L34 Ultra-Economy, Linear High Bay

PROJECT:

DATE:

TYPE:

PREPARED BY:

5 YEAR LIMITED WARRANTY

DLC LISTED

UL LISTED

Ultra-economy, linear high bay with adjustable fold-up wings

0-10V | 50,000 HOURS | EASY INSTALL | DAMP RATED

KEY FEATURES

- **Ultra-economy, light weight, with innovative fold-up design**
- Includes paracords that can lock lens in 5 different angles for adjustable light output
- Available in **100W (12,000lm)** & **160W (20,000lm)**
- Available **CCT: 5000K and 4000K**

PERFORMANCE

L34 100W	5000K	4000K	5000K	4000K	5000K	4000K	5000K	4000K	5000K	4000K
TILT ANGLE	0° uptilt		15° uptilt		27° uptilt		39° uptilt		50° uptilt	
INPUT WATTS	100.5W	100.5W	100.4W	100.6W	100.3W	100.6W	100.4W	100.6W	100.2W	100.7W
LUMENS	13,534	13,654	13,601	13,665	13,630	13,649	13,646	13,572	13,617	13,412
EFFICACY (LM/W)	135	136	136	136	135	136	136	135	136	133
CRI	85	84	85	84	85	84	85	84	85	84
VOLTAGE RATINGS	120-277V									

L34 160W	5000K	4000K	5000K	4000K	5000K	4000K	5000K	4000K	5000K	4000K
TILT ANGLE	0° uptilt		15° uptilt		27° uptilt		39° uptilt		50° uptilt	
INPUT WATTS	158.6W	159.6W	158W	160.4W	158.4W	160.5W	156.6W	160.7W	159.1W	160.7W
LUMENS	20,996	20,823	20,754	20,923	20,977	20,935	20,946	20,777	21,077	20,513
EFFICACY (LM/W)	132	131	131	130	132	130	132	129	133	128
CRI	86	84	86	84	86	84	86	84	86	84
VOLTAGE RATINGS	120-277V									

TECHNICAL SPECIFICATIONS

COMPLIANCE

UL Listed
Suitable for damp locations

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.

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.

L34 Ultra-Economy, Linear High Bay

TECHNICAL SPECIFICATIONS

ELECTRICAL

Drivers
Constant Current, Class 2, Class P, 120-277V, 50/60 Hz,
100W: 120V: 0.92A, 208V: 0.53A, 240V: 0.46A, 277V: 0.40A
160W: 120V: 1.50A, 208V: 0.87A, 240V: 0.75A, 277V: 0.65A

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

THD
100W : 6.48% at 120V, 8.9% at 277V
160W : 6.55% at 120V, 13.3% at 277V

Power Factor
100W : 99.7% at 120V, 97.2% at 277V
160W : 99.8% at 120V, 94.2% at 277V

Surge Protection
2.5kV

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)

Mounting
V hooks and optional pendant mounting (pendant by others)

Housing
Polycarbonate and ABS (PC/ABS)

Green Technology
Mercury and UV free. RoHs-compliant components.

Finish
Formulated for high durability and long lasting color

OTHER

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.

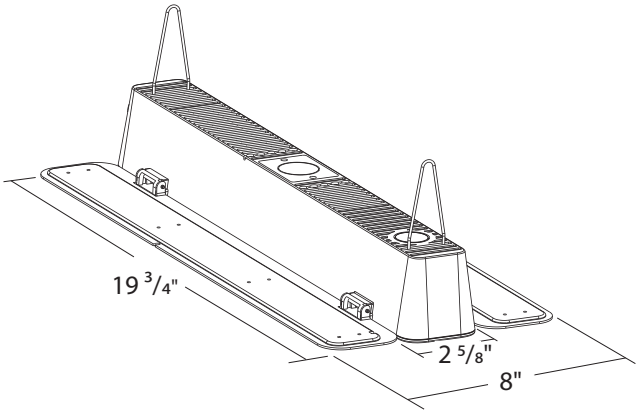
Lifespan
100,000-hour LED lifespan based on IES LM-80 results and TM-21 calculations

DIMENSIONS

L34

100W: Weight: 4.8 lbs

160W: Weight: 6 lbs



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ACCESSORY

Image	SKU#	UPC	Description
	MVSREM	019813490991	REMOTE FOR MICROWAVE SENSOR FOR TROFFER

ORDERING MATRIX

L34

Family		Wattage	Color Temp	Finish	Voltage	Options
L34	-					
		110 100W **180** 160W	**BLANK** 5000K **N** 4000K	**BLANK** White	**BLANK** 120-277V, 0-10V Dimming	**BLANK** No Options **/LC** Lightcloud Controller **/LCS** Lightcloud Sensor **/MVS** Occupancy Sensor