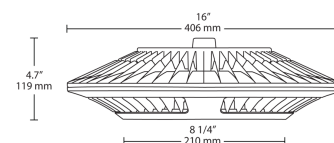


PLED78N

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: 78W
 Color Temp: 4000K (Neutral)
 Color Accuracy: 82
 L70 Lifespan: 100000
 LM79 Lumens: 6607
 Efficacy: 74 LPW

Driver Info

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

8.1% at 120V, 10.7% 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:

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 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.

PLED78N - continued

Patents:

The design of PLED78 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.