



Color: Gray

Weight: 30.1 lbs

Project:

Type:

Prepared By:

Date:

### Driver Info

Type	Constant Current
120V	0.50A
208V	0.29A
240V	0.25A
277V	0.24A
Input Watts	60W

### LED Info

Watts	60W
Color Temp	5000K
Color Accuracy	84 CRI
L70 Lifespan	100,000 Hours
Lumens	8,701 lm
Efficacy	145

## Technical Specifications

### Hazardous Location Classifications

#### Class I Division 2 (Groups A, B, C, D):

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 liquefied petroleum or natural gas, and spray finishing areas.

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.

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

#### UL 1598:

Electric lighting fixtures for use in non-hazardous locations

### Compliance

#### UL Listed:

Suitable for wet locations

#### IESNA LM-79 & LM-80 Testing:

RAB LED luminaires and LED components have been tested by an independent laboratory in accordance with IESNA LM-79 and LM-80.

#### 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-V1BMF7

### Electrical

#### Driver:

Constant Current, Class 2, 50/60 Hz, 120V-277V, 120V: 0.50A, 208V: 0.29A, 240V: 0.25A, 277V: 0.24A

#### Dimming Driver:

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

#### THD:

2.72% at 120V, 8.92% at 277V

#### Power Factor:

99.6% at 120V, 90.4% at 277V

#### Aux Power Supply:

Yes

#### Dim to Off:

Yes

#### Surge Protection:

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

### Construction

#### Cold Weather Starting:

The minimum starting temperature is  $T_a = -40^{\circ}\text{C}$  ( $-40^{\circ}\text{F}$ )

## Technical Specifications (continued)

### Rated Ambient Temperature Range:

-40°C (-40°F) to 40°C (104°F), T Code: T6  
 -40&degC (-40°F) to 56°C (133°F), T Code: T5

### Housing:

Sheet metal

### Lens:

Polycarbonate lens

### 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 ceiling mount and pendant mount kits Recessed mount kit will be sold as an accessory.

## LED Characteristics

### LEDs:

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

### 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.

### Color Consistency:

7-step MacAdam Ellipse binning to achieve consistent fixture-to-fixture color

## Performance

### Lifespan:

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

### Wattage Equivalency:

60W: Replaces up to (5) F32T8 or (9) F17T8 or (8) F14T5

## Sensor Settings

### Default Setting:

Brightness: 100%  
 Hold Time: 20 Minutes  
 Daylight: Disabled  
 Sensitivity: 100%  
 Stand-by Dimming Level: 20%

### Operating Voltage:

12V DC

### Operating Current:

≤25mA

### Output:

Dim/0-10V

### Microwave Frequency:

5.8GHz±75MHz

### Microwave Power:

<0.3mW

### Stand-by Power:

≤0.5W

### Detection Area:

25%/50%/75%/100%

### Hold Time:

5s/30s/1min/3min/5min/10min/20min/30min

### Daylight Threshold:

2Lux/10Lux/30Lux/50Lux/80Lux/120Lux/Disable

### Stand-by Period:

0s/10s/30s/1min/5min/10min/30min/+∞

### Stand-by Dimming Level:

10%/20%/30%/50%

### Operating Temperature:

-20°C~+60°C

### Maximum Mounting Height:

13 ft

### Max Detection Range:

22 ft diameter at 13 ft mounting height

### Motion Detection:

0.5~1.5m/s

### Lux On-Off:

Adopted dual PD technology. GUS17-MVS is able to differentiate artificial light brightness from natural light after installed inside.

## Other

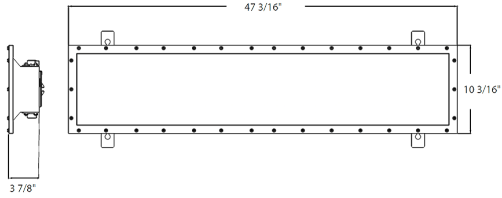
### Warranty:

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](http://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 and UL 844 ratings
- DLC Listed
- 100,000-Hour LED lifespan
- 5-Year, no-compromise warranty

## Ordering Matrix

Family	Size	Wattage	Color Temp	Finish	Mounting	Driver	Options
HAZPAN	1X4	60					/MVS
	2X2 = 2' x 2'	40 = 40W	Blank = 5000K	Blank = Gray	Blank = Pendant/Ceiling Mount	Blank = 120-277V, 0-10V Dimming	Blank = No Option /MVS = Microwave Occupancy Sensor (Internal) /E = Battery Backup
	1X4 = 1' x 4'	60 = 60W					
	2X4 = 2' x 4'	80 = 80W					