BAYLED104W

RAB LIGHTING

Project:	Type:
Prepared By:	**Date:**

Driver Info
Type:	Constant Current
120V:	1.03A
208V:	0.65A
240V:	0.56A
277V:	0.49A
Input Watts:	123W
Efficiency:	85%

LED Info
Watts:	104W
Color Temp:	5100K
Color Accuracy:	82 CRI
L70 Lifespan:	100000
Lumens:	10,375
Efficacy:	84 LPW

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

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 luminaries 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.
DLC Product Code: PA23P3PQX

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 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:

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

Power Factor:

99.5% at 120V, 91.1% at 277V

THD:

8.2% at 120V, 11.3% 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, and contain no VOC or toxic heavy metals.

Green Technology:

Mercury and UV free. RoHS compliant components. Polyester powder coat finish formulated without the use of VOC or toxic heavy metals.
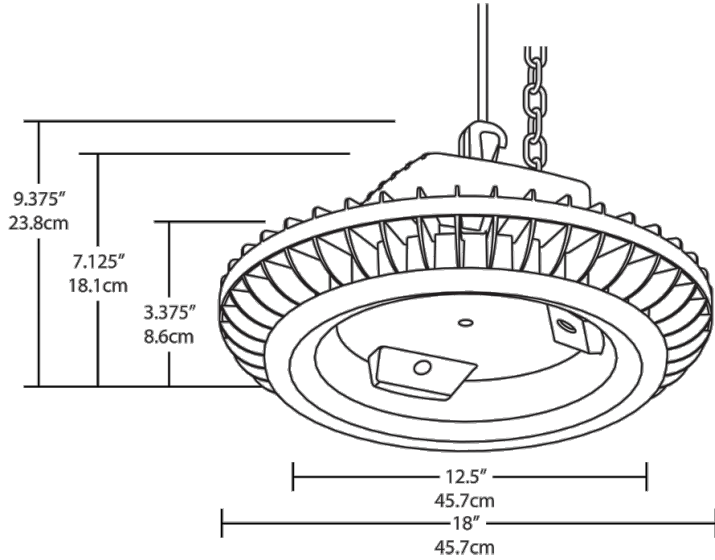
Other

Equivalency:

BAYLED104W replaces 320 Watt metal halide.

California Title 24:

See BAYLED104W/BL or BAYLED104W/D10 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.

BAYLED104W

RAB
LIGHTING

Dimensions

9.375"
23.8cm

7.125"
18.1cm

3.375"
8.6cm

12.5"
45.7cm

18"
45.7cm

Features

High output, high efficiency LED high bay

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

Polyshield and wire guard accsesories available for additional protection

100,000 hour lifespan

5-year no compromise warranty

Ordering Matrix

Family	Watts	Color Temp	Finish	Dimming	Bi-Level
BAYLED					
	104 = 104W	**Blank** = 5000K (Cool)	**W** = White	**Blank** = No Dimming	**Blank** = No Bi-Level
		Y = 3000K (Warm)		**/D10** = Dimmable	**/BL** = Bi-Level
		N = 4000K (Neutral)			