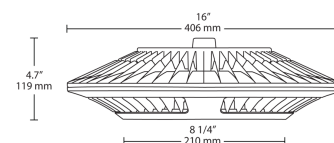


# PLED78W

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: White

Weight: 18.0 lbs



## LED Info

Watts: 78W  
 Color Temp: 5000K (Cool)  
 Color Accuracy: 67  
 L70 Lifespan: 100000  
 LM79 Lumens: 7619  
 Efficacy: 86 LPW

## Driver Info

Type: Constant Current  
 120V: 0.78A  
 208V: 0.51A  
 240V: 0.45A  
 277V: 0.39A  
 Input Watts: 88W  
 Efficiency: 88%

## Technical Specifications

### UL Listing:

Suitable for wet locations.

### Lifespan:

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 99.4%.

### THD:

8.0% at 120V, 10.5% at 277V

### Cold Weather Starting:

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

### Ambient Temperature:

Suitable for use in 35°C (95°F) ambient temperatures.

### 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.

### 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 PLED78/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.

PLED78W - continued

**Patents:**

The design of PLED78 is protected by patents pending in US, Canada, China, Taiwan and Mexico.



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Note: Specifications are subject to change without notice