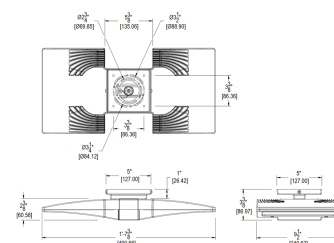


# CLED2X20Y

40 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: Bronze

Weight: 12.2 lbs



## LED Info

Watts: 40W  
 Color Temp: 3000K (Warm)  
 Color Accuracy: 71  
 L70 Lifespan: 100000  
 LM79 Lumens: 1904  
 Efficacy: 44 LPW

## Driver Info

Type: Constant Current  
 120V: 0.38A  
 208V: 0.23A  
 240V: 0.2A  
 277V: 0.17A  
 Input Watts: 44W  
 Efficiency: 92%

## Technical Specifications

### UL Listing:

Suitable for wet locations.

### Lifespan:

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

### Driver:

Automatic Voltage Sensing Driver for 120-277 volts.

### 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. D634872, Canada Pat. 133206, China Pat. ZL201030129122.3, Taiwan Pat. D139372 and Mexico Pat. 32490.

### 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 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 C78.377-2008.

### Cold Weather Starting:

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

### Total Harmonic Distortion:

THD = 6.9%.

### Ambient Temperature:

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

### Fixture Efficacy:

44 Lumens per Watt

### Color Accuracy:

71 CRI

### Color Temperature (Nominal CCT):

3000K



CLED2X20Y - continued

**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 CLED2X20 is Equivalent in delivered lumens to a 100W Metal Halide Ceiling Fixture.

**HID Replacement Range:**

The CLED2X20 can be used to replace 100-150W 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.

