



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

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

Driver Info		LED Info	
Type	Constant Current	Watts	78W
120V	0.78A	Color Temp	3000K (Warm)
208V	0.51A	Color Accuracy	73 CRI
240V	0.45A	L70 Lifespan	100,000 Hours
277V	0.39A	Lumens	6,251 lm
Input Watts	91.3W	Efficacy	68.5 lm/W

## Technical Specifications

### Performance

#### Lifespan:

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

### LED Characteristics

#### 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 warranted to shift no more than 200K in color temperature over a 5-year period

#### Color Uniformity:

RC's range of 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 99.5%.

#### THD:

8.0% at 120V, 11.4% at 277V

### Construction

#### Ambient Temperature:

Suitable for use in up to 40°C (104°F)

#### Cold Weather Starting:

The minimum starting temperature is -40°C (-40°F)

#### 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:

Formulated for high durability and long-lasting color

#### Green Technology:

Mercury and UV free. RoHS-compliant components.

### Other

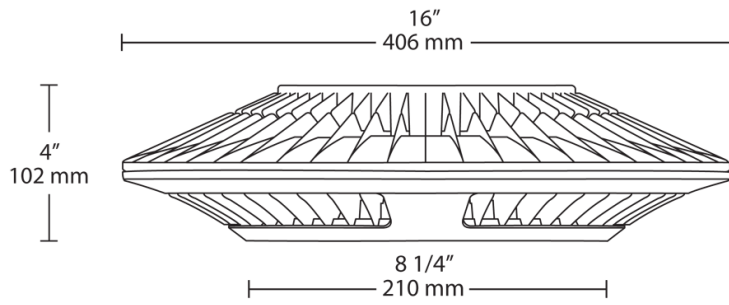
#### Patents:

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.

## Dimensions



## Features

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