ARBAY2-125N/LCS

Project:	Type:
Prepared By:	Date:

This economical linear high-bay delivers versatility and ultra-high efficiency. Available in 90, 125, 175 and 260 Watt versions for mounting heights ranging from 15 to 50 feet.

Color: White   Weight: 17.5 lbs

Driver Info

Type	Constant Current
120V	1.09A
208V	0.65A
240V	0.56A
277V	0.46A
Input Watts	129.30W
Efficiency	97%

LED Info

Watts	125.00W
Color Temp	4000K (Neutral)
Color Accuracy	84 CRI
L70 Lifespan	50,000
Lumens	17,441
Efficacy	134.9 LPW

Technical Specifications

Lightcloud

Lightcloud Sensor Installed:

Occupancy, vacancy, and closed loop daylight harvesting in one versatile sensor. Control any fixture in your Lightcloud system. Can also be used as a load controller. Compatible with the 8.5" reflectors. Learn more about Lightcloud.

Listings

UL Listed:

Suitable for damp locations

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 listed by Design Lights Consortium (DLC) as an ultra-efficient premium product that qualifies for the highest tier of rebates from DLC Member Utilities.DLC Product Code: PGAW7XBQ

LED Characteristics

Lifespan:

50,000-hour LED lifespan based on IES LM-80 results and TM-21 calculations

LEDs:

Long-life, high-efficiency, surface mount LEDs

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

Driver:

Constant Current, Class 2, 120-277V, 50/60Hz, 120V: 1.09A, 208V: 0.65A, 240V: 0.56A, 277V 0.46A

Dimming Driver:

Driver includes dimming control wiring for 0-10V dimming systems. Requires separate 0-10V DC dimming circuit. Dims as low as 10%.

THD:

7.6% at 120V, 8.1% at 277V

Power Factor:

99.5% at 120V, 96.5% at 277V

Surge Protection:

4kV

Construction

Operating Temperature:

-20°C (-4°F) - 55°C (131°F)

Housing:

Die formed painted steel

Lens:

Diffused Polymethyl Methacrylate (PMMA)

Mounting:

V hooks and optional pendant mounting. AEROBAY™ comes with two 42" chains.

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

Replacement:

125W replaces up to (6) F32T8, (4) F54T5 or 400W HID

Need help? Tech help line: **(888) 722-1000** Email: **custserv@rablighting.com** Website: **www.rablighting.com**

Copyright © 2019 RAB Lighting All Rights Reserved   Note: Specifications are subject to change at any time without notice

Page 1 of 2

Technical Specifications (continued)
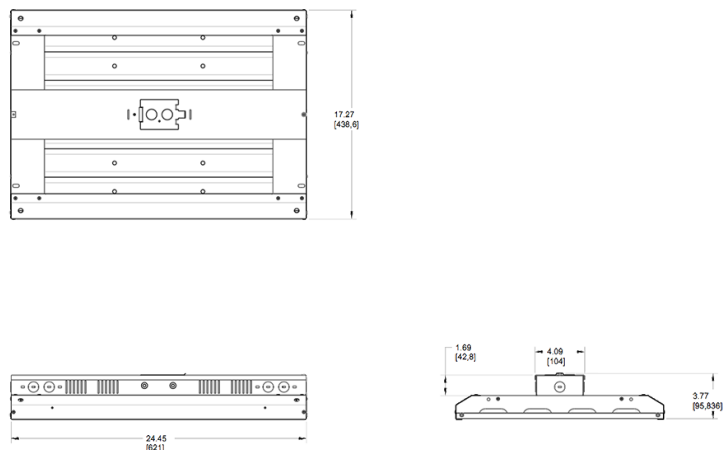
Other

5 Yr Limited Warranty:

The RAB 5-year, limited warranty covers light output, driver performance and paint 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.

Dimensions

Features

- High efficiency. Low price.
- Available with factory-installed Lightcloud controls
- Ideal for industrial warehouse spaces
- 50,000 hour LED lifespan
- 5-Year, Limited Warranty and 10-Year, No-Compromise Lightcloud Warranty

Ordering Matrix

Family	Length		Wattage	Color Temp	Voltage	Control Options	Battery Backup	Cord & Plug
ARBAY	2	–	125	N		/LCS		
	2 = 2 ft. **4 =** 4 ft/		**90 =** 90W **125 =** 125W **175 =** 175W **260 =** 260W	**Blank =** 5000K (Cool) **N =** 4000K (Neutral)	**Blank =** 120-277V **/347 =** 347V	**Blank =** No Control Option **/LCS =** LCHBSENSE w/ mounting arm (120V - 277V) [1] **/LOS =** LOSBAY800 w/ mounting arm (347V not available) [1] **/LC =** Lightcloud® (120V - 277V) [1]	**Blank =** No Battery Backup **/E2 =** Battery Backup (120V - 277V)	**Blank =** No cord and plug **/8C =** 8 ft. cord, no plug **/8CP =** 8 ft. cord & straight plug, 120V **/8CP2 =** 8 ft. cord & straight plug, 277V **/8CPT2 =** 8 ft. cord & Twistlock, 277V **/8CPT4 =** 8 ft. cord & Twistlock, 347V [2]

[1] For 120V-277V use only.

[2] Can not be combined with any of the control options.

Need help? Tech help line: **(888) 722-1000** Email: **custserv@rablighting.com** Website: **www.rablighting.com**

Copyright © 2019 RAB Lighting All Rights Reserved   Note: Specifications are subject to change at any time without notice

Page 2 of 2