CLED2X13BBW/PCS2

RAB LIGHTING

Project:	Type:
Prepared By:	**Date:**

26 Watts of energy efficient ceiling mounted LED lighting. 100,000-hour LED lifespan. 5 year warranty. Flush mount fixture bracket. LED Light Engine included.

Color: White   Weight: 6.6 lbs

Driver Info

Type:	Constant Current
120V:	N/A
208V:	0.6A
240V:	0.6A
277V:	0.3A
Input Watts:	30W
Efficiency:	86%

LED Info

Watts:	26W
Color Temp:	5000K
Color Accuracy:	69 CRI
L70 Lifespan:	100000
Lumens:	2,069
Efficacy:	68 LPW

Technical Specifications

Other

CLED2X13 with Back Box:

Surface mounting box for CLED2X13.

Country of Origin:

Designed by RAB in New Jersey and assembled in Taiwan.

Trade Agreements Act Compliant:

This product is a product of Taiwan and a "designated country" end product that complies with the Trade Agreements Act.

GSA Schedule:

Suitable in accordance with FAR Subpart 25.4.

Patents:

The design of the CLED is protected by U.S. Pat. D608,040, D615,689 , Canada Patent 821412 and patents pending in China, Taiwan and Mexico.

Warranty:

RAB warrants that our LED products will be free from defects in materials and workmanship for a period of five (5) years from the date of delivery to the end user, including coverage of light output, color stability, driver performance and fixture finish.

California Title 24:

CLED2X13BB/PCS2__complies with 2013 California Title 24 building and electrical codes as a commercial outdoor non-pole-mounted fixture___<___30 Watts.

Equivalency:

The CLED2X13 is Equivalent in delivered lumens to a 42W CFL or 70W Metal Halide Ceiling Fixture.

HID Replacement Range:

The CLED2X13 can be used to replace 70-100W Metal Halide Ceiling Lights based on delivered lumens.

GSA Schedule:

This product is suitable for listing on the GSA Schedule of the US General Services in accordance with FAR Subpart 25.4.

Country of Origin:

Designed by RAB in New Jersey and assembled in the USA by RAB's IBEW Local 3 workers.

Buy American Act Compliant:

This product is a COTS item manufactured in the United States, and is compliant with the Buy American Act.

Recovery Act (ARRA) Compliant:

This product complies with the 52.225-21 "Required Use of American Iron, Steel, and Manufactured Goods-- Buy American Act-- Construction Materials (October 2010).

Trade Agreements Act Compliant:

This product is a COTS item manufactured in the United States, and is compliant with the Trade Agreements Act.

Electrical

Photocell:

277V Swivel Photocell Included. Photocell is compatible with 208V-277V.

Driver:

Multi-chip 13W high output long life LED Driver Constant Current, Class 2 100V - 277V, 50/60 Hz.

Surge Protection:

4kV

Listings

UL Listing:

Suitable for wet locations.

IESNA LM-79 & IESNA LM-80 Testing:

RAB LED luminaires have been tested by an independent laboratory in accordance with IESNA LM-79 and 80, and have received the Department of Energy "Lighting Facts" label.

LED Characteristics

Lifespan:

100,000-hour LED lifespan based on IES LM-80 results and TM-21 calculations.

Color Consistency:

7-step MacAdam Ellipse binning to achieve consistent fixture-to-fixture color.

Color Stability:

LED color temperature is warrantied to shift no more than 200K in CCT over a 5 year period.

Color Uniformity:

RAB's range of CCT (Correlated Color Temperature) follows the guidelines of the American National Standard for Specifications for the Chromaticity of Solid State Lighting (SSL) Products, ANSI C78.377-2011.

Color Temperature (Nominal CCT):

5000K

Color Accuracy:

69 CRI

Construction

Thermal Management:

Cast aluminum Thermal Management system for optimal heat sinking. Designed for cool operation, most efficient output and maximum LED life by minimizing LED junction temperature.

Technical Specifications (continued)

Construction

Housing:

Precision die cast aluminum housing and lens framing.

Finish:

Our environmentally friendly polyester powder coatings are formulated for high-durability and long-lasting color, and contains no VOC or toxic heavy metals.

Green Technology:

Mercury and UV free. RoHS compliant components. Polyester powder coat finish formulated without the use of VOC or toxic heavy metals.

Mounting Accessory:

Surface mounting box

Cold Weather Starting:

The minimum starting temperature is -40°C/-40°F

Maximum Ambient Temperature:

Suitable for use in 40°C (104°F) ambient temperatures

Optical

Lumen Maintenance:

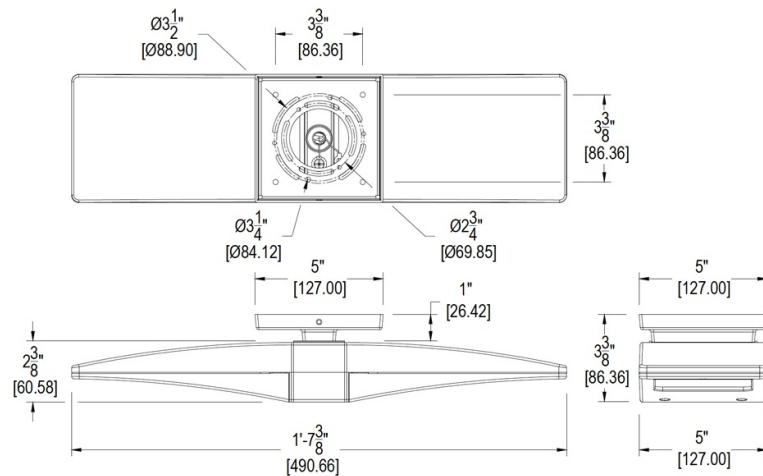The LED will deliver 70% of its initial lumens at 100,000 hours of operation.

Fixture Efficacy:

68 Lumens per Watt

BUG Rating:

B1 U1 G0

Dimensions

Features

Flush mount fixture bracket

Die cast aluminum lens frame with tempered glass and double gasketing

Fully Shielded, Full Cutoff Optics

LED Light Engine life delivers 70% of rated lumens at 100,000 hours

Great for parking garages, canopies, stairwells and entrance ways

LM-70 and LM-80 tested

5-year warranty

Need help? Tech help line: **(888) RAB-1000** Email: **sales@rabweb.com** Website: **www.rabweb.com**

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