



Color: Gray

Weight: 21.2 lbs

Project:	Type:
Prepared By:	Date:

Driver Info		LED Info	
Type	Constant Current	Watts	80W
120V	0.67A	Color Temp	5000K
208V	0.39A	Color Accuracy	82 CRI
240V	0.34A	L70 Lifespan	50,000 Hours
277V	0.30A	Lumens	12,901 lm
Input Watts	80.6W	Efficacy	160.1

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-C3MKH7

Electrical

Driver:

Constant Current, Class P, 50/60 Hz, 120V-277V, 120V: 0.67A, 208V: 0.39A, 240V: 0.34A, 277V: 0.30A

Dimming Driver:

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

THD:

4.89% at 120V, 6.76% at 277V

Power Factor:

99.9% at 120V, 94.2% at 277V

Surge Protection:

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

Construction

Housing:

Aluminum

Technical Specifications (continued)

Reflector:

Polycarbonate

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.

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

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:

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

Other

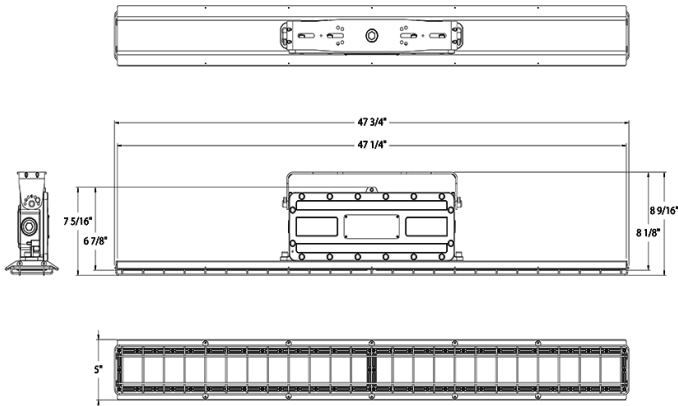
Warranty:

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.

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.

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	Voltage
HAZL34	80			
	40 = 40W (2 ft) 80 = 80W (4 ft) 120 = 120W (4 ft)	Blank = 5000K	Blank = Gray	Blank = 120-277V, 0-10V Dimming /480 = 480V, 0-10V Dimming