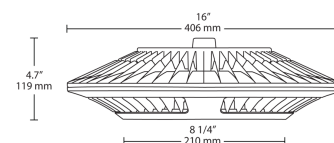


# PLED78YW

78W 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: 3000K (Warm)  
 Color Accuracy: 85  
 L70 Lifespan: 100000  
 LM79 Lumens: 3,691  
 Efficacy: 41 LPW

## Driver Info

Type: Constant Current  
 120V: 0.78A  
 208V: 0.51A  
 240V: 0.45A  
 277V: 0.39A  
 Input Watts: 90W  
 Efficiency: 87%

## Technical Specifications

### UL Listing:

Suitable for wet locations

### 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., THD is less than or equal to 20%, Power Factor 98.3%

### Input Watts:

90

### Output Lumens:

3,691

### Lumens per Watt:

41 Lumens per Watt

### Color Accuracy (CRI):

85 CRI

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

3000K

### Cold Weather Starting:

Minimum starting temperature is -40&deg;F/-40&deg;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:

Chip and fade resistant polyester powder coat finish

### Dark Sky Approved:

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

### Color Stability:

RAB LED performance exceeds industry standards for chromatic stability

### 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:

PLED78 complies with California Title 24 building and electrical codes

### Patents:

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



PLED78YW - continued

**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

