ARBAY4-175

RAB LIGHTING

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
Color Accuracy:	84 CRI
L70 Lifespan:	50000
Lumens:	23960
Efficacy:	136 LPW

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

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 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.

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 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 C78.377-2017.

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) - 55°C (131°F)

Housing:

Die formed painted steel

Lens:

Diffused Polymethyl Methacrylate (PMMA)

Mounting:

V hooks and optional pendant mounting

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. Polyester powder coat finish formulated without the use of VOC or toxic heavy metals.

Other

Replacement:

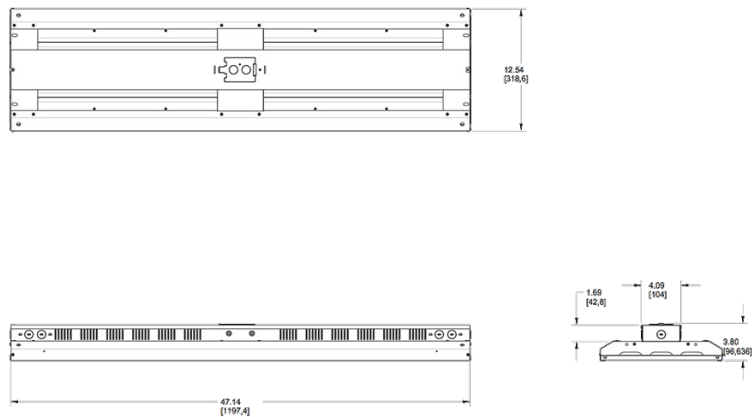175W replaces up to (8) F32T8 or (6) F54T5.

5 Yr Limited Warranty:

RAB warrantees fixture operation and paint finish for a period of 5 years.

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.

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Dimensions

12.54 [318,6]

1.69 [42,6] 4.09 [104]

3.80 [96,636]

47.14 [1197,4]

Features

High efficiency. Low price.

Rated for high ambient environments up to 55° C

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. **4** = 4 ft/	**90** = 90W **125** = 125W **175** = 175W **260** = 260W	**Blank** = 5000K (Cool) **N** = 4000K (Neutral)	**Blank** = 120-277V **/480** = 480V	**Blank** = No Control Option **/LCS** = LCHBSENSE w/ mounting arm (120V - 277V) **/LOS** = LOSBAY800 w/ mounting arm (480V not available) **/LC** = Lightcloud® (120V - 277V)	**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, 480V