# CLED2X10YBB/PCS

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

LED Info Driver Info

**Constant Current** Watts: 20W Type: 3000K (Warm) 120V: Color Temp: 0.21A Color Accuracy: 74 208V: N/A L70 Lifespan: 100000 240V: N/A LM79 Lumens: 810 277V: N/A Efficacy: **31 LPW** Input Watts: 26W Efficiency: 76%

Color: Bronze Weight: 6.6 lbs



# **Technical Specifications**

#### CLED2X10 with Back Box:

Surface mounting box for CLED2X10.

#### CLED2X10 with Photocell:

120V Swivel Photocell Included. Photocell is only compatible with 120V.

## **UL Listing:**

Suitable for wet locations.

#### Lifespan:

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

#### Driver:

Multi-chip 10W high output long life LED Driver Constant Current, Class II, 120V-240V, 50/60/ Hz, 350mA.

## **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.

#### **Lumen Maintenance:**

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

## 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:**

RAB LEDs are Mercury, Arsenic and UV free.

## Patents:

The design of the CLED is protected by U.S. Pat. D615,689, Canada Pat. 133205, China Pat. ZL201030129125.7, Taiwan Pat. D139033 and Mexico Pat. 32130.

## **Mounting Accessory:**

Surface mounting box

## 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.

#### **Color Consistency:**

3-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 C78.377-2008.

## **Cold Weather Starting:**

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

## **Ambient Temperature:**

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



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Note: Specifications are subject to change without notice

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#### California Title 24:

CLED2X10BB/PCS complies with 2013 California Title 24 building and electrical codes as a commercial outdoor non-pole0mounted fixture < 30 Watts.

## 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.

#### Equivalency:

The CLED2X10 is Equivalent in delivered lumens to a 32W CFL Ceiling Fixture.

## **HID Replacement Range:**

The CLED2X10 can be used to replace 32-42W CFL or up to 70W Metal Halide Ceiling Lights based on delivered lumens.

## **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.

## **GSA Schedule:**

Suitable in accordance with FAR Subpart 25.4.

