



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: 89W
 Efficiency: 88%

LED Info

Watts: 78W
 Color Temp: 5100K (Cool)
 Color Accuracy: 68 CRI
 L70 Lifespan: 100,000
 Lumens: 7,463
 Efficacy: 84 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:

7-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:

12.2% 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.

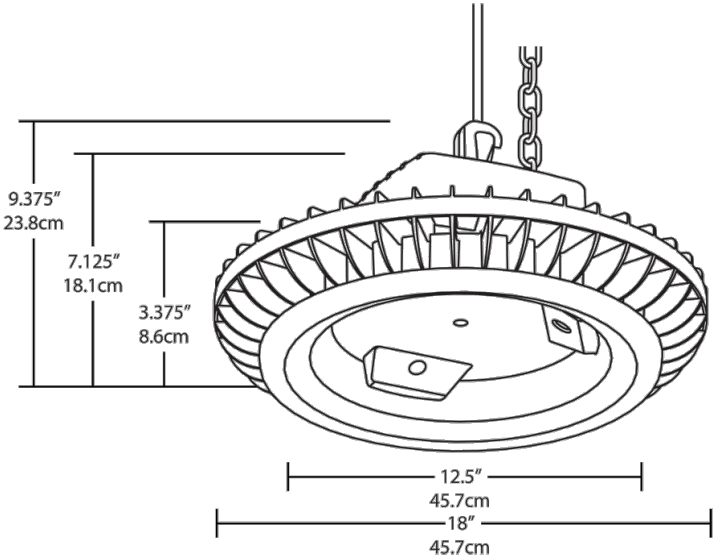
Accessories:

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

BAYLED78W



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