

# 200 WATT LED HIGH BAY



**JAYKAL**

PROJECT NAME:

**JAYKAL LED SOLUTIONS, INC.**

[www.jaykal.net](http://www.jaykal.net)

PROJECT NOTES:

26832 Lewes Georgetown Hwy,  
Building 2, Unit E  
Harbeson, DE 19951  
(P) 302-295-0015  
(F) 302-295-0016

## DESCRIPTION:

Our 200 Watt LED High Bay Fixtures are engineered to replace wasteful traditional fixtures while delivering best-in-class lumen output. Jaykal LED High Bay Fixtures consume up to 80% less energy than traditional metal halide, high pressure sodium and mercury vapor fixtures, saving both money and the Environment.

## FEATURES & BENEFITS:

- ◆ Wattage Options: 200 watt
- ◆ CCT 4700K/5000K/5500K,
- ◆ Acrylic Shading,
- ◆ Non-Dimming
- ◆ 5 Year Warranty
- ◆ Near Zero Maintenance



**RoHS**  
Compliant

**FC**

**CE**

5 YEAR STANDARD WARRANTY—EXTENDED WARRANTIES AVAILABLE

(P) 302-295-0015 | (E) [sales@jaykal.net](mailto:sales@jaykal.net) | (W) [www.jaykalusa.com](http://www.jaykalusa.com)

*Specifications are typical values and may change without notification*

**efficiency. illuminated.**

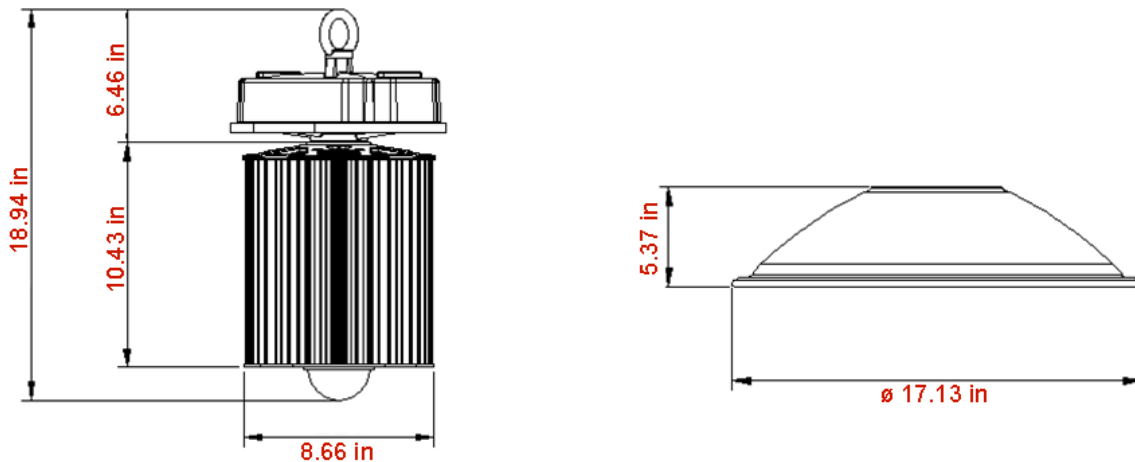
# 200 WATT LED HIGH BAY



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**SPECIFICATIONS TABLE**

Watt	200W	Lumens	23,000 lm	Efficacy	115 lm/w
Input Voltage	100-277VAC 50/60hz	Power Factor	0.98	CRI	> 70
THD	< 10 %	CCT	5000K (standard) 4700K / 5500K		
Life (L70)	50,000 hours	Operational Temperatures	-30°C — 50°C		
Housing Finish	Silver	Environment	Indoor and Damp Locations		
Housing Material	Aluminum Die Cast	Reflector	Acrylic Diffuser (standard) Aluminum Diffuser		
Weight	13.23 lbs. / 6.0 kg	Dimensions	17.13 X 22.26 in / 435 X 565.5 mm		
Protection	IP65	Warranty	5 Years		



## ORDERING GUIDE

MODEL NUMBER	FINISH	CCT	BEAM ANGLE	APPLICATION SUGGESTION	DIMMING (OPTIONAL)
JLS68103-G200-HB	<b>PC</b> = Polycarbonate Diffuser <b>AL</b> = Aluminum Diffuser	<b>47K</b> = 4700K <b>50K</b> = 5000K <b>55K</b> = 5500K	PC: 45°/100° AL: 45°/60°/90°/120°	45°= 15M Height 60°/90°= 12M Height 120°= 10M Height	<b>PC</b> = Photo Cell <b>BLD</b> = Bi-Level Dimming

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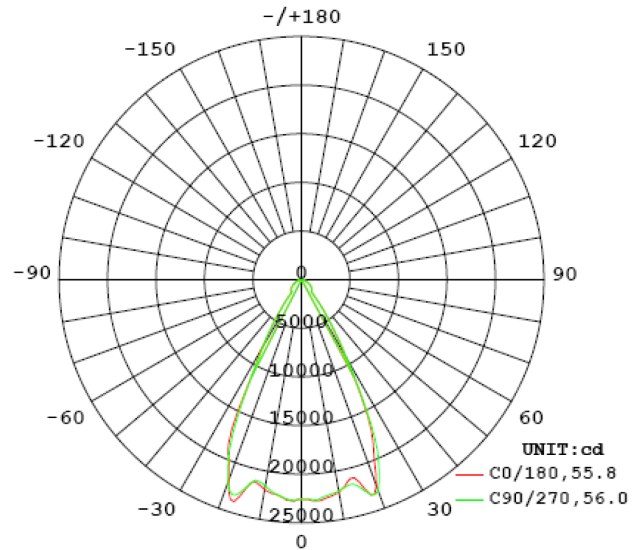
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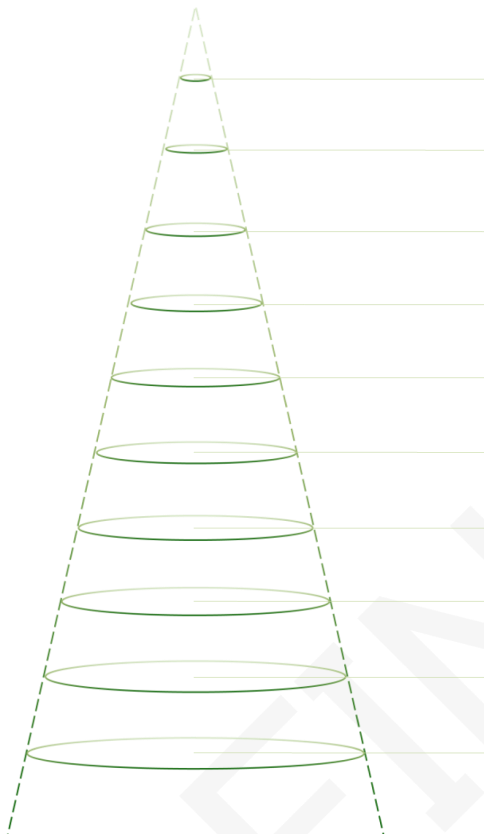
## PHOTOMETRY

### Luminous Intensity Distribution

	Beam Angle (50% I <sub>max</sub> ):	Field Angle (10% I <sub>max</sub> ):
C0/180	55.8	75.5
C45/225	55.8	75.5
C90/270	56.0	75.1
C135/315	55.4	74.8
AVG.	55.8	75.2



Angle: 55.8° . Flux out: 14650.0 lm.



Height (m)	Diameter (cm)	E <sub>avg</sub> (lx)	E <sub>max</sub> (lx)
0.5	52.95	65979.0	91011.0
1.0	105.89	16495.0	22753.0
1.5	158.84	7331.0	10112.0
2.0	211.79	4124.0	5688.0
2.5	264.74	2639.0	3640.0
3.0	317.68	1833.0	2538.0
3.5	370.63	1347.0	1857.0
4.0	423.58	1031.0	1422.0
4.5	476.53	814.6	1124.0
5.0	529.47	659.8	910.1