

150 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 150 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: 150 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

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Specifications are typical values and may change without notification

efficiency. illuminated.

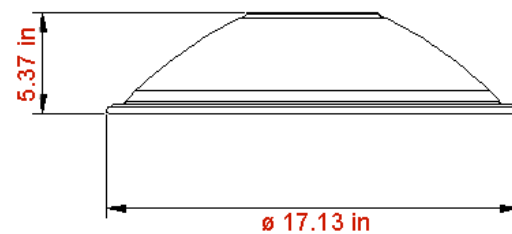
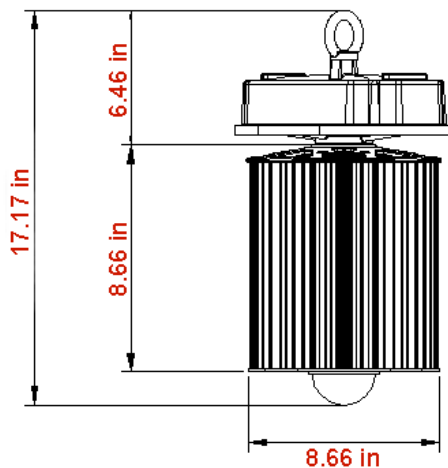
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SPECIFICATIONS TABLE

Watt	150W	Lumens	13,500 lm	Efficacy	90 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	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	17.13 X 20.49 in / 435 X 520.5 mm		
Protection	IP65	Warranty	5 Years		



ORDERING GUIDE

MODEL NUMBER	-	FINISH	-	CCT	-	BEAM ANGLE	-	APPLICATION SUGGESTION	-	DIMMING (OPTIONAL)
JLS68103-G150-HB		PC = Polycarbonate Diffuser AL = Aluminum Diffuser		47K = 4700K 50K = 5000K 55k = 5500K		PC: 45°/100° AL: 45°/60°/90°/120°		45°= 10M Height 60°/90°= 8M Height 120°= 6M Height		PC = Photo Cell BLD = Bi-Level Dimming

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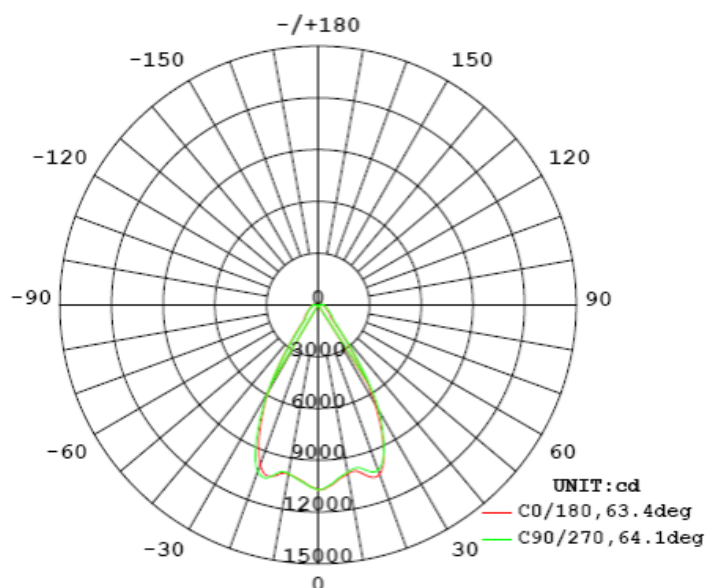
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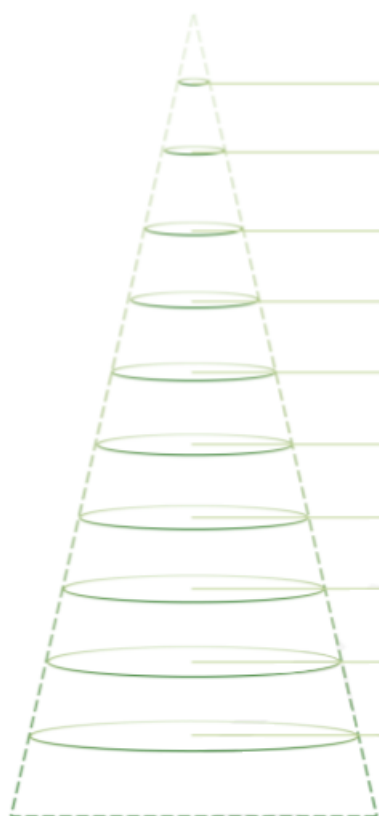
PHOTOMETRY

Luminous Intensity Distribution

	Beam Angle (50% I _{max}):	Field Angle (10% I _{max}):
C0/180	63.4	92.0
C45/225	63.7	90.1
C90/270	64.1	93.6
C135/315	64.0	96.5
AVG.	63.80	93.05



Angle: 63.80° . Flux out: 8419.0 lm.



Height (m)	Diameter (cm)	E _{avg} (lx)	E _{max} (lx)
0.5	62.2	27455.0	42865.0
1.0	124.5	6864.0	10716.0
1.5	186.7	3051.0	4763.0
2.0	249.0	1716.0	2679.0
2.5	311.2	1098.0	1715.0
3.0	373.5	762.6	1191.0
3.5	435.7	560.3	874.8
4.0	498.0	429.0	669.8
4.5	560.2	338.9	529.2
5.0	622.4	274.5	428.6