



LED High Bay (High Temp) UFO G6HB-H Series

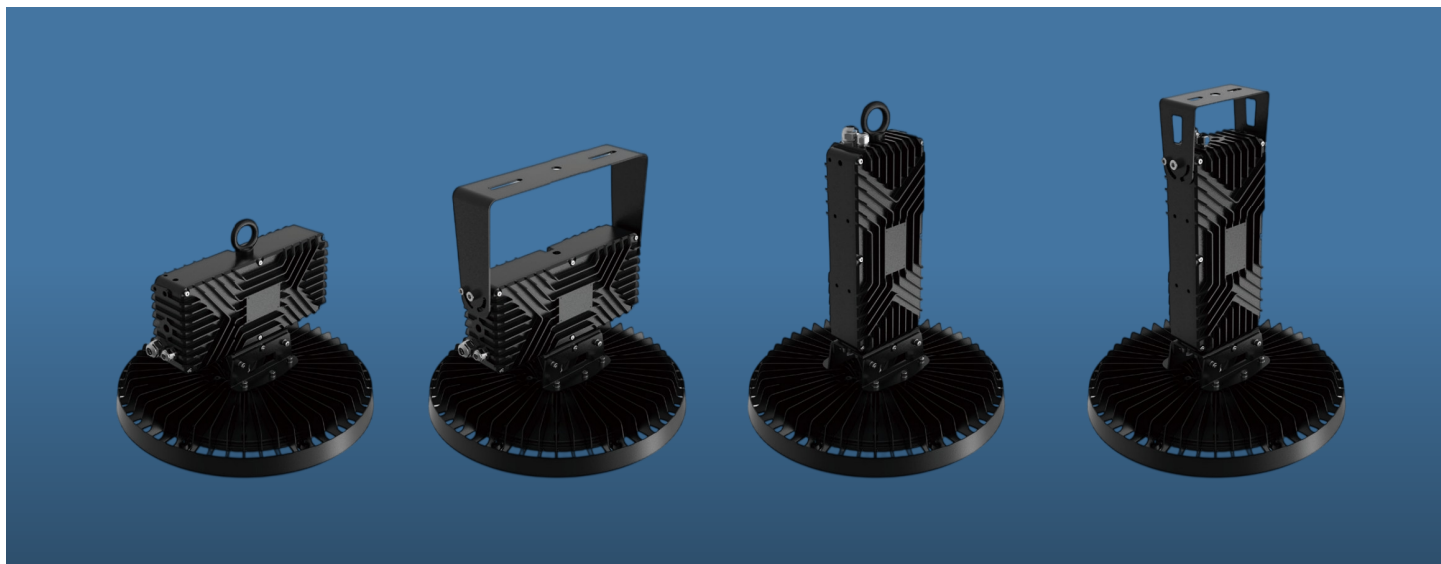
DESCRIPTION

Jaykal's High Ambient Temperature (75°F) High Bay fixtures are high-performance, energy-efficient luminaires designed for demanding industrial and commercial applications. Available with selectable wattage and 120—277V or 277—480V input, the fixture provides exceptional flexibility for a wide range of installation requirements. Adjustable color temperature from 3500K—5000K and efficacy up to 160 lm/W allow for optimized lighting performance and energy savings.

Engineered for high-ambient-temperature applications, the G6HB-H Series is designed to maintain reliable performance in elevated operating temperatures, making it an ideal solution for industrial facilities, warehouses, manufacturing plants, distribution centers, and other demanding high-bay environments.

FEATURES

- The power supply and lamp body are separated to minimize heat transfer between them and prevent component overheating.
- The power supply enclosure is enlarged and filled with a thermally conductive potting compound to improve heat conduction.
- The light-emitting surface is enlarged to reduce heat concentration per unit area.
- A 3.0 mm-thick PCB is used for better thermal conductivity.
- At 100 W, the fixture can operate in ambient temperatures of up to 80°C.
- The heat sink is designed to prevent dust accumulation. The back features a surface that slopes outward from the center, allowing dust to slide off and helping maintain excellent thermal conductivity.
- UL and cUL-listed



Revised 8/19/2026

Specifications are typical values and may change without notification



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G6HB-H Series

SPECIFICATIONS		
MODEL	JLS-G6HB-H-M1	JLS-G6HB-H-M2
RATED POWER	80W / 100W / 150W	100W / 150W / 200W
INPUT VOLTAGE	120–277V, 50/60HZ / 277–480V, 50/60HZ	
INPUT FREQUENCY	50/60Hz	
POWER FACTOR	>0.95	
EFFICACY	160 lm/W	
LUMENS	12,800/16,000/24,000 lm	16,000/24,000/32,000 lm
CCT	3500K/4000K/5000K Adjustable	
CRI	>70	
BEAM ANGLE	110°	
DIMMING	0–10V dimming (Optional)	
PROTECTION	Integral short-circuit, open-circuit, and overload protection	
SURGE PROTECTION	6KV	
OPERATING TEMPERATURE	-20°C to 80°C at 80W/100W -20°C to 75°C at 150W	-20°C to 80°C at 100W -20°C to 75°C at 150W/200W
HOUSING MATERIAL	Die-cast aluminum	
DIFFUSER	Glass	
IP	IP66	
SALT SPRAY TEST	500-hour salt spray	
FIXTURE COLOR	RAL9005 Black (standard)	
MOUNTING	Ring Mounting/U-Bracket Mounting	
FCC	FCC 47 CFR Part 15 Compliance	
WARRANTY	5-year warranty	

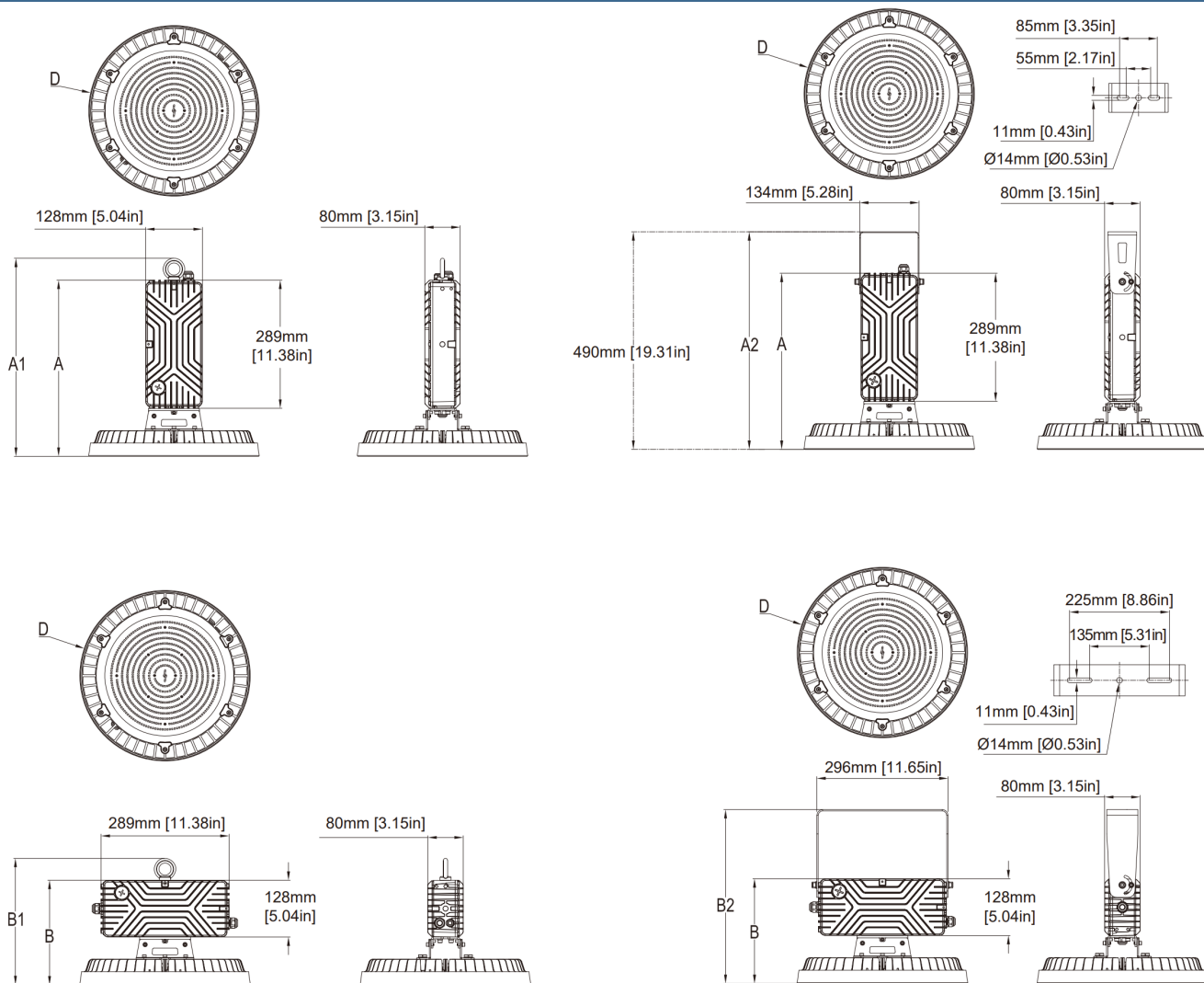
			ORDERING GUIDE					
MODEL	-	VOLTAGE	-	WATTAGE	-	CCT	-	MOUNT
JLS-G6HB-H		277 = 120-277VAC 480 = 277-480VAC		M1 = 80W/100W/150W M2 = 100W/150W/200W		7MCCT = 3500K/4000K/5000K Adjustable		Blank = Ring Mount (Default) U = U-Bracket Mount

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DIMENSIONS



Model	JLS-G6HB-H-M1	JLS-G6HB-H-M2
A	397mm[15.64in]	402mm[15.83in]
A1	446mm[17.58in]	452mm[17.80in]
A2	490mm[19.31in]	495mm[19.51in]
B	236mm[9.29in]	241mm[9.49in]
B1	285mm[11.22in]	290mm[11.42in]
B2	392mm[15.44in]	397mm[15.63in]
D	384.5mm[15.14in]	489.5mm[19.27in]

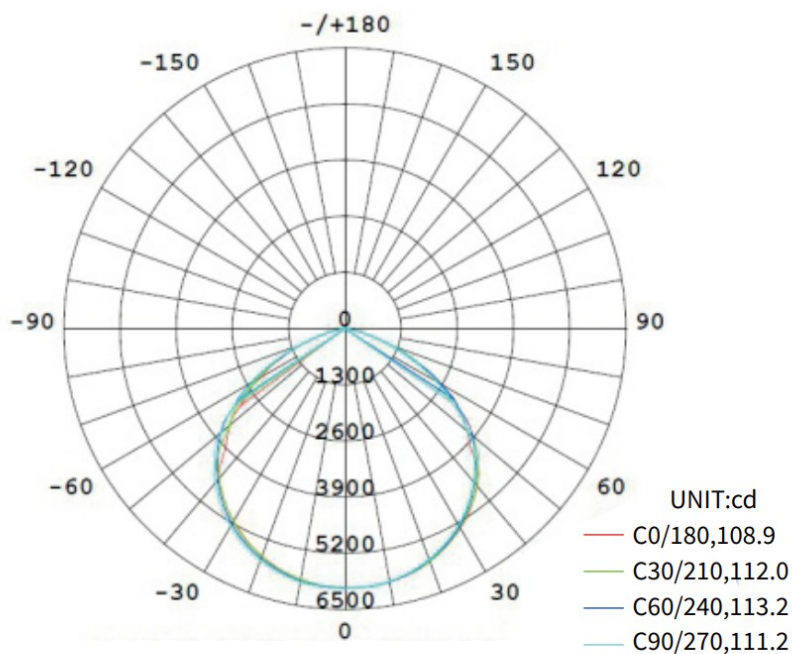
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Packing Information		
Model	JLS-G6HB-H-M1	JLS-G6HB-H-M2
Net Weight	6.8kg	9.7kg
Gross Weight	7.7kg	11kg
Quantity/Carton	1 pc	1 pc
Package Dimensions (LxWxH)	420x420x180mm	535x535x185mm

Photometric

110 Degrees



AVERAGE BEAM ANGLE (50%):111.3 DEG

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