

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: 26.9 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 | 90.3W            |

#### LED Info

|                |               |
|----------------|---------------|
| Watts          | 78W           |
| Color Temp     | 5100K (Cool)  |
| Color Accuracy | 72 CRI        |
| L70 Lifespan   | 100,000 Hours |
| Lumens         | 11,311 lm     |
| Efficacy       | 125.3 lm/W    |

## Technical Specifications

### Compliance

#### UL Listed:

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 and LED components have been tested by an independent laboratory in accordance with IESNA LM-79 and LM-80.

#### DLC Listed:

This product is on the Design Lights Consortium (DLC) Qualified Products List and is eligible for rebates from DLC Member Utilities. Designed to meet DLC 5.1 requirements.  
DLC Product Code: PM82B8EN

### LED Characteristics

#### LEDs:

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

#### 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 color temperature over a 5-year period

### Color Uniformity:

RAB's range of 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.

### Performance

#### Lifespan:

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

#### Wattage Equivalency:

Equivalent to 4 lamp T8 fixtures

### Construction

#### Ambient Temperature:

Suitable for use in up to 55°C (131°F)

#### Thermal Management:

Superior thermal management 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:

Formulated for high durability and long-lasting color

### Green Technology:

Mercury and UV free. RoHS-compliant components.

### Other

#### 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. [Click here to see all accessories.](#)

## Technical Specifications (continued)

### Warranty:

RAB warrants that our LED products will be free from defects in materials and workmanship for a period of five (5) years from the date of delivery to the end user, including coverage of light output, color stability, driver performance and fixture finish. RAB's warranty is subject to all terms and conditions found at [rablighting.com/warranty](http://rablighting.com/warranty).

### Buy American Act Compliance:

RAB values USA manufacturing! Upon request, RAB may be able to manufacture this product to be compliant with the Buy American Act (BAA). Please contact customer service to request a quote for the product to be made BAA compliant.

### Electrical

#### THD:

11.83% at 120V, 9.66% at 277V

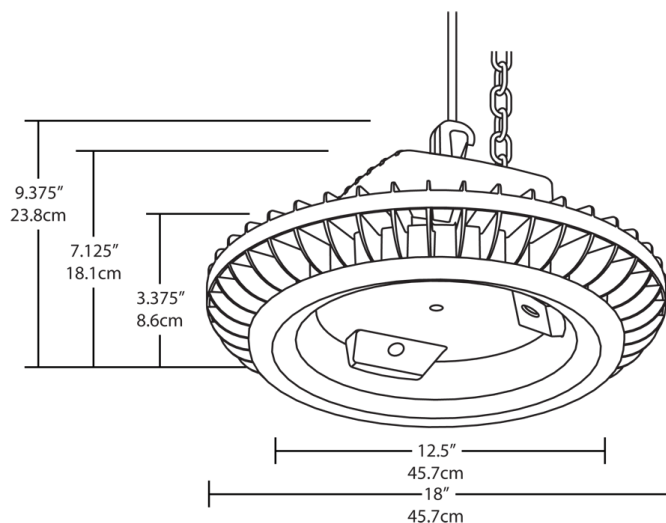
#### Power Factor:

99.1% at 120V, 93.5% at 277V

#### Drivers (3):

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

## Dimensions



## Features

- Replaces 250W MH high bays
- Reduces energy consumption by 67%
- 100,000-hour LED lifespan
- 5-Year, No-Compromise Warranty

Ordering Matrix

| Family | Wattage                | Color Temp  | Finish    | Options  | Other Options                           |
|--------|------------------------|---|-----------|--|---|
| BAYLED | 78                     |   | W         |  |   |
|        | 78 = 78W<br>104 = 104W | Blank = 5100K Cool<br>N = 4000K Neutral<br>Y = 3000K Warm | W = White | Blank = No Option<br>/BL = Bi-Level<br>/D10 = 0-10V Dimming<br>/LC = Lightcloud® Controller<br>/D10/LC = 0-10V Dimming w/ Lightcloud® Controller | USA = BAA Compliant<br>Blank = Standard |