



Color: Gray

Weight: 21.2 lbs

<b>Project:</b>	<b>Type:</b>
<b>Prepared By:</b>	<b>Date:</b>

Driver Info		LED Info	
Type	Constant Current	Watts	120W
120V	1.00A	Color Temp	5000K
208V	0.58A	Color Accuracy	82 CRI
240V	0.50A	L70 Lifespan	100,000 Hours
277V	0.46A	Lumens	18,837 lm
Input Watts	120W	Efficacy	157

**Technical Specifications**

**Hazardous Location Classifications**

**Class I:**

Class I: A hazardous location in which flammable gases or vapors may be present in the air in sufficient quantities to be explosive or ignitable, such as petroleum refineries, aircraft hangars, dry cleaning plants, utility gas plants or storage areas for liquified petroleum or natural gas, and spray finishing areas.

**Division 2:**

Division 2: Abnormal condition, where ignitable concentrations of flammable gases, vapors or liquids are not like to exist under normal operating conditions, for example:

Closed storage drums containing flammable liquids in an inside storage room would not normal allow the hazardous vapors to escape into the atmosphere. But if one of the containers is leaking, you've got an abnormal condition.

**Groups A - D:**

Groups A - D: The gases and vapors of Class 1 locations are broken into four groups by the Code: A,B,C, and D. These materials are grouped according to the ignition temperature of the substance, its explosion pressure, and other flammable characteristics.

Group A - The only substance in group A is acetylene because it is a gas with extremely high explosion pressures.

Group B - This group includes hydrogen and other materials with similar characteristics.

Group C & D - The most usual Class 1 groups. They comprise the greatest percentage of all Class I hazardous locations. Found in Group C is ethylene. Found in Group D are many of the most common flammable substances such as butane, gasoline, natural gas and propane.

**UL 844:**

Electric lighting fixtures for use in hazardous (classified) locations

**Compliance**

**UL Listed:**  
Suitable for wet locations

**IP Rating:**

Ingress protection rating of IP66 for dust and water

**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-0N3JSV

**Electrical**

**Driver:**

Constant Current, Class P, 50/60 Hz, 120V-277V, 120V: 1.00A, 208V: 0.58A, 240V: 0.50A, 277V: 0.46A

**Dimming Driver:**

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

**THD:**

4.58% at 120V, 7.06% at 277V

**Power Factor:**

99.7% at 120V, 91.8% at 277V

**Surge Protection:**

L-N: 6kV  
L/N-PE: 10kV

**Construction**

**Housing:**  
Aluminum

## Technical Specifications (continued)

**Reflector:**

Polycarbonate

**Rated Ambient Temperature Range:**

-40°C (-40°F) to 65°C (149°F), T4A

**Effective Projected Area:**

1.992 square foot

**Lens:**

Clear polycarbonate lens

**Tilt Increment:**

45 degree (yoke bracket)

**Gaskets:**

High-temperature silicone

**Green Technology:**

Mercury and UV free. RoHS-compliant components.

**Finish:**

Formulated for high durability and long-lasting color

### Installation

**Mounting:**

All models come standard with three mounting options: pendant mount (pendant by others), chain mount, and a yoke bracket for surface mount. A separate kit is available for ceiling mount.

### LED Characteristics

**LEDs:**

Long-life, high-efficacy, surface-mount LEDs

**Color Stability:**

LED color temperature is warrantied to shift no more than 200K in color temperature over a 5-year period

**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.

### Performance

**Lifespan:**

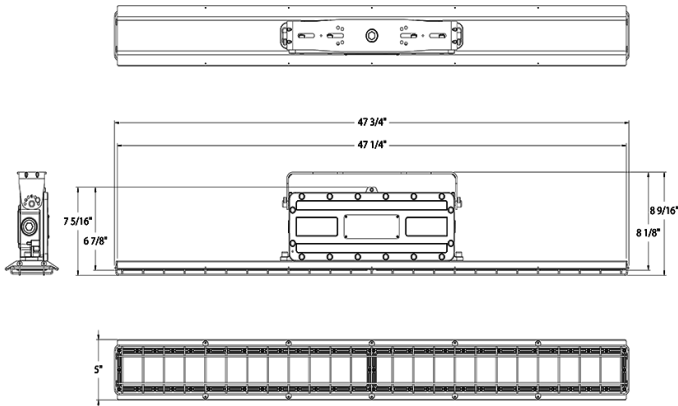
100,000-Hour LED lifespan based on IES LM-80 results and TM-21 calculations

### Other

**5-Year, No-Compromise Warranty:**

RAB warrants that our LED products will be free from defects in materials and workmanship for a period of five (5) years from the date of delivery to the end user, including coverage of light output, color stability, driver performance and fixture finish. RAB's warranty is subject to all terms and conditions found at [rablighting.com/warranty](http://rablighting.com/warranty).

## Dimensions



## Features

- Class 1, Division 2, Groups A, B, C, D
- IP66, UL1598, UL8750 and UL 844 ratings
- DLC Listed
- 50,000-Hour LED lifespan
- 5-Year, no-compromise warranty

## Ordering Matrix

Family	Wattage (Size)	Color Temp	Finish	Driver
HAZL34	120			
	40 = 40W (2 ft) 80 = 80W (4 ft) 120 = 120W (4 ft) 200 = 200W (4 ft)	Blank = 5000K	Blank = Gray	Blank = 120-277V, 0-10V Dimming /480 = 480V, 0-10V Dimming