



An ultra-economy, linear high bay with innovative, adjustable fold-up wings that let you put light where you need it.

Color: White

Weight: 5.3 lbs

<b>Project:</b>	<b>Type:</b>
<b>Prepared By:</b>	<b>Date:</b>

Driver Info		LED Info	
Type	Constant Current	Watts	100W
120V	0.92A	Color Temp	5000K (Cool)
208V	0.53A	Color Accuracy	85 CRI
240V	0.46A	L70 Lifespan	50,000 Hours
277V	0.40A	Lumens	13,534 lm
Input Watts	100.5W	Efficacy	134.7 lm/W

## Technical Specifications

### Compliance

#### 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.

#### Trade Agreements Act Compliant:

This product is a product of Cambodia and a "designated country" end product that complies with the Trade Agreements Act

#### DLC Listed:

This product is on the Design Lights Consortium (DLC) Qualified Products List and is eligible for rebates from DLC Member Utilities. Designed to meet DLC 5.1 requirements.  
DLC Product Code: PTF2Z78V

### Performance

#### Lifespan:

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

#### Tilt Angle:

0° - 100.5W; 13,534 lumens  
15° - 100.4W; 13,601 lumens  
27° - 100.3W; 13,630 lumens  
39° - 100.4W; 13,646 lumens  
50° - 100.2W; 13,617 lumens

#### Wattage Equivalency:

Equivalent to 250W Metal Halide

### Electrical

#### Driver:

Constant Current, Class 2, Class P, 120-277V, 50/60 Hz, 120V: 0.92A, 208V: 0.53A, 240V: 0.46A, 277V: 0.40A

#### Dimming Driver:

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

#### THD:

6.48% at 120V, 8.9% at 277V

#### Power Factor:

99.7% at 120V, 97.2% at 277V

#### Surge Protection:

2.5kV

### LED Characteristics

#### LEDs:

Long-life, high-efficacy, discrete, surface-mount LEDs

#### Color Consistency:

7-step MacAdam Ellipse binning to achieve consistent fixture-to-fixture color

#### Color Uniformity:

RAB's range of 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.

### Construction

#### Cold Weather Starting:

The minimum starting temperature is -20°C (-4°F)

#### Maximum Ambient Temperature:

Suitable for use in up to 50°C (122°F)

#### Housing:

Polycarbonate and ABS (PC/ABS)

#### Finish:

Formulated for high durability and long-lasting color

#### Green Technology:

Mercury and UV free. RoHS-compliant components.

### Installation

#### Mounting:

V-hooks and optional pendant mounting

#### Sensor Settings

##### Capacitance Load:

400VA at 120VAC, 800VA at 230VAC, 1000VA at 277VAC

**Technical Specifications (continued)****Operating Temperature:**

-20°C to +60°C (-4°F to +140°F)

**Relay:**

Zero-cross relay

**Maximum Mounting Height:**

16.4 ft

**Customizable Detection Area:**

10, 50, 75 or 100%

**Time Delay:**

5s, 30s, 1min, 5min, 10min, 20min, 30min

**Cut Off Period:**

0s, 10s, 1min, 5min, 10min, 30min, 1hr, Bi-Level

**Cut-Off Dimming level:**

10, 20, 30, 50%

**Cut-Off Power:**

Less than 1W

**Daylight Threshold:**

About .2-5 fc for disabled

**Sensor Principle:**

High Frequency

**Microwave Frequency:**

5.8GHz +/- 75MHz

**Microwave Power:**

<0.2mW

**Max Detection Range:**

26 ft diameter at 16 ft mounting height

**Detection Angle:**

About 30 to 150 degrees

**Remote Control Accessory:**

Adjust settings using remote control (catalog# MVSREM). Only available with 0-10V dimming driver options. [Remote control available here.](#)

**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](http://rablighting.com/warranty).

