# **CLED2X10NW**





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.

Color: White Weight: 6.6 lbs

Project:	Туре:
Prepared By:	Date:

Driver Info		LED Info	
Type:	Constant Current	Watts:	20W
120V:	0.2A	Color Temp:	3000K
208V:	0.14A	Color Accuracy:	82 CRI
240V:	0.12A	L70 Lifespan:	100000
277V:	0.1A	Lumens:	2,041
Input Watts:	26W	Efficacy:	80 LPW
Efficiency:	78%		

# **Technical Specifications**

#### 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 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 C78.377-2015.

#### **Electrical**

# Driver:

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

# 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:

Formulated for high-durability and long lasting color.

### 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:**

Minimum starting temperature is -40° F (-40° C)

# **Maximum Ambient Temperature:**

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

# Optical

# **Lumen Maintenance:**

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

#### Other

## 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:

See CLED2X10BB/PCS for a 2013 California Title 24 compliant Model.

# **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).

#### **GSA Schedule:**

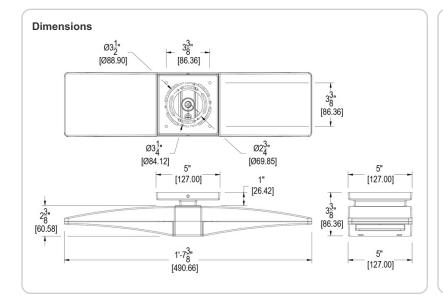
Suitable in accordance with FAR Subpart 25.4.

# Equivalency:

Equivalent to 32W CFL.

# **CLED2X10NW**





# **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