

CBR Series Specifications

LED Cobra Head Street Light Luminaire



Jarvis CBR Series

Housing design thermally isolates LEDs and power supply

High efficiency power supply maximizes both energy savings and light output

Individual light sources are combined with individual optics for greater uniformity and lower glare

Competitors' Products

LEDs and driver not thermally isolated

Suboptimal power supply unable to maximize light output with minimal waste

Optics control multiple light sources



Most Popular Models and Specifications:

Catalog #	Description	DLC Model #	Input	Power	Lumens	CCT	CRI	PF
CBR-15L-50K-UV-GRY	Grey LED cobra head street light	WSD-ST10W27-50K-S	100-277V 50/60Hz	100W	15,000 lm	5000K	≥ 70	≥ 0.9
CBR-22L-50K-UV-GRY	Grey LED cobra head street light	WSD-ST15W27-50K-S	100-277V 50/60Hz	150W	22,500 lm	5000K	≥ 70	≥ 0.9





Electrical

Input Voltage: 100-277V 50/60Hz

Power Factor: > 0.9 at full load.

Total Harmonic Distortion: <20% full load

Includes over voltage protection, over current protection, and short circuit protection.

Operating Temperature Range: -30°C to 45° C Ambient (-30°F to 113°F)

Controls and Dimming

CBR series is compatible with many controls including motion sensors and photosensors, including an available built-in twist lock photocontroller.

Contact Jarvis Representative for further information.

0-10V Dimming is not available for this series.

Construction and Materials

Die-cast aluminum housing cast from 383 (ADC12) alloy.

Default color is silver. Custom colors are available. Contact factory for additional color information.

Features Lumileds LEDs with a high luminous efficiency and long lifetime.

Lens construction is a polycarbonate optical lens designed for even light distribution.

Luminaire's construction contains zero glass or mercury.

Fasteners are stainless-steel and will not rust or create rust-streaks.

Input connection cable length is 2'.

Regulatory and Voluntary Qualifications

UL listed to UL1598 and UL8750 for both US and Canada

State of California Title 24 Compliant when installed in accordance with local requirements

DesignLights Consortium® (DLC) Premium qualified product. Not all versions of this product may be DLC qualified. Please check the DLC Qualified Products List at www.designlights.org/QPL to confirm which versions are qualified.

Rated for Wet Locations.

Warranty and Lifetime

CBR Series carries a 10-year warranty. Contact Jarvis representative for details.

Projected LED lifetime exceeds 50,000 hours under most operating conditions. Lifetime projections are calculated using data including LM-79, LM-80 and TM-21 calculations.

Contact Jarvis representative for details.

Installation

The CBR series luminaire installs directly onto the lamp post. Designed to fit onto poles with a mounting end outer diameter of between 2.4"-3". Once the fixture is secured onto the lamp post, the angle of the lamp can be adjusted according to the specific requirements of the installation. +5 for the fixture head to be at an upward angle, 0 for no angle, and -5 for the fixture head to be at a downward angle.

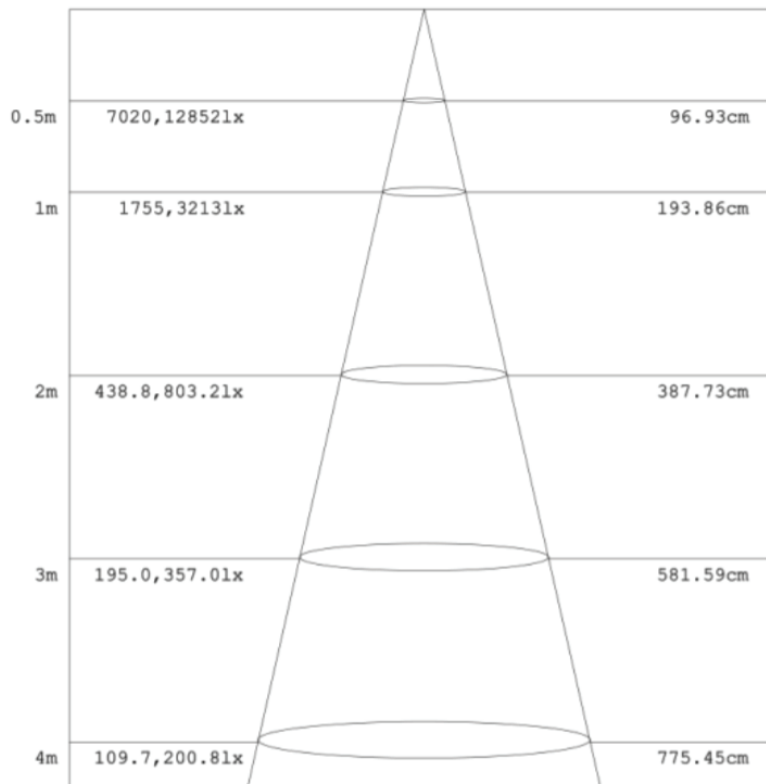
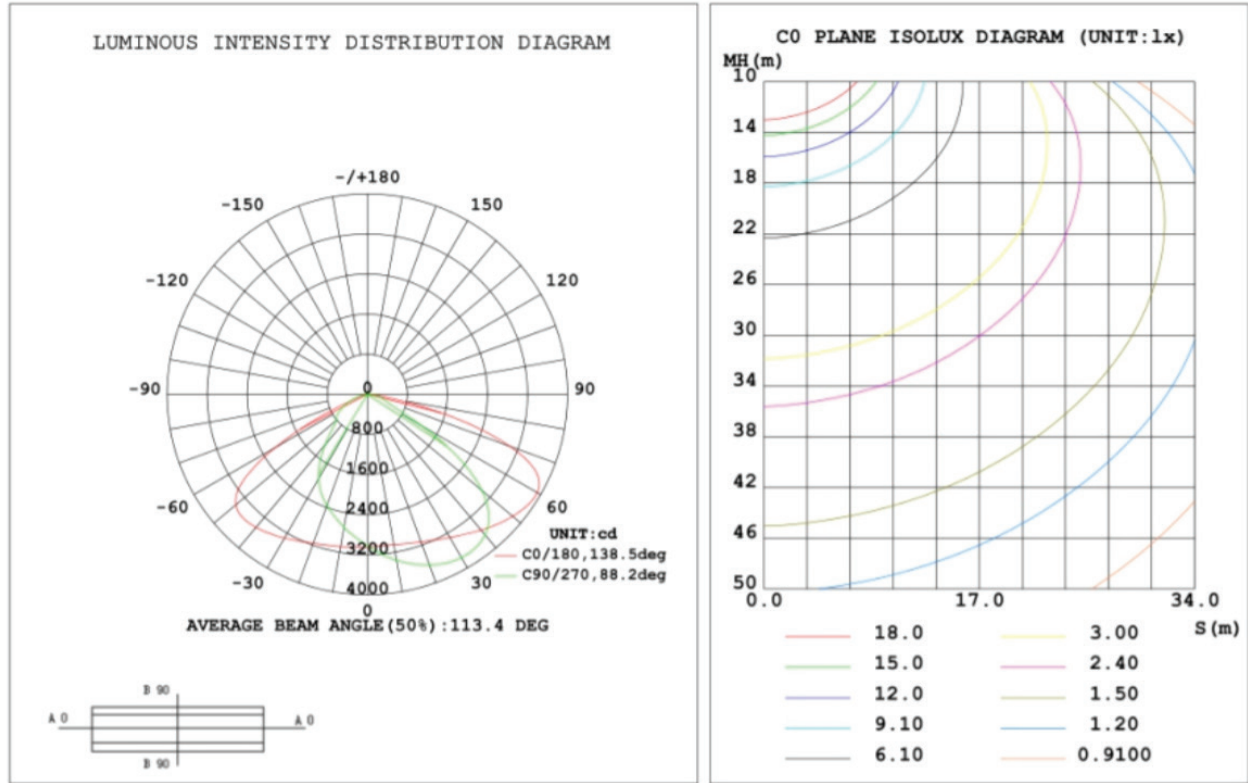
Contact a Jarvis Representative for full installation instructions, videos or additional information.



Photometrics

Photometric information, including LM-79 reports and .IES files are available for most models at www.jarvislighting.com. Site photometrics and lighting layouts are available. Contact a Jarvis representative.

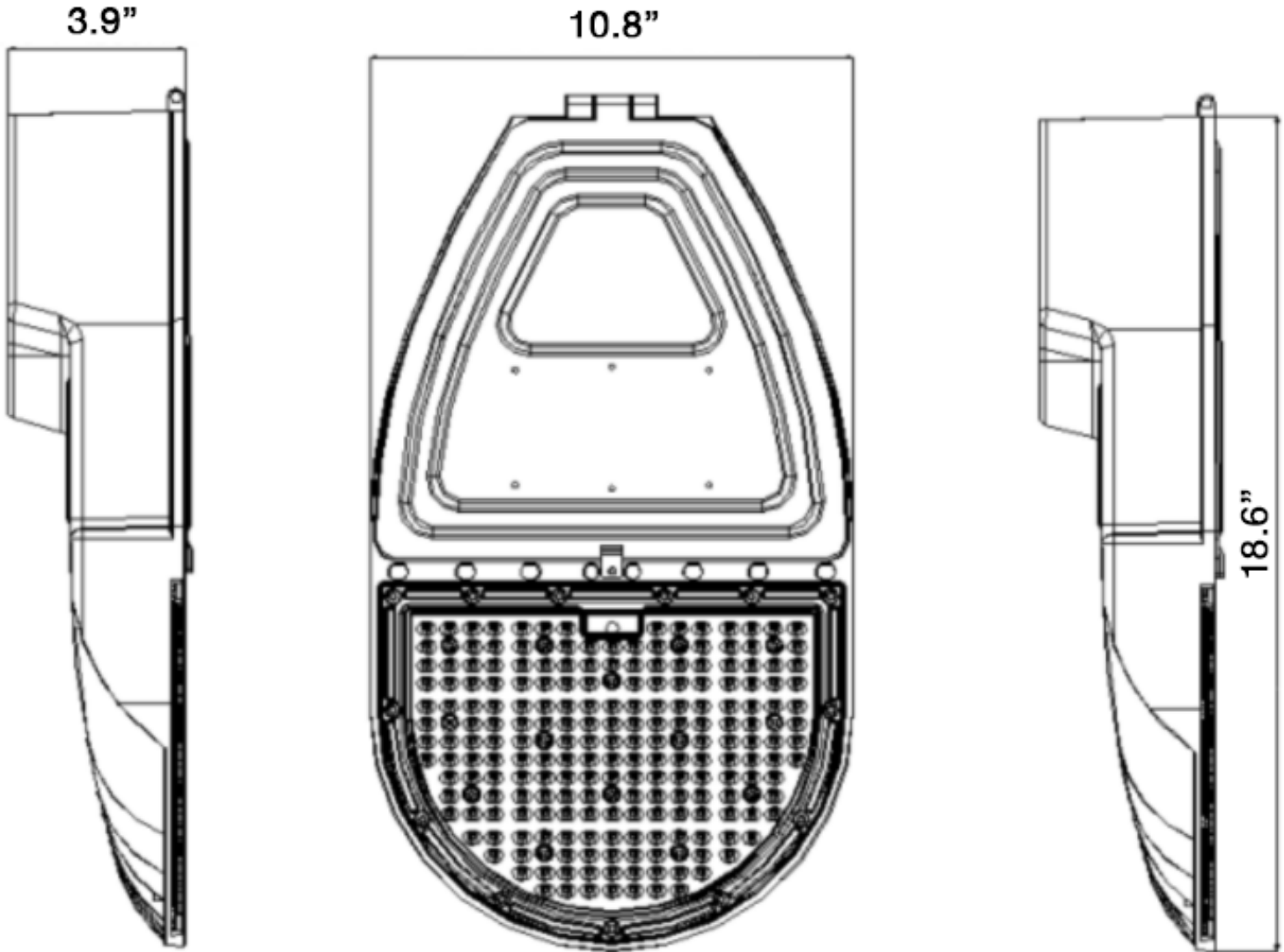
Photometry



Product Weight:

Part Number	Weight
CBR-15L	9.9lbs
CBR-22L	9.9lbs

Dimensions:



BRIGHT DONE RIGHT™

