



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

Color: White

Weight: 5.2 lbs

Project:

Type:

Prepared By:

Date:

Driver Info

Type	Constant Current
120V	0.92A
208V	0.53A
240V	0.46A
277V	0.40A
Input Watts	100.5W

LED Info

Watts	100W
Color Temp	5000K (Cool)
Color Accuracy	85 CRI
L70 Lifespan	50,000 Hours
Lumens	13,534 lm
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.

DLC Listed:

This product family is listed with the DesignLights Consortium (DLC). Individual SKUs within this family may carry either a DLC Standard or DLC Premium qualification. Please refer to the individual product specification sheet or the DLC Qualified Products List (QPL) at designlights.org to confirm the qualification status of a specific SKU prior to specification or purchase.

Performance

Lifespan:

50,000-Hour LED lifespan based on IESIm-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:

2.5 kV

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 -4°F (-20°C)

Maximum Ambient Temperature:

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

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

Technical Specifications (continued)

Lightcloud

Lightcloud Controller Installed:

Integrated/embedded networked lighting control, luminaire-level lighting control. Fixture, Zone, and plug-load control from one powerful device. LLLC - capable of switching, 0-10V dimming, power/energy monitoring. Can also be used to extend the range of the Lightcloud mesh network communication protocols. Offers the capability to set the maximum light output to a less-than-maximum state of an individual luminaire at the time of installation or commissioning. The High-End trim functionality is field reconfigurable via the Lightcloud mesh network communication protocols. The Lightcloud controller can be attached to the fixture, junction box, or electrical panel.

DLC system - N1XMLOEATBA

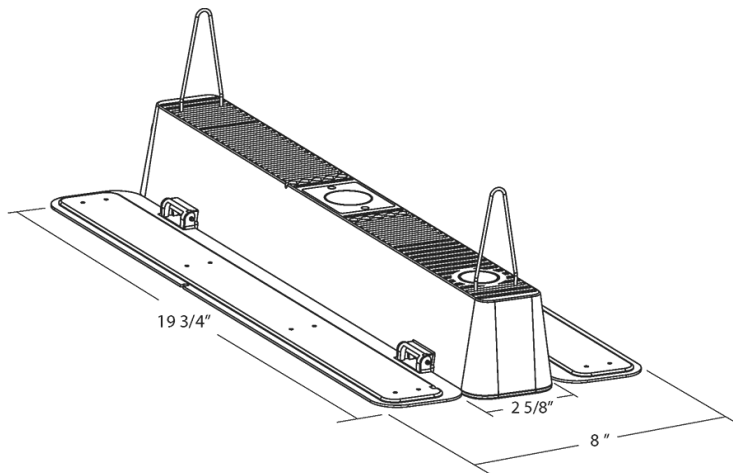
[Learn more at www.lightcloud.com](http://www.lightcloud.com)

Other

5-Year 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.

Dimensions



Features

- 50,000-Hour LED lifespan
- DLC listed
- 5-Year, limited warranty

Ordering Matrix

Family		Wattage	Color Temp	Finish	Options
L34	-	110			/LC
		110 = 100W 180 = 160W	Blank = 5000K N = 4000K	Blank = White	Blank = No Option /LC = Lightcloud /LCS = Lightcloud Sensor /MVS = Microwave Occupancy Sensor