



LED ceiling light with precision optics deliver smooth and uniform distribution. Ideal for retail settings, workspace lighting and other applications requiring a high output commercial grade downlight.

Color: Bronze

Weight: 18.0 lbs

**Project:**

**Type:**

**Prepared By:**

**Date:**

#### Driver Info

Type: Constant Current  
120V: 0.78A  
208V: 0.51A  
240V: 0.45A  
277V: 0.39A  
Input Watts: 89W  
Efficiency: 87%

#### LED Info

Watts: 78W  
Color Temp: 3000K (Warm)  
Color Accuracy: 73 CRI  
L70 Lifespan: 100,000  
Lumens: 6235  
Efficacy: 70 LPW

## Technical Specifications

### Listings

#### UL Listing:

Suitable for Wet Locations. Covered Ceiling Mount Only.

#### IESNA LM-79 & LM-80 Testing:

RAB LED luminaires and LED components have been tested by an independent laboratory in accordance with IESNA LM-79 and LM-80.

### LED Characteristics

#### Lifespan:

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

#### LEDs:

6x13W high-output, long-life LEDs

#### 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 C78.377-2017.

### Electrical

#### Drivers:

3x26W Driver, Constant Current, Class 2, 100V-277V, 50/60 Hz, 6kv Surge Protection, 720mA, 100-277VAC 0.4 Amps., Power Factor 99%.

#### THD:

13.6% at 120V

### Construction

#### Maximum Ambient Temperature:

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

#### Cold Weather Starting:

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

#### Housing:

Precision die-cast aluminum housing and lens frame

#### Lens:

Clear tempered glass lens

#### Gaskets:

High-temperature silicone

### Finish:

Formulated for high-durability and long lasting color

### Green Technology:

Mercury and UV-free. RoHS compliant components.

### Other

#### Patents:

The design of CLED78 is protected by patents pending in US, Canada, China, Taiwan and Mexico

### Buy American Act Compliance:

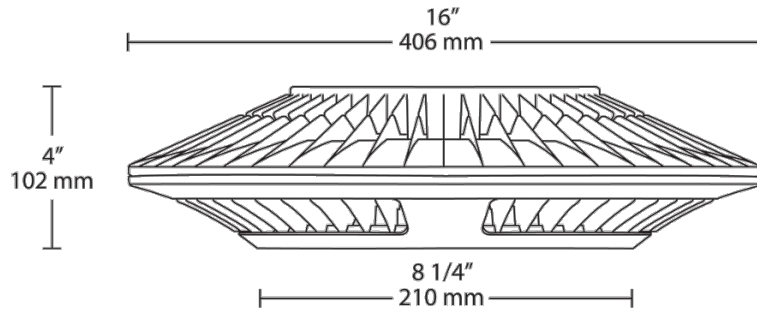
RAB values USA manufacturing! Upon request, RAB may be able to manufacture this product to be compliant with the Buy American Act (BAA). Please contact customer service to request a quote for the product to be made BAA compliant.

### Optical

#### BUG Rating:

B2 U1 G1

## Dimensions



## Features

- High output ceiling light
- Precision optics deliver uniform light distribution
- 100,000-hour LED lifespan
- 5-Year, No-Compromise Warranty