



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

Driver Info		LED Info	
Type	Constant Current	Watts	20W
120V	0.19A	Color Temp	2700/3000/3500/4000/5000K
208V	0.11A	Color Accuracy	90 CRI
240V	0.09A	L70 Lifespan	50,000 Hours
277V	0.08A	Lumens	1,500 lm
Input Watts	20W	Efficacy	75

### Technical Specifications

<p><b>Performance</b></p> <p><b>Product Type:</b> Flush Mount</p> <p><b>Description:</b> 5-CCT selectable, back-lit LED retrofit fixture. Installs on standard junction boxes. Dimmable models available for 0-10V or TRIAC dimming systems with optional microwave sensor and/or integrated emergency battery backup.</p> <p><b>Wattage Equivalency:</b> 125W Incandescent</p> <p><b>Input Wattage:</b> 20W</p> <p><b>Lumens (Nominal):</b> 1,500lm</p> <p><b>Efficacy:</b> 75lm/W</p> <p><b>Lumens:</b> 1449lm @ 2700K; 1554lm @ 3000K; 1608lm @ 3500K; 1609lm @ 4000K; 1525lm @ 5000K</p> <p><b>Lifespan:</b> 50,000-Hour LED lifespan based on IESlm-70 results</p>	<p><b>Electrical</b></p> <p><b>Driver:</b> Constant Current, Class 2</p> <p><b>THD:</b> &lt;20%</p> <p><b>Power Factor:</b> ≥0.9</p> <p><b>Dimmable:</b> Yes, dimmable down to 10% on compatible TRIAC/ELV dimming systems. See Dimmer Compatibility List.</p> <p><b>Input Voltage:</b> 120-277V</p> <p><b>Operating Frequency:</b> 50/60Hz</p> <p><b>Input Current @ 120V (mA):</b> 185mA</p> <p><b>Input Current @ 208V (mA):</b> 107mA</p> <p><b>Input Current @ 240V (mA):</b> 90mA</p> <p><b>Input Current @ 277V (mA):</b> 78mA</p>	<p><b>Operating Temperature:</b> -4°F to 104°F (-20°C to 40°C)</p> <p><b>Emergency Operation:</b> 90 minutes</p> <p><b>LED Characteristics</b></p> <p><b>Beam Angle:</b> 120°</p> <p><b>Color Temperature:</b> Field adjustable via dip switch 2700/3000/3500/4000/5000K</p> <p><b>Color Accuracy (CRI):</b> 90 CRI</p> <p><b>R9 Value:</b> High color performance with R9 greater than 50</p> <p><b>Color Consistency:</b> &lt;4-step (2700K &amp; 5000K); &lt;7-step (3000K/3500K/4000K) MacAdam Ellipse binning to achieve consistent fixture-to-fixture color</p> <p><b>Color Stability:</b> LED color temperature is warrantied to Shift no more than 200K in color temperature over a 5-year period</p>
---	---	---

## Technical Specifications (continued)

**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.

---

**Installation****Mounting:**

Surface mount

---

**Construction****Size:**

14"

**Shape:**

Round

**Finish:**

White

**Enclosure Material:**

Plastic

**Trim Style:**

Smooth

**Lens Finish:**

Frosted

**Lens:**

Polycarbonate light diffuser distributes light evenly and smoothly for general lighting applications

---

**Compliance****Listings:**

UL Listed

**Environment:**

Suitable for use indoors and outdoors in dry, damp, or wet environments.

**IC Rated:**

No

**Air Tight:**

No

**Certification Model Number:**

DL50151(CRVFAS-14R-20-9CCT-UNVT-W/EMBB)

**California Title 20 Compliant:**

No

**California Title 24 JA8 Compliant:**

Can be used to conform with the requirements of California Title 24 Part 6.

**California Energy Commission (CEC) Status:**

Lawful for Sales in California

**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.

**RoHS:**

Mercury and UV free. RoHS-compliant components.

**FCC:**

Complies with Part 15 of the FCC Rules

---

**Other****Compatible Accessories:**

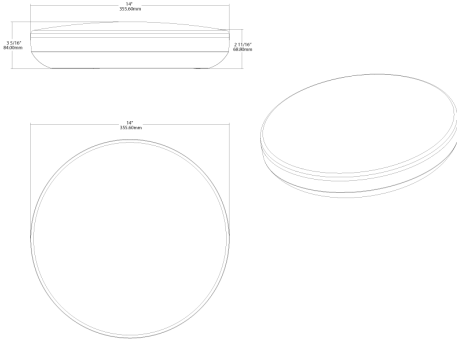
CRVFA-CONVERTIBLE-KIT

Pendant mount kit for CRVFA

**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**

- Surface mount to ceiling or wall
- Field-adjustable "set and forget" color temperature
- Diffused lens provides soft, smooth light
- Ideal for hospitality and multi-family residential applications
- Suitable for wet and damp locations

**Ordering Matrix**

Family	Type	Size	Wattage	CRI/Color Temp	Driver	Finish	Sensor	Battery Backup
CRVFA	S	14	R	20	9CCT	UNVT	W	
	S = Smooth	11 = 11" 19 = 19" 18 = 18" 14 = 14" 12 = 12" R = Round	16 = 16W 20 = 20W 32 = 32W	9CCT = 90 CRI, 2700/3000/3500/4000/5000K CCT Adjustable	UNV = 120-277V, 0-10V Dimming UNVT = 120-277V, TRIAC/ELV	W = White BN = Brushed Nickel	Blank = No Option /MVS = Microwave Occupancy Sensor	Blank = No Option /EM = Emergency Battery Backup /EMBB = Emergency Battery Backup