



## TAA SENSOR READY HIGH BAY

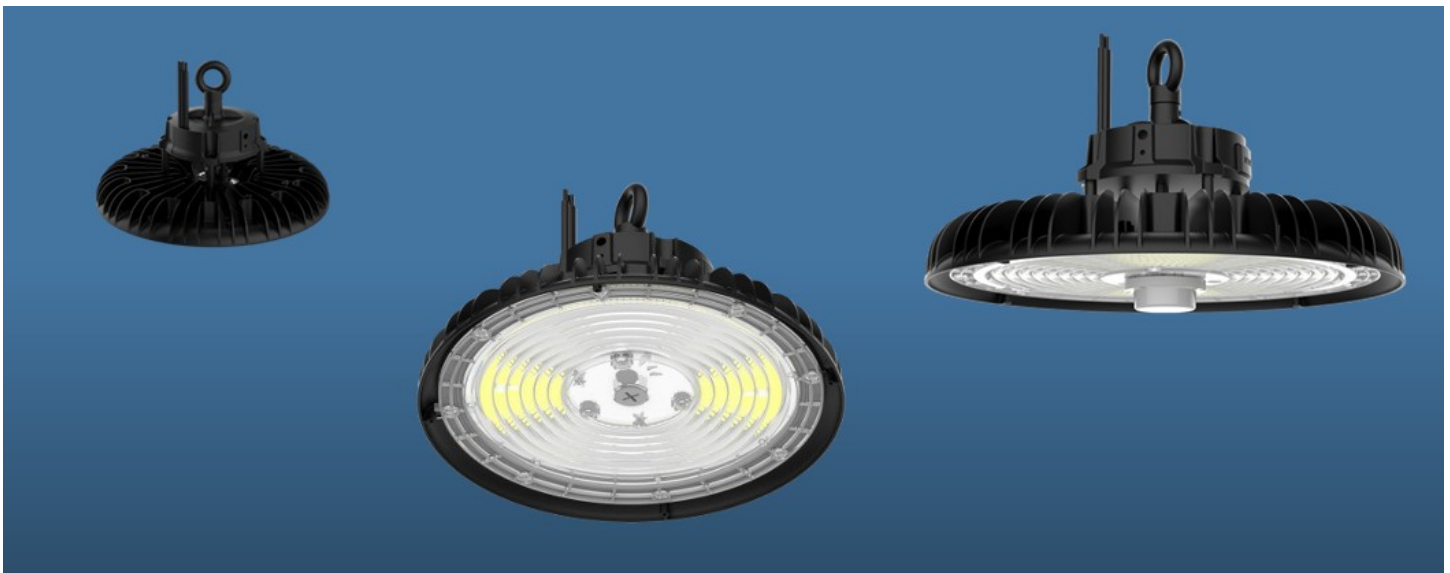
### DESCRIPTION

Jaykal's next-generation LED High Bay is a high-performance indoor luminaire engineered for industrial, commercial, and warehouse applications requiring flexibility, efficiency, and intelligent control integration. The fixture incorporates field-selectable wattage and correlated color temperature (CCT), enabling on-site customization to meet evolving project requirements without changing SKUs.

Designed with a sensor-ready architecture, the luminaire supports both basic occupancy/daylight controls and advanced Bluetooth-enabled wireless systems, providing scalability from simple energy savings to networked lighting control strategies.

### FEATURES

- Wattage Selectable: From 60W to 500W
- CCT Selectable: 3000K/4000K/5000K
- 0-10V Dimming Standard
- Sensor Ready
- IP65 Rated
- 5 Year Warranty, 10 Year Option
- Emergency Back Up Optional



ETL CLASSIFIED



Revised 3/20/2026

*Specifications are typical values and may change without notification*



## SPECIFICATIONS

JLS-G4HB-P						
INPUT VOLTAGE	AC100-277V (100-240W)/ AC120-277V (300W/500W), AC120-347V (100-300W), AC277-480V (100-300W)/ AC200-480V (500W)					
TYPE	M1	M2	M3	M4	M5	M6
WATTAGE	60W/80W/100W	80W/100W/150W	120W/150W/200W	150W/200W/240W	200W/240W/300W	300W/400W/500W
EFFICACY	160lm/W					
LUMENS@4000K	9,600/12,800/16,000	12,800/16,000/24,000	19,200/24,000/32,000	24,000/32,000/38,400	32,000/38,400/48,000	48,000/64,000/80,000
POWER FACTOR	>0.95@120VAC					
PROTECTION	Integral short circuit, open circuit, and overload protection					
THD	≤20%					
ELECTRICAL SHOCK PROTECTION	IEC CLASS I					
L70 HOURS	>50,000 Hours@95°F					
CRI	70/80					
CCT PRESETS	3000K/4000K/5000K					
DIMMING	0-10V Dimming, PWM					
DIMMING POWER RATING	<5mA					
SURGE PROTECTION	Standard 6KV LED driver will survive 250 repetitive strikes of "C Low" (C Low: 6kV/1.2 x 50 μs, 10kA/8 x 20 μs) waveforms at 1-minute intervals with less than 10% degradation in clamping voltage. "C Low" waveforms are as defined in IEEE/ASNI C62.41.2-2002, Scenario 1 Location Category C.					
OPERATING TEMP.	-40°F - +122°F					
IP RATING	IP65					
ENVIRONMENT	Wet Location					
IK RATING	IK08					
HOUSING	Die-cast Aluminum					
LENS	Polycarbonate					
BEAM ANGLE	60°/ 90°/120°					
GLARE VALUE (UGR)	<28					
WARRANTY	5 Year Standard Warranty, 10 Year Optional					
CERTIFICATIONS	UL, 5.1 Premium					
FCC COMPLIANCE	FCC 47 CFR Part 15 Compliance					

## ORDERING GUIDE

EXAMPLE: JLS-G4HB-P-M2-277-7MCCT-90[TAA]

MODEL	WATTAGE	VOLTAGE	CCT	BEAM ANGLE	COO
JLS-G4HB-P	M1 = 60W/80W/100W	277 = 120-277VAC 480V = 277-480VAC	7MCCT = 3000K/4000K/5000K	90 = 90 Degree (Standard) C = Custom Degree	[TAA] = Made in Laos
	M2 = 80W/120W/150W				
	M3 = 120W/150W/200W				
	M4 = 150W/200W/240W				
	M5 = 200W/240W/300W				
	M6 = 300W/400W/500W				

*Specifications are typical values and may change without notification*



**Accessories (SOLD SEPARATELY)**

**Mounting Accessories**

±90° Adjustable Bracket	JLS-G4HB-P-AB
Safety Rope $\phi$ 1.5mm Length=0.8m	JLS-G4HB-P-SR
Sling Chain $\phi$ 5mm Length=1m	JLS-G4HB-P-SC
Wire guards	JLS-G4HB-P-WG
PC Reflector	JLS-G4HB-P-PCR
Aluminum Reflector	JLS-G4HB-P-ALR
M10 Adapter	JLS-G4HB-P-M10A

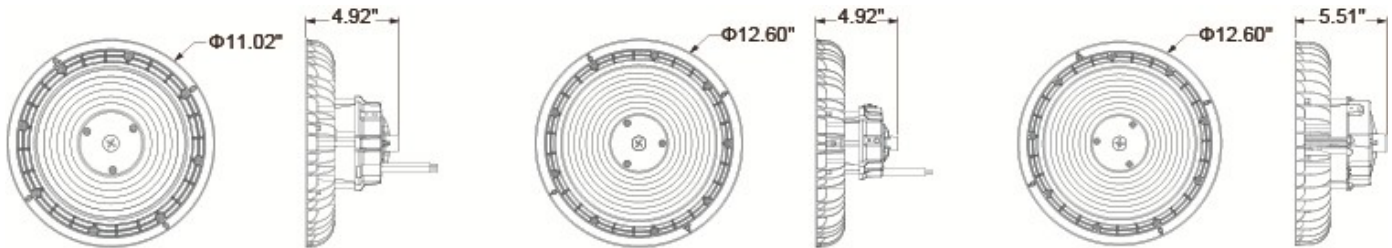
**EM Backups**

30W Emergency Backup (for 100W/150W 277V type)	JLS-UFO-30W
40W Emergency Backup (for 200W/240W 277V type)	JLS-UFO-40W

**Compatible Sensors**

BRAND	MODEL	PRODUCT TYPE
LUMALINX	JLS-ESS-EFS06R-AUX.A4	BASIC
LUMALINX	JLS-ESS-RM51	REMOTE PROGRAMMER
LUMALINX	JLS-LLE-EFS106-AUX-W.B2	NETWORK
LUMALINX	JLS-LLE-WPPA102-AUX-W.B1	NETWORK NODE

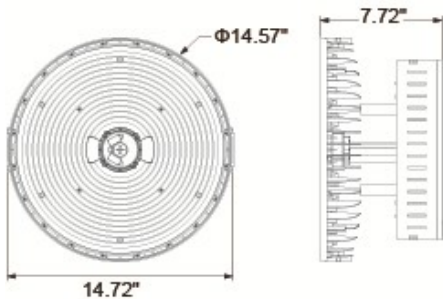
**DIMENSIONS (Unit: inch)**



**M1,M2,M3**

**M4**

**M5**



**M6**

*Specifications are typical values and may change without notification*