



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

|                     |              |
|---------------------|--------------|
| <b>Project:</b>     | <b>Type:</b> |
| <b>Prepared By:</b> | <b>Date:</b> |

| Driver Info  |                  | LED Info        |        |
|--------------|------------------|-----------------|--------|
| Type:        | Constant Current | Watts:          | 26W    |
| 120V:        | 0.26A            | Color Temp:     | 5000K  |
| 208V:        | 0.17A            | Color Accuracy: | 69 CRI |
| 240V:        | 0.14A            | L70 Lifespan:   | 100000 |
| 277V:        | 0.13A            | Lumens:         | 2,069  |
| Input Watts: | 30W              | Efficacy:       | 68 LPW |
| Efficiency:  | 86%              |                 |        |

## 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, 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 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.

#### Color Temperature (Nominal CCT):

5000K

#### Color Accuracy:

69 CRI

### Electrical

#### Driver:

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

#### Surge Protection:

4kV

### 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

### 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

### Other

#### 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:

See CLED2X13BB/PCS for a 2013 California Title 24 compliant model.

#### 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.

#### Country of Origin:

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

