BAYLED104NW/BL

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: 28.3 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	122W

LED Info

Watts	104W
Color Temp	4000K (Neutral)
Color Accuracy	75 CRI
L70 Lifespan	100,000 Hours
Lumens	15,049 lm
Efficacy	123.4 lm/W

Technical Specifications

Other

BAYLED104 with Bi-Level Operation:

Allows 50% and 100% output modes

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.

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.

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: PBU906T5

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

Wattage Equivalency:

Replaces 320 Watt Metal Halide

Construction

Ambient Temperature:

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

Thermal Management:

Superior heat sinking with external Air-Flow fins

BAYLED104NW/BL

Technical Specifications (continued)

Construction

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.

Electrical

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

THD:
8.21% at 120V, 9.75% at 277V

Power Factor:
99.5% at 120V, 93.8% at 277V

Ordering Matrix

Family	Wattage	Color Temp	Finish	Options	Other Options
BAYLED	104	N	W	/BL	
	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 **/D10/LC** = 0-10V Dimming w/ Lightcloud® Controller	**USA** = BAA Compliant **Blank** = Standard