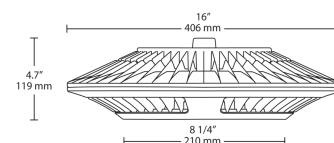


# PLED52YBB/BL

LED pendant mounted fixture with precision optics for 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: 52W  
 Color Temp: 3000K (Warm)  
 Color Accuracy: 85  
 L70 Lifespan: 100000  
 LM79 Lumens: 4153  
 Efficacy: 71 LPW

## Driver Info

Type: Constant Current  
 120V: 0.53A  
 208V: 0.35A  
 240V: 0.30A  
 277V: 0.26A  
 Input Watts: 58W  
 Efficiency: 89%

## Technical Specifications

### SPEC>PLED52 with Bi-Level Operation:

Allows 50% and 100% output modes.

### UL Listing:

Suitable for wet locations.

### Lifespan:

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

### LEDs:

4x13W high-output, long-life LEDs.

### Drivers:

2x26W Driver, Constant Current, Class 2, 100V-277V, 50/60 Hz, 6kv Surge Protection, 720mA, 100-277VAC 0.4 Amps., Power Factor 98%.

### THD:

7.7% at 120V, 10.5% at 277V

### 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.

### Back Box:

The ceiling backbox is perfect for adding sensors or making splices to the PLED™ family of products. Surface mounts over any shape box and covers unsightly stains or gaps. Five (1/2") conduit entries enable wiring directly from the back or through the sides using surface conduit.

### 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:

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 C78.377-2011.

### Green Technology:

Mercury and UV Free, and RoHS compliant.

**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:**

See PLED52/D10 for a 2013 California Title 24 compliant product. Any additional component requirements will be listed in the Title 24 section under technical specifications on the product page.

**Patents:**

The design of PLED52 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.