BAYLED78NW/BL

RAB LIGHTING

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

Driver Info

Type:	Constant Current
120V:	0.82A
208V:	0.52A
240V:	0.45A
277V:	0.4A
Input Watts:	89W
Efficiency:	88%

LED Info

Watts:	78W
Color Temp:	4000K
Color Accuracy:	82 CRI
L70 Lifespan:	100000
Lumens:	7,704
Efficacy:	87 LPW

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: 21.0 lbs

Technical Specifications

Other

BAYLED78NW with Bi-Level Operation:

Allows 33%-66%-100% output modes.

Equivalency:

BAYLED replaces 250 Watt metal halide one-for-one, and is equivalent to 4 lamp T8 fixtures.

California Title 24:

See BAYLED78/BL 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.

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.

Country of Origin:

Designed by RAB in New Jersey and assembled in the USA by RAB's IBEW Local 3 workers.

Buy American Act Compliant:

This product is a COTS item manufactured in the United States, and is compliant with the Buy American Act.

Recovery Act (ARRA) Compliant:

This product complies with the 52.225-21 "Required Use of American Iron, Steel, and Manufactured Goods-- Buy American Act-- Construction Materials (October 2010).

Trade Agreements Act Compliant:

This product is a COTS item manufactured in the United States, and is compliant with the Trade Agreements Act.

GSA Schedule:

Suitable in accordance with FAR Subpart 25.4.

Listings

UL Listing:

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 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: PTXAUVRX

LED Characteristics

LEDs:

Three multi-chip, 26W 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 (3):

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

THD:

13.6% at 120V

Construction

Ambient Temperature:

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

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.

Need help? Tech help line: **(888) RAB-1000** Email: **sales@rabweb.com** Website: **www.rabweb.com**

Page 1 of 2

Technical Specifications (continued)

Construction

Reflector:

Specular vacuum metallized polycarbonate.
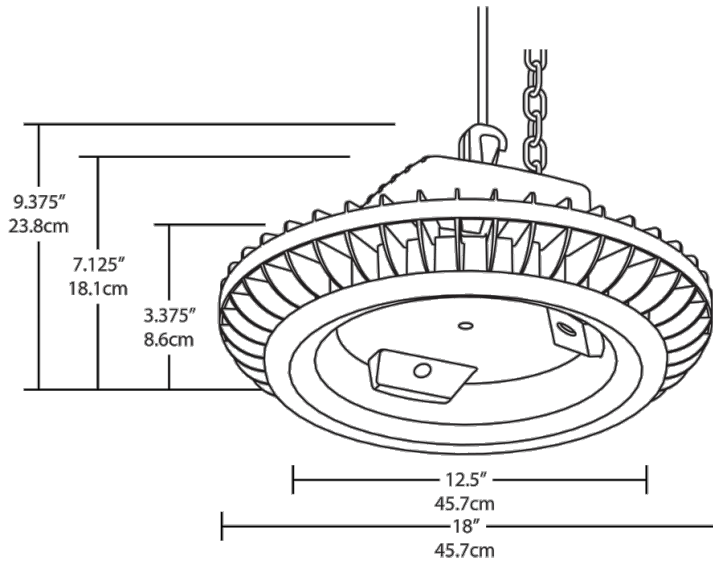
Gaskets:

High-temperature silicone

Finish:

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

Dimensions

9.375″
23.8cm

7.125″
18.1cm

3.375″
8.6cm

12.5″
45.7cm

18″
45.7cm

Features

Replaces 250W MH high bays

Reduces energy consumption by 67%

100,000-hour LED lifespan

5-year warranty

Ordering Matrix

Family	Watts	Color Temp	Finish	Bi-Level
BAYLED				
	78 = 78W	**Blank** = 5000K (Cool)	**W** = White	**Blank** = No Bi-Level
		Y = 3000K (Warm)		**/BL** = Bi-Level
		N = 4000K (Neutral)		

Need help? Tech help line: **(888) RAB-1000** Email: **sales@rabweb.com** Website: **www.rabweb.com**

Page 2 of 2