

80 WATT COBRA HEAD



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:

This classically styled commercial cobra head was designed to seamlessly compliment a new or existing building while delivering the dramatic energy savings of LED. Designed with an internal driver, this type of outdoor area lighting is an ideal replacement for existing metal halide and high pressure sodium fixtures.

FEATURES & BENEFITS:

- ◆ Wattage Options: 80W
- ◆ CCT Options: 3000K, 3500K, 4000K, 5000K & 5700K
- ◆ Replaces up to 350W HID
- ◆ Limited 5 Year Warranty
- ◆ Finish: Brown Standard, Custom Colors Available
- ◆ Compatible with Photo Cell / Bi-level Dimming
- ◆ Near Zero Maintenance



5 YEAR STANDARD WARRANTY—EXTENDED WARRANTIES AVAILABLE

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Specifications are typical values and may change without notification

efficiency. illuminated.

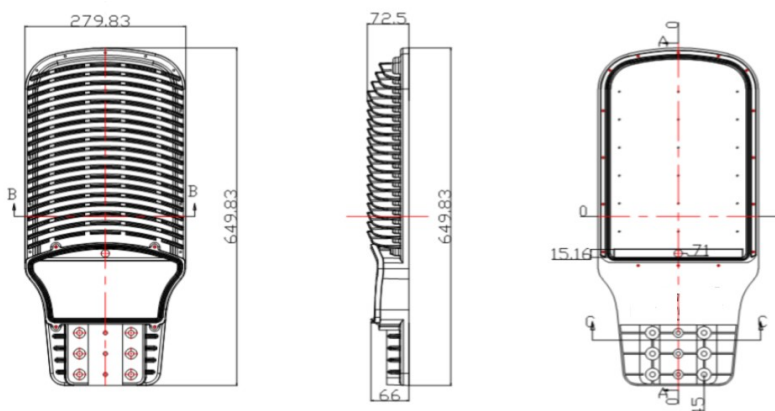
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SPECIFICATIONS TABLE

Watt	80W	Lumens	8,000 lm	Efficacy	100 lm/W
Input Voltage	100-277VAC 50/60hz	Power Factor	0.99	CRI	71.8
THD	< 10 %	CCT	3000K / 4000K / 3500K / 5000K / 5700K		
Life (L70)	50,000+ hours	Illumination Angle	Type 3 / Type 5	Operational Temperatures	-30°C — 50°C
Housing Finish	Brown	Lens Finish	Clear/Frosted	Protection	IP68
Housing Material	Aluminum Die Cast	Lens Material	Glass	Environment	Outdoor and Wet Locations
Weight	10 kg	Dimensions	650 x 260 x 82.8 mm		
DLC Qualified on	06/04/2014	DLC Category	Outdoor Pole/ Arm-mounted Area and Roadway Luminaires		
UL File No	E360683	Warranty	5 Years		



ORDERING GUIDE

MODEL NUMBER	-	FINISH	-	CCT	-	IES	-	DIMMING (OPTIONAL)
JLS-L80		B = Brown		30K = 3000K 35K = 3500K 40K = 4000K 50K = 5000K 57K = 5700K		T3 = TYPE 3 T5 = TYPE 5		PC = Photo Cell BLD = Bi-Level Dimming

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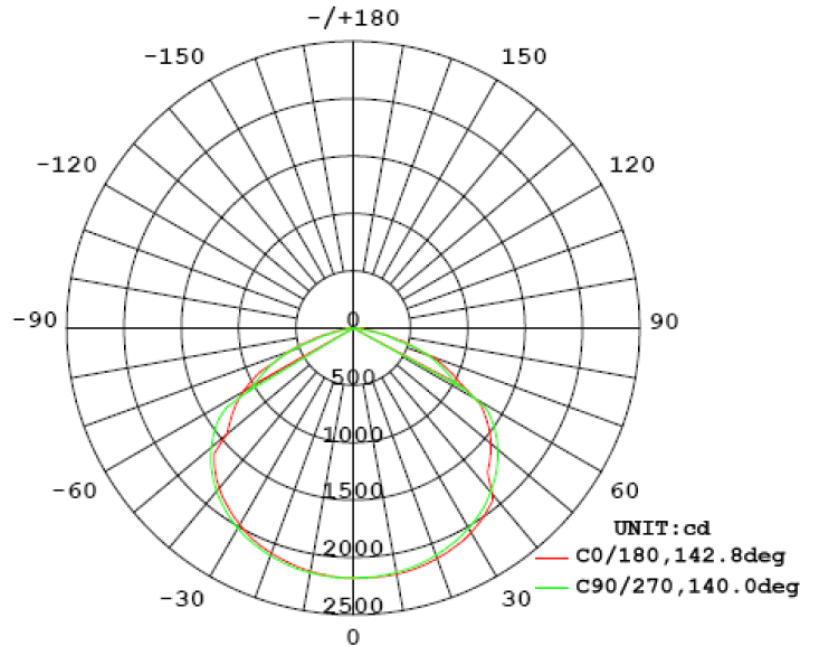


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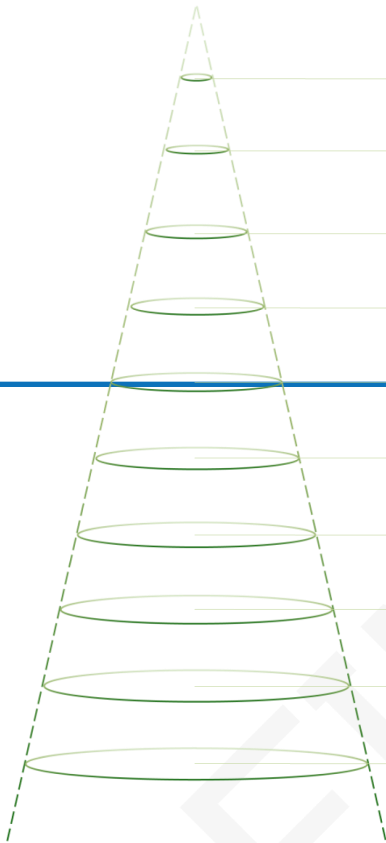
PHOTOMETRY

Luminous Intensity Distribution

	Beam Angle (50% I _{max}):	Field Angle (10% I _{max}):
C0/180	142.8	182.9
C45/225	145.2	181.7
C90/270	140.0	180.7
C135/315	145.1	181.7
AVG.	143.3	181.8



Angle: 122.80° . Flux out: 6778.0 lm.



Height (m)	Diameter (cm)	E _{avg} (lx)	E _{max} (lx)
0.5	213.9	2440.2	10166.8
1.0	427.9	609.9	2541.7
1.5	641.8	271.1	1129.6
2.0	855.8	152.5	635.5
2.5	1069.8	97.6	406.6
3.0	1283.7	67.8	282.4
3.5	1497.6	49.8	207.5
4.0	1711.5	38.1	158.9
4.5	1925.5	30.1	125.5
5.0	2139.4	24.4	101.7

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