

# 200 WATT COBRA HEAD



**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:

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: 200 Watt
- ◆ CCT Options: 3000K/3500K/4000K/5000K/5700K
- ◆ Replaces up to 1200W HID
- ◆ Limited 5 Year Warranty
- ◆ Finish: Brown Standard, Custom Available
- ◆ Compatible with Photo Cell / Bi-level Dimming
- ◆ Near Zero Maintenance



5 YEAR STANDARD WARRANTY—EXTENDED WARRANTIES AVAILABLE

(P) 302-295-0015 | (E) [sales@jaykal.net](mailto:sales@jaykal.net) | (W) [www.jaykal.net](http://www.jaykal.net)

*Specifications are typical values and may change without notification*

**efficiency. illuminated.**

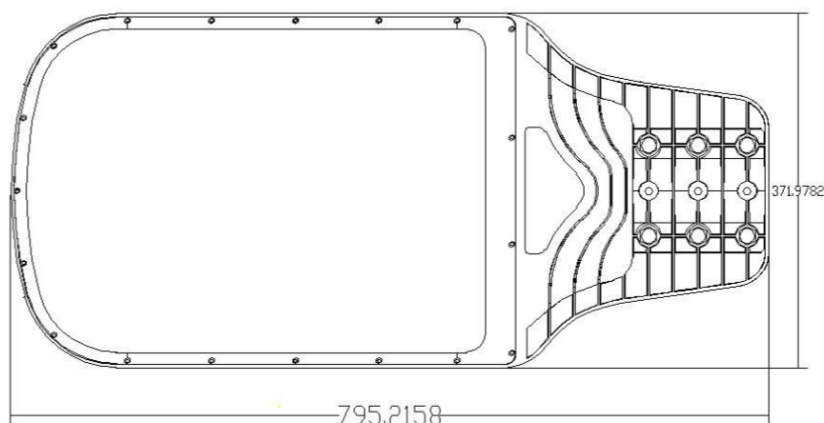
# 200 WATT COBRA HEAD



**JAYKAL**

## SPECIFICATIONS TABLE

Watt	185 W	Lumens	18,500 lm	Efficacy	100lm/W
Input Voltage	100-277VAC 50/60hz	Power Factor	0.99	CRI	71.9
THD	< 10%	CCT	3000K / 3500K / 4000K / 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	13 kg	Dimensions	795 x 372 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-L200		<b>B</b> = Brown		<b>30K</b> = 3000K <b>35K</b> = 3500K <b>40K</b> = 4000K <b>50K</b> = 5000K <b>57K</b> = 5700K		<b>T3</b> = TYPE 3 <b>T5</b> = TYPE 5		<b>PC</b> = Photo Cell <b>BLD</b> = Bi-Level Dimming

(P) 302-295-0015 | (E) sales@jaykal.net | (W) www.jaykal.net

Specifications are typical values and may change without notification

efficiency. illuminated.

# 200 WATT COBRA HEAD

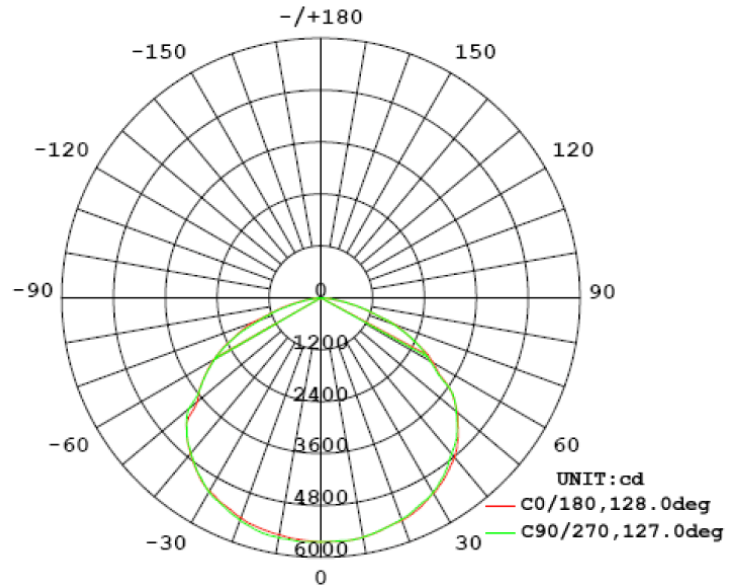


JAYKAL

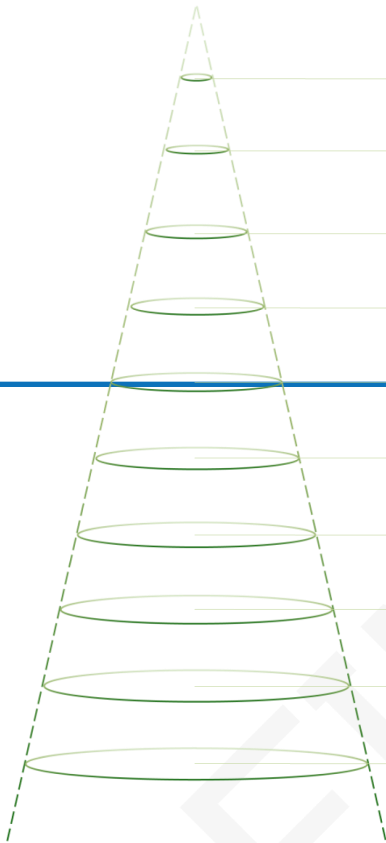
## PHOTOMETRY

### Luminous Intensity Distribution

	Beam Angle (50% I <sub>max</sub> ):	Field Angle (10% I <sub>max</sub> ):
C0/180	128.0	165.6
C45/225	128.4	164.6
C90/270	127.0	164.9
C135/315	127.8	164.5
AVG.	127.8	164.9



Angle: 122.0° . Flux out: 15206.0 lm.



Height (m)	Diameter (cm)	E <sub>avg</sub> (lx)	E <sub>max</sub> (lx)
0.5	189.0	5948.7	23656.4
1.0	378.0	1486.6	5914.1
1.5	567.0	661	2628.6
2.0	756.0	371.8	1478.3
2.5	945.0	237.9	946.3
3.0	1134.0	165.2	657.1
3.5	1322.0	121.4	482.8
4.0	1512.0	92.9	369.6
4.5	1701.0	73.4	292.1
5.0	1890.0	59.5	236.6

(P) 302-295-0015 | (E) sales@jaykal.net | (W) www.jaykal.net

Specifications are typical values and may change without notification

efficiency. illuminated.