

100 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 100 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: 100 watt
- ◆ CCT 4700K/5000K/5500K,
- ◆ Choice of Aluminum or Acrylic Hood
- ◆ 5 Year Warranty
- ◆ Near Zero Maintenance



RoHS
Compliant

FCC

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.

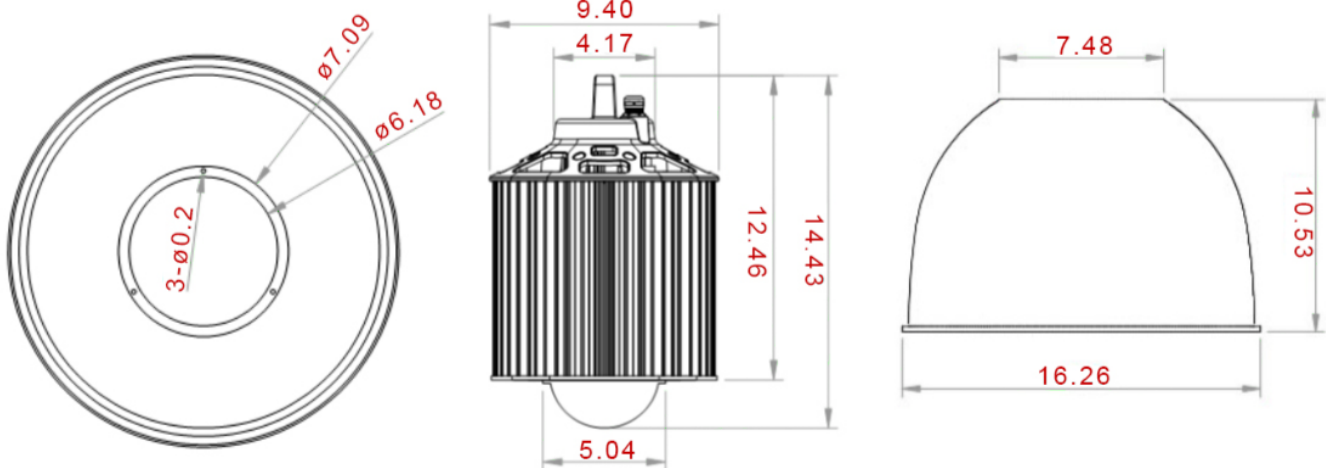
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SPECIFICATIONS TABLE

Watt	100W	Lumens	10,000 lm	Efficacy	100 lm/w
Input Voltage	100-277VAC 50/60hz	Power Factor	0.99	CRI	> 70
THD	< 10 %	CCT	5000K (standard) 4700K / 5500K		
Life (L70)	50,000 hours	Certifications	DLC/CE/FCC/RoHS/UL	Operational Temperatures	-30°C — 55°C
Housing Finish	Silver	Environment	Indoor and Damp Locations		
Housing Material	Aluminum Die Cast	Reflector	Acrylic Hood (standard) Aluminum Hood		
Weight	12.35 lbs. / 5.6 kg	Dimensions	16.26 X 22.99 in / 413X 584 mm		
Protection	IP65	Warranty	5 Years		



ORDERING GUIDE

MODEL NUMBER	FINISH	CCT	BEAM ANGLE	APPLICATION SUGGESTION	DIMMING (OPTIONAL)
JLS68103-G100-HB	PC = Polycarbonate Diffuser AL = Aluminum Diffuser	47K = 4700K 50K = 5000K 55K = 5500K	PC: 45°/100° AL: 45°/60°/90°/120°	45° = 8M Height 60°/90° = 6M Height 120° = 4-5M Height	PC = Photo Cell BLD = Bi-Level Dimming

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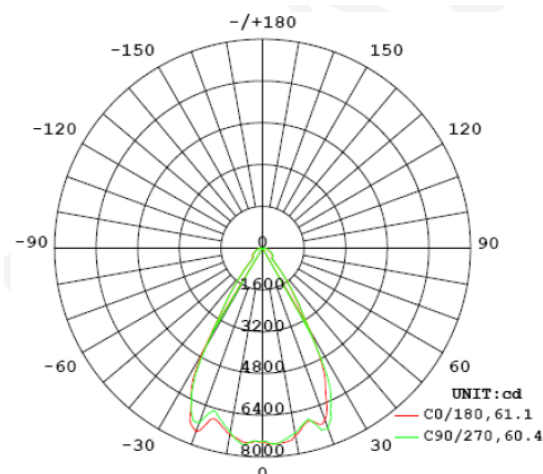
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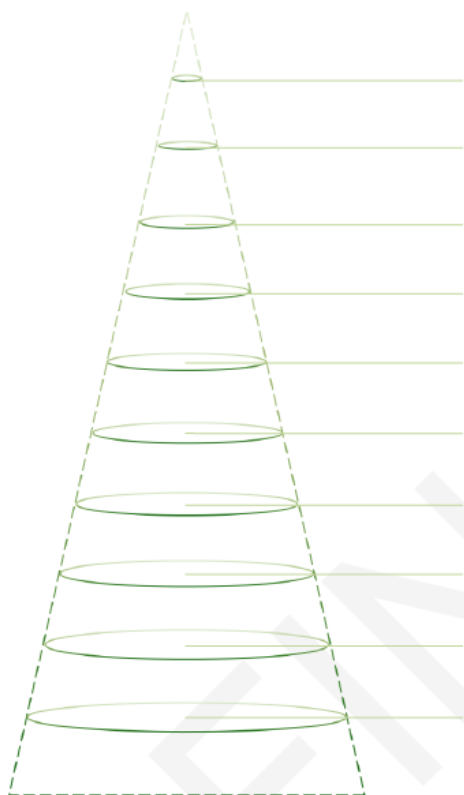
PHOTOMETRY

Luminous Intensity Distribution

	Beam Angle (50% I _{max}):	Field Angle (10% I _{max}):
C0/180	61.1	82.1
C45/225	60.1	82.6
C90/270	60.4	81.6
C135/315	60.7	81.6
AVG.	60.7	82.1



Angle: 60.70°. Flux out: 5685lm.



Height (m)	Diameter (cm)	E _{avg} (lx)	E _{max} (lx)
0.5	58.55	20048.0	30163.0
1.0	117.10	5012.0	7541.0
1.5	175.66	2228.0	3351.0
2.0	234.21	1253.0	1885.0
2.5	292.78	801.9	1207.0
3.0	351.31	556.9	837.9
3.5	409.87	409.1	615.6
4.0	468.42	313.2	471.3
4.5	536.97	247.5	372.4
5.0	585.52	200.5	301.6