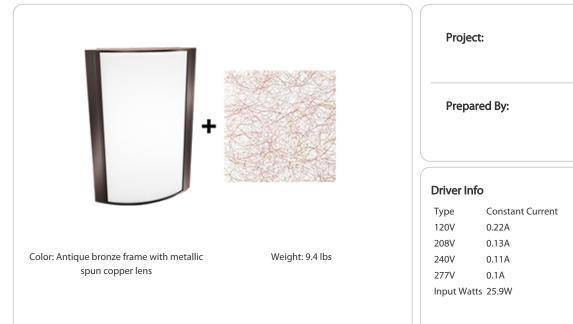
## HALV18L940-MC-A/LC/E2

# RAB



## **Technical Specifications**

### Lightcloud

## Lightcloud Controller Installed:

LCLC/K Fixture, Zone, and plug-load control from one powerful device. Capable of switching, 0-10V dimming, power monitoring. Can also be used to extend the range of the Lightcloud mesh network. Attach to fixture, junction box, or electrical panel. Learn more about Lightcloud.

## Compliance

## UL Listed:

Suitable for damp locations. Recommended for indoor use only.

### ADA Compliant:

Meets ADA Requirements for wall-mounted luminaires.

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

RAB LED luminaires and LED components have been tested by an independent laboratory in accordance with IESNAIm-79 andIm-80

## Performance

## Lifespan:

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

### Wattage Equivalency:

Equivalent to 100W Incandescent

## LED Characteristics

#### LEDs:

Long-life, high-efficacy, surface-mount LEDs; binned and mixed for uniform light output and color

## 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.

### Electrical

#### Driver:

Constant Current, Class 2, 120-277VAC, 50/60Hz, 350mA or 640mA

### **Dimming Driver:**

0 - 10V (at 120-277V), TRIAC and ELV (at 120V only)

## THD:

12.6% at 120V, 16.1% at 277V

#### **Power Factor:** 98.4% at 120V, 94.3% at 277V

Proje	ct:	Type:			
Prepared By:		Date:			
Driver In	ıfo	LED Info			
Туре	Constant Current	Watts	25W		
120V	0.22A	Color Temp	4000K (Neutral)		
208V	0.13A	Color Accuracy	y 91 CRI		
240V	0.11A	R9	63		
277V	0.1A	L70 Lifespan	50,000 Hours		

## Battery Backup:

Battery backup will operate the LED Lamp for 90 minutes if power fails. Wired for 120V-277V.

Lumens Efficacy 400 lm

15.4 lm/W

Battery Backup Light Loss Factor: 0.187

### Construction

## Housing:

Die-cast and extruded aluminum

### Mounting:

Wall mount with junction box included

### Lens:

Acrylic lens with metallic spun copper print. See <u>installation sheet</u> for cleaning instructions.

**Operating Temperature:** -20°C (-4°F) to 40°C (104°F)

## Green Technology:

Mercury and UV free. RoHS-compliant components.

Finish: Luxuriously Electroplated Antique Bronze

Need help? Tech help line: (888) 722-1000 Email: sales@rablighting.com Website: www.rablighting.com Copyright © 2023 RAB Lighting All Rights Reserved Note: Specifications are subject to change at any time without notice

## HALV18L940-MC-A/LC/E2

## **Technical Specifications (continued)**

## 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 <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.

## Dimensions



## HALV18L940-MC-A/LC/E2

## RAB

Ordering Matrix									
Family	Lumen Package	CRI/Color Temp		Lens		Finish	Options		
HALV	18L	940	-	MC	-	А	/LC/E2		
	<b>10L</b> = 1000lm / 14W <sup>1</sup> <b>18L</b> = 1800lm / 25W <sup>1</sup>	940 = 90CRI, 4000K 935 = 90CRI, 3500K 930 = 90CRI, 3000K 927 = 90CRI, 2700K		<ul> <li>F = Frosted (Standard)</li> <li>FG1 = Frosted with Grill Style #1</li> <li>FG2 = Frosted with Grill Style #2</li> <li>FG3 = Frosted with Grill Style #3</li> <li>NL = Natural Leaves</li> <li>GL = Green Leaves</li> <li>TL = Toffee Leaves</li> <li>LW = Linen Hampton White LS = Linen Stone LH = Linen Harbor</li> <li>MS = Metallic Spun Silver</li> <li>MC = Metallic Spun Gold</li> <li>CW = Crush Polar White CS = Crush Sedona</li> <li>MP = Mirage Platinum</li> <li>MA = Mirage Bronze</li> </ul>		W = White K = Black S = Silver A = Antique Bronze SA = Satin Nickel CU = Copper	Blank = No Option /E2 = Battery Backup /MVS = Microwave Occupancy Sensor <sup>2</sup> /BL = Bi-Level Control /LC = Lightcloud® Controller /MVS/E2 = Microwave Occupancy Sensor w/ Battery Backup <sup>2</sup> /BL/E2 = Bi-Level Control w/ Battery Backup /LC/E2 = Lightcloud® Controller w/ Battery Backup		
1	Lumen values are appro	oximations for model.	s with	a standard, frosted lens. Visit ral ² Available only with gril	-	-	based on your specific configuration.		