L34-110N/LC

RAB



Proje	ect:	Туре:		
Prepared By:		Date:		_
Driver Ir	nfo	LED Info		
Type 120V	Constant Current 0.92A	Watts Color Temp	100W 4000K (Neutral)	

Technical Specifications

Compliance

UL Listed:

Suitable for damp locations

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: S-LO46A9

Performance

Lifespan:

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

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%.

208V

240V

277V

0.53A

0.46A

0.40A

Input Watts 100.5W

THD: 8.48% at 120V, 10.17% at 277V

Power Factor: 99.5% at 120V, 97.2% 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)

Color Accuracy 84 CRI

50,000 Hours

13,654 lm

135.9

L70 Lifespan

Lumens

Efficacy

Maximum Ambient Temperature: Suitable for use in up to 50°C (122°F)

Housing: Polycarbonate and ABS (PC/ABS)

Mounting: V-hooks and optional pendant mounting

Finish: Formulated for high durability and long-lasting color

Green Technology:

Mercury and UV free. RoHS-compliant components.

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, 0-10Vdimming, 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 about Lightcloud.

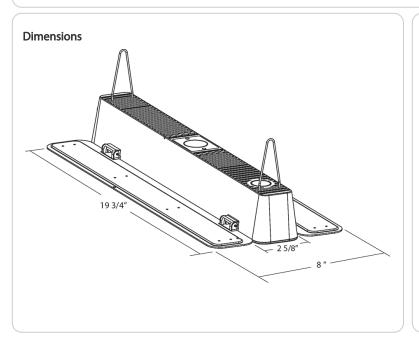
Other

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 <u>rablighting.com/warranty.</u>

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.



Features

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

L34-110N/LC

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