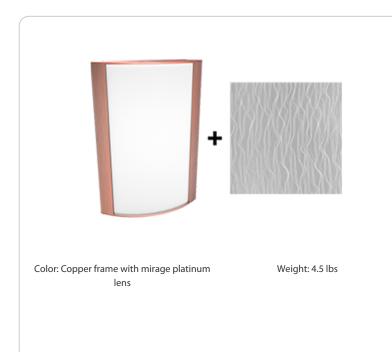
# HALV18L935-MP-CU/LC

# RAB



| <b>Technical Specifications</b> |
|---------------------------------|
|---------------------------------|

## 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     | ect:     | Туре:    |     |
|-----------|----------|----------|-----|
| Prep      | ared By: | Date:    |     |
| Driver Ir | nfo      | LED Info | 25W |

| Туре        | Constant Current | Watts          | 25W          |
|-------------|------------------|----------------|--------------|
| 120V        | 0.22A            | Color Temp     | 3500K (Warm  |
| 208V        | 0.13A            | color remp     | Neutral)     |
| 240V        | 0.11A            | Color Accuracy | 97 CRI       |
| 277V        | 0.1A             | R9             | 95           |
| Input Watts | 25.9W            | L70 Lifespan   | 50,000 Hours |
| 1           |                  | Lumens         | 280 lm       |
|             |                  | Efficacy       | 10.8 lm/W    |

# Battery Backup Light Loss Factor:

0.18

## Construction

Housing: Die-cast and extruded aluminum

#### Mounting:

Wall mount with junction box included

#### Lens:

Acrylic lens with mirage platinum print. See installation sheet 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 Copper

# HALV18L935-MP-CU/LC

# **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



# HALV18L935-MP-CU/LC

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| Ordering Matrix |   |  |  |  |        |         |  |  |  |
|-----------------|---|--|--|--|--------|---------|--|--|--|
| Family          | Lumen Package   | CRI/Color Temp   |  | Lens   | Finish | Options |  |  |  |
| HALV 18L 935 –  |   |  | MP –   | CU   | /LC    |         |  |  |  |
|                 | <b>10L</b> = 1000lm / 14W <sup>1</sup><br><b>18L</b> = 1800lm / 25W <sup>1</sup>  | 940 = 90CRI, 4000K<br>935 = 90CRI, 3500K<br>930 = 90CRI, 3000K<br>927 = 90CRI, 2700K | W = White<br>K = Black<br>S = Silver<br>A = Antique Bronze<br>SA = Satin Nickel<br>CU = Copper | Blank = No Option<br>/E2 = Battery Backup<br>/MVS = Microwave Occupancy Sensor <sup>2</sup><br>/BL = Bi-Level Control<br>/LC = Lightcloud® Controller<br>/MVS/E2 = Microwave Occupancy Sensor w/<br>Battery Backup <sup>2</sup><br>/BL/E2 = Bi-Level Control w/ Battery Backup<br>/LC/E2 = Lightcloud® Controller w/ Battery<br>Backup |        |         |  |  |  |
| 1               | <sup>1</sup> Lumen values are approximations for models with a standard, frosted lens. Visit rablighting.com for exact output based on your specific configuration.<br><sup>2</sup> Available only with grill pattern |  |  |  |        |         |  |  |  |