



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: 23.1 lbs

Project:

Type:

Prepared By:

Date:

Driver Info

Type: Constant Current
 120V: 1.50A
 208V: 0.89A
 240V: 0.78A
 277V: 0.64A
 Input Watts: 177W
 Efficiency: 99%

LED Info

Watts: 175W
 Color Temp: 5000K (Cool)
 Color Accuracy: 84 CRI
 L70 Lifespan: 50,000
 Lumens: 23960
 Efficacy: 136 LPW

Technical Specifications

Listings

UL Listed:

Suitable for damp locations

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: PFD90WPY

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.

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 Stability:

LED color temperature is warranted 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 C78.377-2017.

Electrical

Driver:

Constant Current, Class 2, 120-277V, 50/60Hz, 120V: 1.50A, 208V: 0.89A, 240V: 0.78A, 277V 0.64A

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:

7.4% at 120V, 8.8% at 277V

Power Factor:

99.5% at 120V, 96.8% at 277V

Surge Protection:

4kV

Construction

Operating Temperature:

-20°C (-4°F) - 50°C (122°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:

175W replaces up to (8) F32T8 or (6) F54T5

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

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

Ordering Matrix

Family	Length	Wattage	Color Temp	Voltage	Control Options	Battery Backup	Cord & Plug
ARBAY	4	175	^	^	^	^	^
	2 = 2 ft.	90 = 90W	Blank = 5000K (Cool)	Blank = 120-277V	Blank = No Control Option	Blank = No Battery Backup	Blank = No cord and plug
	4 = 4 ft.	125 = 125W	N = 4000K (Neutral)	/480 = 480V	/LCS = LCHBSENSE w/ mounting arm	/E2 = Battery Backup	/8C = 8 ft. cord, no plug
		175 = 175W			/LOS = LOSBAY800 w/ mounting arm		/8CP = 8 ft. cord & straight plug, 120V
		260 = 260W			/LC = Lightcloud		/8CP2 = 8 ft. cord & straight plug, 277V
							/8CPT2 = 8 ft. cord & Twistlock, 277V
							/8CPT4 = 8 ft. cord & Twistlock, 480V