

300 WATT LED HIGH BAY



JAYKAL

PROJECT NAME:

JAYKAL LED SOLUTIONS, INC.

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 300 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: 300 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 | (W) www.jaykalusa.com

Specifications are typical values and may change without notification

efficiency. illuminated.

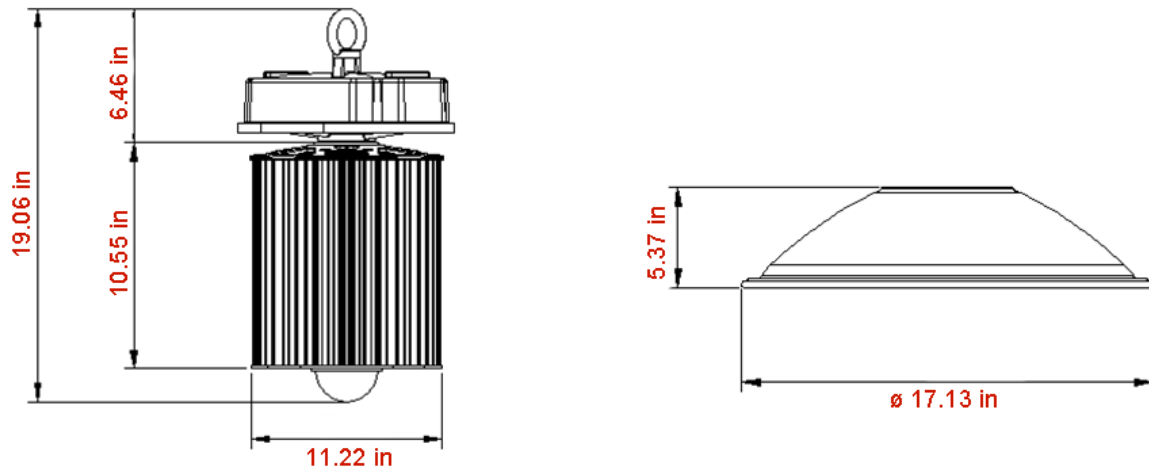
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SPECIFICATIONS TABLE

Watt	300W	Lumens	32,700 lm	Efficacy	109 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 Aluminum Diffuser		
Weight	16.76lbs. / 7.6 kg	Dimensions	17.13 X 22.38 in / 435X 568.5 mm		



ORDERING GUIDE

MODEL NUMBER	FINISH	CCT	BEAM ANGLE	APPLICATION SUGGESTION	DIMMING (OPTIONAL)
JLS68103-G300-HB	PC = Polycarbonate Diffuser AL = Aluminum Diffuser	47K = 4700K 50K = 5000K 55K = 5500K	PC: 45°/100° AL: 45° / 60° / 90° / 120°	45° = 18M height 60° / 90° = 15M height 120° = 12M height	PC = Photo Cell BLD = Bi-Level Dimming

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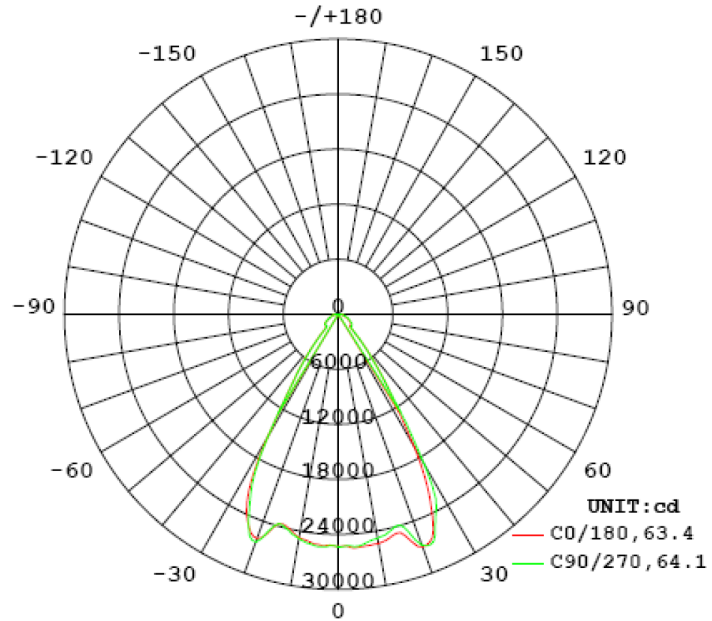
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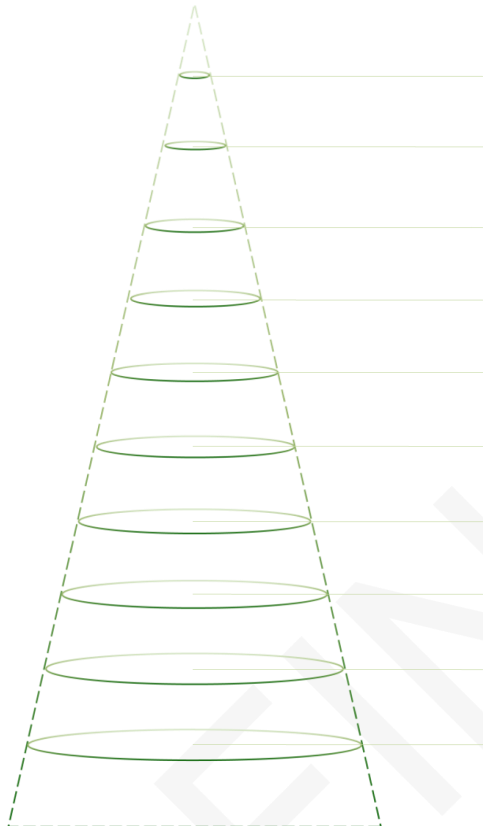
PHOTOMETRY

Luminous Intensity Distribution

	Beam Angle (50% I _{max}):	Field Angle (10% I _{max}):
C0/180	63.4	84.1
C45/225	63.8	83.6
C90/270	64.1	83.7
C135/315	63.5	84.2
AVG.	63.7	83.9



Angle: 63.70° . Flux out: 21651 lm.



Height (m)	Diameter (cm)	E _{avg} (lx)	E _{max} (lx)
0.5	62.12	70599.0	101743.0
1.0	124.25	17650.0	25436.0
1.5	186.37	7844.0	11305.0
2.0	248.49	4412.0	6359.0
2.5	310.62	2824.0	4070.0
3.0	372.74	1961.0	2826.0
3.5	431.86	1441.0	2076.0
4.0	496.99	1103.0	1590.0
4.5	559.11	871.6	1256.0
5.0	621.24	706.0	1017.0