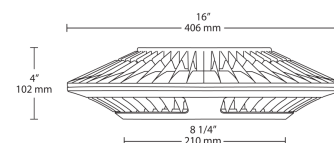


# CLED78

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



## LED Info

Watts: 78W  
 Color Temp: 5000K (Cool)  
 Color Accuracy: 66  
 L70 Lifespan: 100000  
 LM79 Lumens: 5,238  
 Efficacy: 58 LPW

## Driver Info

Type: Constant Current  
 120V: 0.78A  
 208V: 0.51A  
 240V: 0.45A  
 277V: 0.39A  
 Input Watts: 91W  
 Efficiency: 86%

## Technical Specifications

### UL Listing:

Suitable for Wet Locations. Covered Ceiling Mount Only..

### Lumen Maintenance:

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

### LEDs:

6x13W high-output, long-life LEDs.

### Drivers:

3x26W Driver, Constant Current, Class 2, 100V-277V, 50/60 Hz, 6kv Surge Protection, 720mA, 100-277VAC 0.4 Amps., Power Factor 98.2%.

### THD:

12.7% at 120V

### Input Watts:

91

### Output Lumens:

5238.

### Fixture Efficacy:

58 Lumens per Watt

### Color Accuracy (CRI):

66 CRI

### Correlated Color Temp. (Nominal CCT):

5000K

### Cold Weather Starting:

Minimum starting temperature is -40°F/-40°C.

### Thermal Management:

Optimized using computational fluid dynamics software to ensure long LED and driver lifespan.

### Housing:

Precision die-cast aluminum housing and lens frame.

### Lens:

Clear tempered glass lens.

### Gaskets:

High-temperature silicone.

### Finish:

Our environmentally friendly polyester powder coatings are formulated for high-durability and long-lasting color, and contains no VOC or toxic heavy metals.

### Dark Sky Approved:

The International Dark Sky Association has approved this product as a full cutoff, fully shielded luminaire.

### 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.

### Green Technology:

Mercury and UV Free, and RoHS compliant.



CLED78 - continued

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

RAB LED luminaires have been tested by an independent laboratory in accordance with IESNA LM-79 and LM-80, and have received the Department of Energy "Lighting Facts" label.

**California Title 24:**

CLED78 complies with California Title 24 building and electrical codes.

**Patents:**

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

**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.

