



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: 27.8 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: 121W
Efficiency: 86%

LED Info

Watts: 104W
Color Temp: 5100K (Cool)
Color Accuracy: 72 CRI
L70 Lifespan: 100,000
Lumens: 14942
Efficacy: 123 LPW

Technical Specifications

Listings

UL Listing:

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

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 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 C78.377-2017.

Electrical

Drivers:

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

THD:

7.87% at 120V, 10.18% at 277V

Power Factor:

99.5% at 120V, 93.4% at 277V

Construction

Ambient Temperature:

Suitable for use in 55°C (131°F) ambient temperatures

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; is also 3/4" pendant mount-capable (pendant by others)

Recommended Mounting Height:

30 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

Green Technology:

Mercury and UV-free. RoHS compliant components.

Other

Equivalency:

Replaces 320 Watt Metal Halide

Features

High output, high efficiency LED high bay

Bi-level and dimming models available when installed with pendant by others

Polyshield 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	^	W	^	^
	78 = 78W 104 = 104W	Blank = 5100K (Cool) N = 4000K (Neutral) Y = 3000K (Warm)	W = White	Blank = No Option /BL = Bi-Level /D10 = 0-10V Dimming /LC = Lightcloud Controller /D10/LC = 0-10V Dimming w/ Lightcloud Controller	Blank = Standard USA = BAA Compliant



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