L34 Ultra-Economy, Linear High Bay

PROJECT:

DATE:

TYPE:

PREPARED BY:

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**

TECHNICAL SPECIFICATIONS

COMPLIANCE

UL Listed
Suitable for damp locations

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.

CATALOG#	DLC ID
L34-110	PTF2Z78V
L34-100N	S-LO46A9
L34-180	PVWC2J26
L34-180N	S-LOTMUI

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

Note: All values are typical (tolerance +/- 10%)

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

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.

OTHER

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.
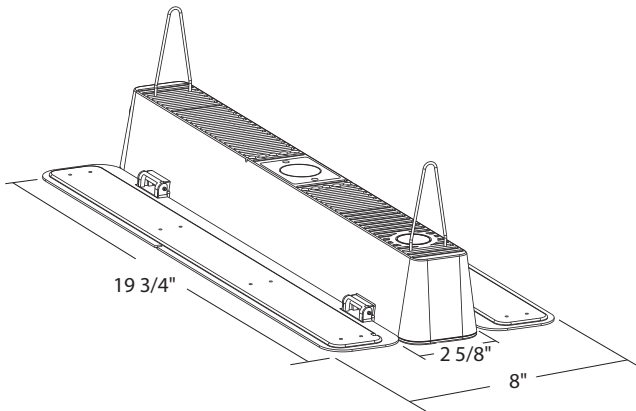
Warranty

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.

L34 Ultra-Economy, Linear High Bay

DIMENSIONS

L34

100W: Weight: 4.8 lbs
160W: Weight: 6 lbs

19 3/4"
2 5/8"
8"

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									

ORDERING MATRIX

L34

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