# 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.

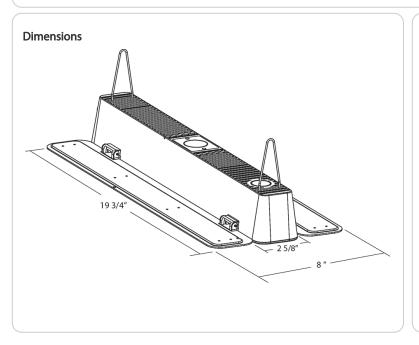
#### Other

### 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
	<b>110 =</b> 100W <b>180 =</b> 160W	<b>Blank =</b> 5000K <b>N =</b> 4000K	Blank = White	Blank = No Option /LC = Lightcloud® Controller /LCS = Lightcloud® Sensor /MVS = Microwave Occupancy Sensor