

C-WRAP Field-Adjustable Wrap



CW2



CW4



PROJECT:

DATE:

TYPE:

PREPARED BY:



KEY FEATURES

- Field-adjustable wattages:
2 Ft: 22/17/11W (3,000/2,250/1,500lm)
4 Ft: 44/33/22W (6,000/4,500/3,000lm)
- Field-adjustable CCT: 3500/4000/5000K
- Microwave **occupancy sensor** battery backup options available.
- UL Listed for **damp** locations
- 0-10V dimming
- 5-Year, no compromise warranty

Field-Adjustable, LED Wrap



0-10V



100,000
HOURS



EASY INSTALL



FIELD
ADJUSTABLE



DAMP
RATED

TECHNICAL SPECIFICATIONS

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

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.

MODEL#	DLC PRODUCT ID
CW4	S-B8YJDF

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.

MODEL#	DLC PRODUCT ID
CW2	S-VRQUXD

CONSTRUCTION

Cold Weather Starting

The minimum starting temperature is -20°C (-4°F)

Cold Weather Starting for battery back-up

The minimum starting temperature is 0°C (32°F)

Maximum Ambient Temperature

Suitable for use in up to 40°C (104°F)

Maximum Ambient Temperature for battery back-up

Suitable for use in up to 40°C (104°F)

Mounting

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

Housing

Sustainable/Bioplastic

Lens

Polymethyl methacrylate

Finish

Formulated for high durability and long-lasting color

Green Technology

Mercury and UV free. RoHS-compliant components.

TECHNICAL SPECIFICATIONS

LED CHARACTERISTICS

LEDs

Long-life, high-efficacy, discrete, 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.

PERFORMANCE

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

FIELD ADJUSTABLE

Field Adjustable Light Output:

CW2: 22W/17W/11W (factory default 22W)

CW4: 44W/33W/22W (factory default 45W)

Color temperature selectable by 3500K, 4000K and 5000K (factory default 4000K)

ELECTRICAL

Drivers:

Constant Current, Class 2, Class P, 120-277V, 50/60 Hz,

CW2 22W: 120V: 0.20A, 208V: 0.11A, 240V: 0.10A, 277V: 0.09A

CW2 17W: 120V: 0.15A, 208V: 0.10A, 240V: 0.08A, 277V: 0.07A

CW2 11W: 120V: 0.10A, 208V: 0.07A, 240V: 0.06A, 277V: 0.05A

CW4 44W: 120V: 0.38A, 208V: 0.24A, 240V: 0.21A, 277V: 0.16A

CW4 33W: 120V: 0.28A, 208V: 0.19A, 240V: 0.16A, 277V: 0.11A

CW4 22W: 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:

CW2: 1.29% at 120V, 9.10% at 277V

CW4: 5.82% at 120V, 9.99% at 277V

Power Factor:

CW2: 99.8% at 120V, 96.6% at 277V

CW4: 99.7% at 120V, 96.2% at 277V

Surge Protection

DM: 1 kV

CM: 2 kV

Battery Backup:

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

Battery Backup Light Loss Factor:

CW2:

22W: 0.39

17W: 0.52

11W: 0.78

CW4:

44W: 0.36

33W: 0.48

22W: 0.72

MICROWAVE OCCUPANCY SENSOR (OPTIONAL)

- 12VDC Input, IC Solution
- On/off control
- Operating Voltage: 10-15V
- Detection Area: 25%/50%/75%/100%
- Microwave Frequency: 5.8GHz \pm 75MHz
- Hold Time: 5 sec/30 sec/1 min/10 min/20 min/30 min
- Microwave Power: <0.3mW
- Switching Capacity: <40mA
- Daylight Threshold: 2Lux/10Lux/30Lux/50Lux/80Lux/120Lux/Disable
- Mounting Height: 2.5 - 4.5 m/8.2 - 14.76 ft
- Operating Current: < 30mA
- Stand-by Period: 0 sec/10 sec/30 sec/1 min/5 min/10 min/+ ∞
- Detection Range: 3 - 7 m/ 9.84 - 22.96 Ft
- Control Method: 0-10V
- Stand-by Dimming Level: 10%/20%/30%/50%
- Detection Angle: 360° (Ceiling Mounted)
- Operating Temperature: -35°C to 70°C

Factory Default Setting:

- Detection area 100%
- Hold time 20 Minutes
- Daylight threshold Disable
- Sensitivity: 100%
- Stand-by period 1 Minute
- Stand-by dimming level 20%.

OTHER

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.

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.

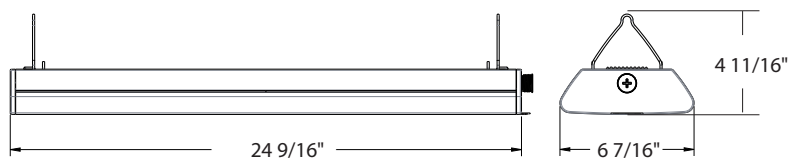
C-WRAP Field-Adjustable Wrap



DIMENSIONS

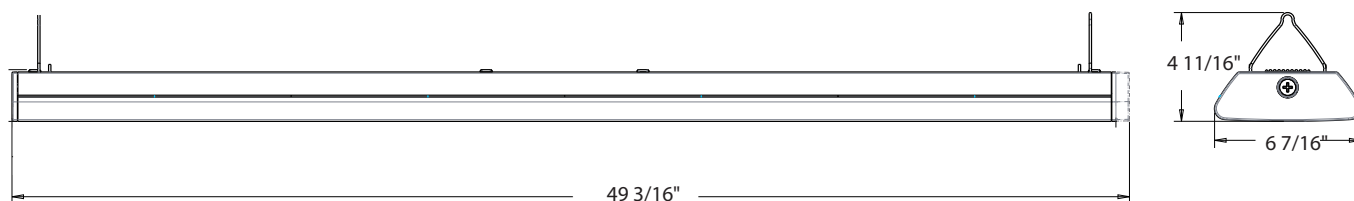
CW2

Weight: 5.3 Lbs



CW4

Weight: 8.9 Lbs



PERFORMANCE

CW2	3500K	4000K	5000K	3500K	4000K	5000K	3500K	4000K	5000K
WATTAGE	22W			17W			11W		
INPUT WATTS	23.2W	22.8W	23.4W	17.5W	17.2W	17.6W	11.9W	11.8W	12W
LUMENS	3,027	3,040	3,001	2,303	2,291	2,250	1,550	1,522	1,503
EFFICACY (LM/W)	130.5	133.3	128.2	131.6	133.2	127.8	130.3	129.0	125.3
CRI	84	86	84	84	86	84	84	85	84
VOLTAGE RATINGS	120-277V								

CW4	3500K	4000K	5000K	3500K	4000K	5000K	3500K	4000K	5000K
WATTAGE	44W			33W			22W		
INPUT WATTS	44.7W	43.7W	45.1W	32.9W	32.4W	33.3W	22.7W	22.5W	22.9W
LUMENS	6,169	6,191	6,080	4,713	4,709	4,633	3,196	3,149	3,105
EFFICACY (LM/W)	138.0	141.7	134.8	143.3	145.3	139.1	140.8	140.0	135.6
CRI	84	85	84	84	85	84	84	85	84
VOLTAGE RATINGS	120-277V								

C-WRAP Field-Adjustable Wrap



ORDERING MATRIX

C-WRAP Field-Adjustable, LED Wrap

Family	Size/Wattages/Lumens	Color Temperature	Finish	Voltage	Options
CW					
	22 Feet (22/17/11W) ¹ (3000/2250/1500LM)	BLANK 3500/4000/5000K ³	BLANK Sustainable Materials & Finish	BLANK 120-277V, 0-10V Dimming	BLANK /E /MVS /MVS/E
	4 Feet (45/33/22W) ² (3000/2250/1500LM)				No Option Battery Backup Microwave Occupancy Sensor Microwave Occupancy Sensor w//Battery Backup

1 Factory default 22W
2 Factory default 45W
3 Factory default: 4000K