



## Technical Specifications

### Other

#### CLED2X10 with Back Box:

Surface mounting box for CLED2X10.

#### 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.

#### 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:

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

#### 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.

#### Electrical

##### Photocell:

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

##### Driver:

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

#### 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.

#### LED Characteristics

##### Lifespan:

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

##### Color Consistency:

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

##### Color Stability:

LED color temperature is warranted 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.

#### 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.

##### 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

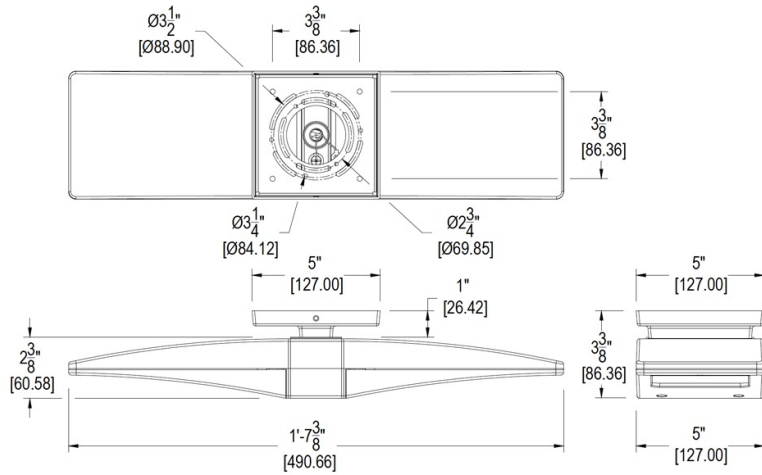
## Technical Specifications (continued)

### Optical

#### Lumen Maintenance:

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

## 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