

# AISLED78YW

78W AISLED high bay delivers ultra efficient LED technology with uniform vertical light distribution for improved aisle lighting.

Color: White

Weight: 21.0 lbs

## LED Info

Watts: 78W  
 Color Temp: 3000K (Warm)  
 Color Accuracy: 82  
 L70 Lifespan: 100000  
 LM79 Lumens: 4971  
 Efficacy: 52 LPW

## Driver Info

Type: Constant Current  
 120V: 0.82A  
 208V: 0.52A  
 240V: 0.45A  
 277V: 0.4A  
 Input Watts: 96W  
 Efficiency: 81%

## Technical Specifications

### UL Listing:

Suitable for damp locations with cord and hook.  
 Suitable for wet locations with 3/4" pendant stem.  
 Covered ceiling mount only.

### LEDs:

Three multi-chip, 26W high-output, long-life LEDs.

### Lifespan:

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

### Drivers (3):

Constant Current, 720mA, Class 2 with 6kV surge protection, 100-277VAC, 50/60 Hz.

### THD:

12.8% at 120V

### Input Watts:

96.

### Output Lumens:

4971.

### Fixture Efficacy:

52

### Color Accuracy (CRI):

82 CRI

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

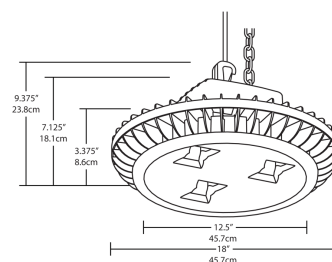
3000K

### Ambient Temperature:

AISLED will operate from -40°C (-40°F) to 55°C (131°F).

### Thermal Management:

Superior heat sinking with external air-flow fins.



### Housing:

Precision die-cast aluminum housing and door frame with 3-foot 600V power cord.

### Mounting:

Heavy-duty 3/4" NPS hook and 3 foot safety chain.

### Recommended Mounting Height:

25 ft.

### Equivalency:

AISLED replaces 250 Watt metal halide one-for-one, and is equivalent to 4 lamp T8 fixtures.

### Lens:

Tempered glass.

### Reflector:

Specular vacuum metallized polycarbonate. AISLED78 reflector provides superior rectangular distribution pattern specifically designed for aisle lighting.

### 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.

### 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 luminaries 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 AISLED78/BL 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 the AISLED™ is protected by patents pending in US, Canada, China, Taiwan and Mexico.

**Accessories:**

Available accessories include protective polyshield and wire guards, replacement lens and doorframe, and an occupancy sensor.

**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.