



78W BAYLED high bay replaces 250W MH high bays, reducing energy consumption by 67%. Suitable for large spaces, including warehouses, factories, and distribution centers.

Color: White

Weight: 21.0 lbs

Project:

Type:

Prepared By:

Date:

#### Driver Info

Type: Constant Current  
 120V: 0.82A  
 208V: 0.52A  
 240V: 0.45A  
 277V: 0.4A  
 Input Watts: 88W  
 Efficiency: 88%

#### LED Info

Watts: 78W  
 Color Temp: 3000K (Warm)  
 Color Accuracy: 81 CRI  
 L70 Lifespan: 100,000  
 Lumens: 7,230  
 Efficacy: 82 LPW

## Technical Specifications

### Listings

#### UL Listing:

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

#### 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.

#### DLC Listed:

This product is on the Design Lights Consortium (DLC) Qualified Products List and is eligible for rebates from DLC Member Utilities.

### LED Characteristics

#### 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.

#### Color Consistency:

3-step MacAdam Ellipse binning to achieve consistent fixture-to-fixture color.

#### Color Stability:

LED color temperature is warrantied 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.

### Electrical

#### Drivers (3):

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

#### THD:

13.2% at 120V

### Construction

#### Ambient Temperature:

BAYLED 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.

#### Lens:

Tempered glass.

#### Reflector:

Specular vacuum metallized polycarbonate.

#### 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.

#### Green Technology:

Mercury and UV free, and RoHS compliant.

### Other

#### Equivalency:

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

#### California Title 24:

See BAYLED78/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 BAYLED™ is protected by patents pending in US, Canada, China, Taiwan and Mexico.

#### Accessories:

Available accessories include protective polycarbonate shield 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.

Technical Specifications (continued)

Other

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).

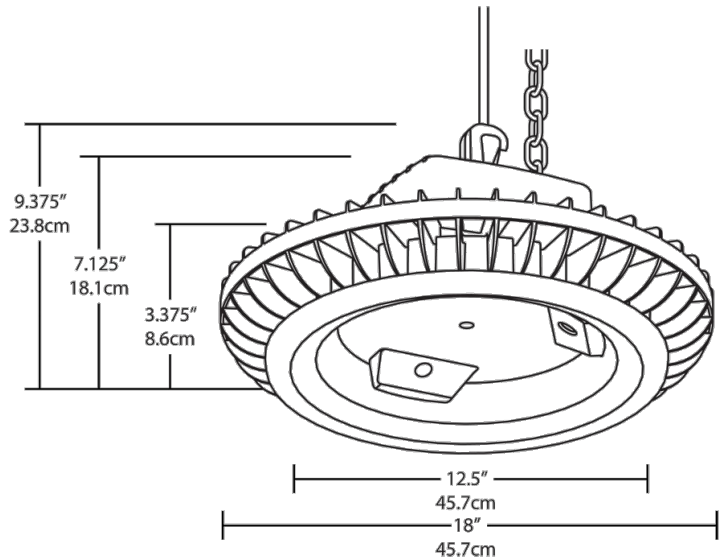
Trade Agreements Act Compliant:

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.

Dimensions



Features

- Replaces 250W MH high bays
- Reduces energy consumption by 67%
- 100,000-hour LED lifespan
- 5-year warranty

Ordering Matrix

Family	Watts	Color Temp	Finish	Bi-Level
BAYLED	78 = 78W	Blank = Cool Y = Warm N = Neutral	W = White	Blank = No Bi-Level /BL = Bi-Level