

104W LED high bay fixture with over 10,000 lumens. Reduces energy consumption by up to 70%. Ideal for large spaces, including warehouses, gymnasiums, and distribution centers.

Color: White

Weight: 21.0 lbs

Project:

Type:

Prepared By:

Date:

Driver Info

| | |
|-------------|------------------|
| Type | Constant Current |
| 120V | 1.03A |
| 208V | 0.65A |
| 240V | 0.56A |
| 277V | 0.49A |
| Input Watts | 121.9W |

LED Info

| | |
|----------------|---------------|
| Watts | 104W |
| Color Temp | 3000K (Warm) |
| Color Accuracy | 72 CRI |
| L70 Lifespan | 100,000 Hours |
| Lumens | 14,773 |
| Efficacy | 121.2 lm/W |

Technical Specifications

Compliance

UL Listed:

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

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.

LED Characteristics

LEDs:

Multi-chip, high-output, long-life LEDs

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 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 C78.377-2017.

Performance

Lifespan:

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

Construction

Ambient Temperature:

Suitable for use in up 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

Recommended Mounting Height:

30 ft

Lens:

Tempered glass

Reflector:

Specular vacuum metallized polycarbonate

Gaskets:

High-temperature silicone

Technical Specifications (continued)

Construction

Finish:

Our environmentally friendly polyester powder coatings are formulated for high-durability and long-lasting color

Green Technology:

Mercury and UV free. RoHS-compliant components.

Other

Equivalency:

Replaces 320W Metal Halide

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.

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

Drivers:

Constant Current, 800mA, Class 2 with 6 kV surge protection, 100-277VAC, 50/60 Hz

THD:

9.8% at 120V, 10.04% at 277V

Power Factor:

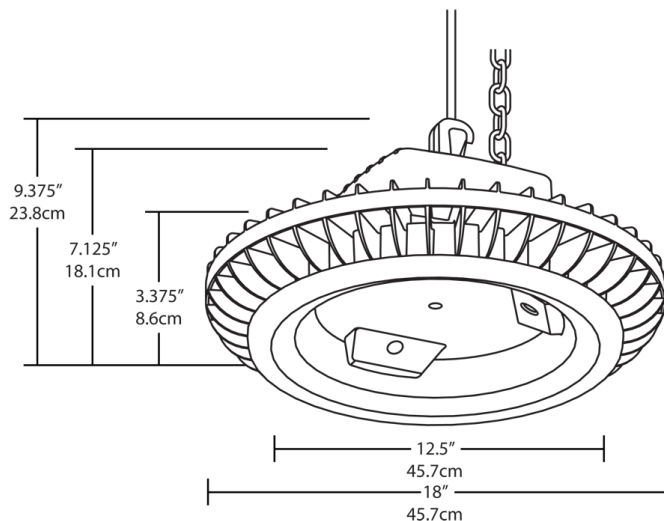
99.3% at 120V, 93.6% at 277V

Listings

DLC Listed:

This product is on the Design Lights Consortium (DLC) Qualified Products List and is eligible for rebates from DLC Member Utilities. DLC Product Code: PH76EP1F

Dimensions



Features

- High output, high efficiency LED high bay
- Bi-level and dimming models available when installed with pendant by others
- Polysield and wire guard accessories available for additional protection
- 100,000-hour lifespan
- 5-Year, No-Compromise Warranty

Ordering Matrix

| Family | Wattage | Color Temp | Finish | Options | Other Options |
|--------|------------------------|---|-----------|--|---|
| BAYLED | 104 | Y | W | | |
| | 78 = 78W 104 = 104W | Blank = 5100K (Cool) N = 4000K (Neutral) Y = 3000K (Warm) | W = White | Blank = No Option /BL = Bi-Level ¹ /D10 = 0-10V Dimming ¹ /D10/LC = 0-10V Dimming w/ Lightcloud® Controller | USA = BAA Compliant Blank = Standard |

¹ Available when mounted with a pendant by others.