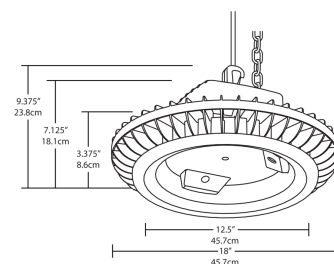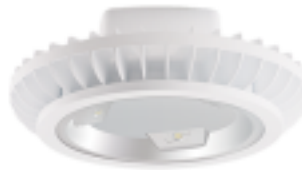# BAYLED78YW

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

LED Info

Watts:	78W
Color Temp:	3000K (Warm)
Color Accuracy:	81
L70 Lifespan:	100000
LM79 Lumens:	7230
Efficacy:	82 LPW

Driver Info

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

Technical Specifications

UL Listing:
Suitable for damp locations with cord and hook. Suitable for wet locations with 3/4" pendant stem. Covered ceiling mount only.

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.

Drivers (3):
Constant Current, 720mA, Class 2 with 6kV surge protection, 100-277VAC, 50/60 Hz.

THD:
13.2% at 120V

Ambient Temperature:
BAYLED will operate from -40°C (-40°F) 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.

Mounting:
Heavy-duty 3/4" NPS hook and 3 foot safety chain.

Recommended Mounting Height:
25 ft.

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

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 contains no VOC or toxic heavy metals.

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.

Green Technology:
Mercury and UV free, and RoHS compliant.

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.

BAYLED78YW - continued

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.

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

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.