CW4/MVS/E



Color: Seashell

Weight: 8.9 lbs

Project:	Type:
Prepared By:	Date:

Driver Info

Type	Constant
120V	0.38A/0.28A/0.18A
208V	0.24A/0.19A/0.014A
240V	0.21A/0.16A/0.11A
277V	0.16A/0.13A/0.09A
Input Watts	22.5-45.1W

LED Info

Watts	44/33/22W
Color Temp	3500K/4000K/5000K
Color Accuracy	84-85 CRI
L70 Lifespan	100,000 Hours
Lumens	3,105-6,191 lm
Efficacy	134.8-145.3 lm/W

Technical Specifications

Field Adjustability

Field Adjustable:
Field Adjustable Light Output:
4ft: 40/30/20(factory default 40W)
Color temperature selectable by 3500K, 4000K and 5000K (factory default 4000K)

Compliance

UL Listed:
Suitable for damp 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.

Trade Agreements Act Compliant:
This product is a product of Cambodia and a "designated country" end product that complies with the Trade Agreements Act

DLC Listed:
This product is listed by Design Lights Consortium (DLC) as an ultra-efficient premium product that qualifies for the highest tier of rebates from DLC Member Utilities. Designed to meet DLC 5.1 requirements.
DLC Product Code: S-B8YJDF

Electrical

Driver:
44W: Class P, Constant Current, 120-277V, 50/60 Hz, 120V: 0.38A, 208V: 0.24A, 240V: 0.21A, 277V: 0.16A

33W: Class P, Constant Current, 120-277V, 50/60 Hz, 120V: 0.28A, 208V: 0.19A, 240V: 0.16A, 277V: 0.13A

22W: Class P, Constant Current, 120-277V, 50/60 Hz, 120V: 0.18A, 208V: 0.14A, 240V: 0.11A, 277V: 0.09A

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

THD:
5.82% at 120V, 9.99% at 277V

Power Factor:
99.7% at 120V, 96.2% at 277V

Surge Protection:
DM: 1Kv
CM: 2Kv

Battery Backup:
Battery backup will operate the fixture for 90 minutes if power fails. Wired for 120-277V.

Battery Backup Light Loss Factor:
44W: 0.36
33W: 0.48
22W: 0.72

Performance

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

LED Characteristics

LEDs:
Long-life, high-efficiency, 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.

Construction

Cold Weather Starting:
The minimum starting temperature is 0°C (32°F)

Maximum Ambient Temperature:
Suitable for use in up to 40°C (104°F)

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Technical Specifications (continued)

Housing:
Sustainable, biocomposite resin manufactured with coffee chaff, waste seashells, and recycled plastic.

Reflector:
Refractive Lens

Lens:
Diffused Polymethyl Methacrylate (PMMA)

Mounting:
Surface mount and VHOOKs standard. Fixtures designed for end to end connection. Through wiring kit not included.

Finish:
Naturally occurring, beige, speckled pattern

Green Technology:
Mercury free. Made with RoHS-compliant components and biorenewable components.

Sensor Specifications

Operating Voltage:
DC Input: 10.5-15V
Current>50mA

Operating Temperature:
Ta: -31° F (-35° C)* ~ +122° F(+50° C)

Sensor Warranty:
5-year sensor warranty

Sensitivity Setting:
25%/50%/75%/100%

Standby Period:
0s/10s/30s/1min/5min/10min/30min/60min/+∞

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

Hold Time:
5s/30s/1min/3min/5min/10min/20min/30min

Standby Dimming:
10%/20%/30%/50%

Detection Angle:
30° to 150° without glass cover

Detection Distance:
Radius 9.84-22.96ft(3-7m)

Mounting Height:
Max 49ft.(15m)

Remote Control:
Adjust settings using remote control (catalog# MSR1). Only available with 0-10V dimming driver options. Remote control available here.

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.

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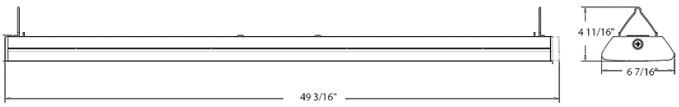
Dimensions



Features

Affordable, easy to use LED wrap fixture

0-10V dimming, standard

100,000-Hour LED lifespan

Ordering Matrix

Family	Size (Wattages)	Color Temp	Finish	Voltage	Options
CW	4				/MVS/E
	2 = 2 ft (22/17/11W) **4 =** 4 ft (44/33/22W)	**Blank =** 3500K/4000K/5000K CCT Adjustable	**Blank =** Seashell	**Blank =** 120-277V, 0-10V Dimming	**Blank =** No Option **/E =** Battery Backup **/MVS =** Microwave Occupancy Sensor **/MVS/E =** Microwave Occupancy Sensor w/Battery Backup

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