



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

**Project:**

**Type:**

**Prepared By:**

**Date:**

## Driver Info

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

## LED Info

Watts: 40W  
Color Temp: 3000K  
Color Accuracy: 71 CRI  
L70 Lifespan: 100000  
Lumens: 1904  
Efficacy: 44 LPW

## 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.

#### Lumen Maintenance:

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

#### 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 C78.377-2015.

#### Color Accuracy:

71 CRI

#### Color Temperature (Nominal CCT):

3000K

### Electrical

#### Driver:

Two Multi-chip 10W high output long life LED Driver Constant Current, Class 2

#### Total Harmonic Distortion:

THD = 6.9%.

#### Driver:

Automatic Voltage Sensing Driver for 120-277 volts.

### Construction

#### 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°C (-40°F)

#### Maximum Ambient Temperature:

SuitableFor use in 40°C (104°F) ambient temperatures

### Other

#### 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.

#### 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.

#### Equivalency:

Equivalent to 100W Metal Halide.

#### Buy American Act Compliance:

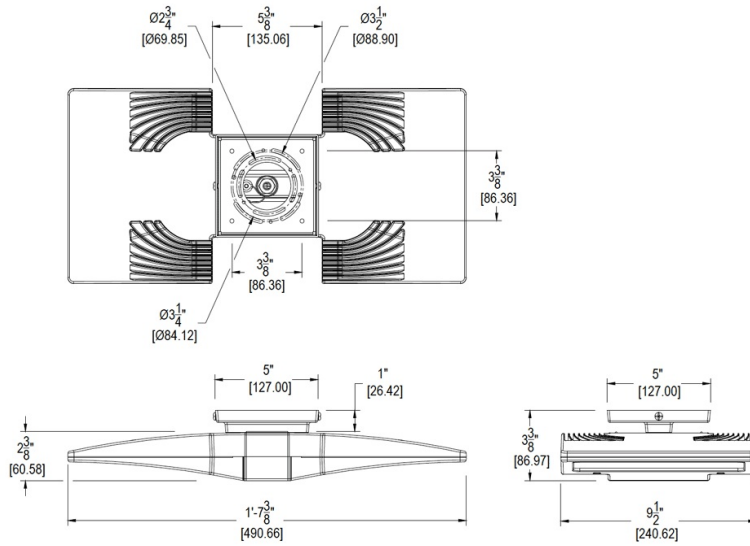
RAB values USA manufacturing! Upon request, RAB may be able to manufacture this product to be compliant with the Buy American Act (BAA). Please contact customer service to request a quote for the product to be made BAA compliant.

### Optical

#### Fixture Efficacy:

44 Lumens per Watt

## 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