

# 480 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 480 Watt LED High Bay Fixtures replace wasteful traditional high bays while delivering best-in-class lumen performance. Jaykal LED High Bay Fixtures consume up to 80% less energy than traditional metal halide, high pressure sodium or mercury vapor fixtures, saving both money and the environment.

## FEATURES & BENEFITS:

- ◆ Wattage Options: 480 Watt
- ◆ CCT: 3000K / 4000K / 5000K / 5700K
- ◆ LM-80 Rated LED Chips Provide Uniform Color Consistency
- ◆ IP65, Outdoor and Wet Locations
- ◆ Illumination Angle: 25° / 45° / 60° / 90°
- ◆ Finish: Black / Custom
- ◆ 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.**

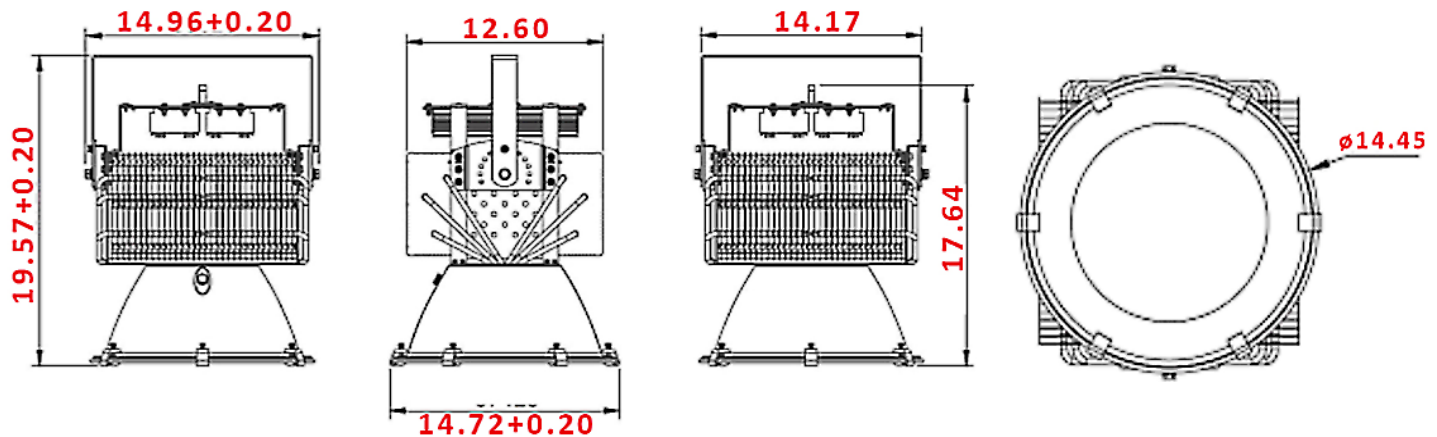
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**SPECIFICATIONS TABLE**

Watt	480 W	Lumens	46,874 lm	Efficacy	98 lm/W
Input Voltage	90-305VAC 50/60hz	Power Factor	0.99	CRI	> 75
THD	< 15 %	CCT	3000K / 4000K / 5000K / 5700K		
Life (L70)	50,000 hours	Illumination Angle	60°	Operational Temperatures	-30°C — 55°C
Housing Finish	Black	Lens Finish	Clear	Protection	IP65
Housing Material	Aluminum	Lens Material	Glass	Environment	Wet and Dry Locations
Weight	37.04 lbs. / 16.8 kg	Dimensions	14.17 X 12.60 X 19.57 in / 360 X 320 X 497 mm		
UL File No	E360683	Warranty	5 Year Standard		



## ORDERING GUIDE

MODEL NUMBER	- CCT	- SENSORS
JLS68103-G480-HBHM	<b>30K</b> = 3000K <b>40K</b> = 4000K <b>50K</b> = 5000K <b>57K</b> = 5700K	<b>OBD</b> = Occupancy Bi-Level Dimming

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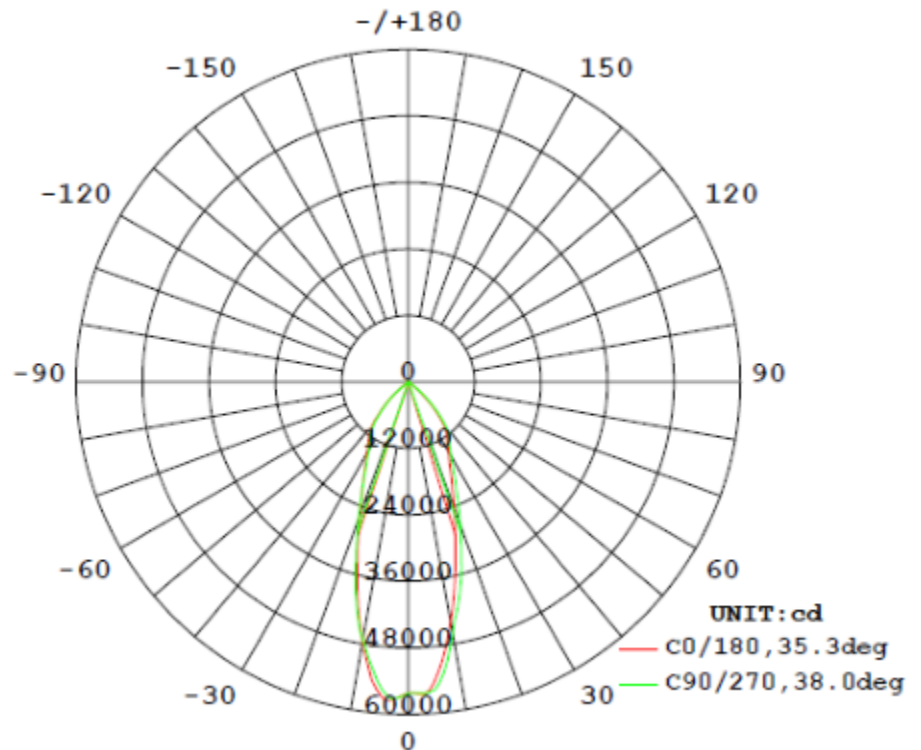
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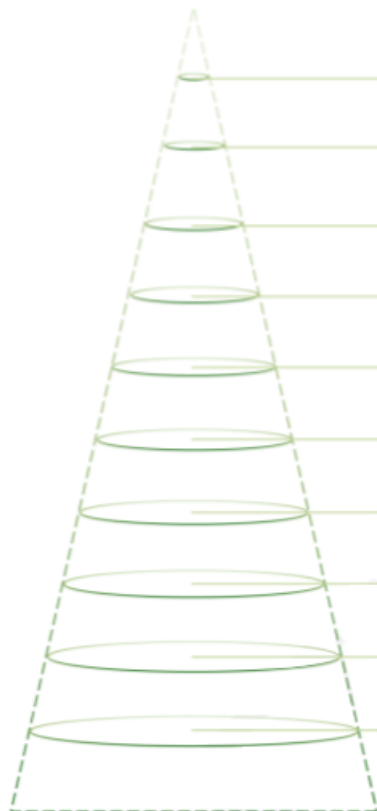
## PHOTOMETRY

### Luminous Intensity Distribution

	Beam Angle (50% I <sub>max</sub> ):	Field Angle (10% I <sub>max</sub> ):
C0/180	35.3	90.6
C45/225	36.5	91.0
C90/270	38.0	91.5
C135/315	37.9	92.0
AVG.	36.93	91.28



Angle: 36.90° . Flux out: 13878.0 lm.



Height (m)	Diameter (cm)	E <sub>avg</sub> (lx)	E <sub>max</sub> (lx)
0.5	33.4	149039.0	242194.0
1.0	66.7	37260.0	60549.0
1.5	100.1	16560.0	26910.0
2.0	133.5	9315.0	15137.0
2.5	166.8	5962.0	9688.0
3.0	200.2	4140.0	6728.0
3.5	233.5	3042.0	4943.0
4.0	266.9	2329.0	3784.0
4.5	300.3	1840.0	2990.0
5.0	333.6	1490.0	2422.0