accessories (SOLD SEPARATELY)

Mounting Accessories	
±90° Adjustable Bracket	JLS-G6HB-AB
Safety Rope ϕ 1.5mm Length=0.8m	JLS-G6HB-SR
Sling Chain ϕ 5mm Length=1m	JLS-G6HB-SC
Wire guards	JLS-G6HB-WG
PC Reflector	JLS-G6HB-PCR
Aluminum Reflector	JLS-G6HB-ALR
M10 Adapter	JLS-G6HB-M10A
EM Backups	
25W Emergency Backup (for 100W/150W 277V type)	JLS-UFO-25W
40W Emergency Backup (for 200W/240W 277V type)	JLS-UFO-40W

Compatible Sensors

BRAND	MODEL	PRODUCT TYPE
LUMALINX	JLS-ESS-EFS06R-AUX.A4	ESSENTIAL (STAND ALONE)
LUMALINX	JLS-ESS-RM51	REMOTE PROGRAMMER
LUMALINX	JLS-LLE-EFS106-AUX-W.B2	ENHANCED (BLUETOOTH)
LUMALINX	JLS-LLE-WPPA102-AUX-W.B1	ENHANCED (BLUETOOTH)

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