

C-STRIP Sustainable, Field-Adjustable Strip Light



4 Ft



8 Ft



PROJECT: _____

DATE: _____

TYPE: _____

PREPARED BY: _____



KEY FEATURES

- Available models in 2 sizes with field-adjustable wattages:
CS4: 4 ft (36/27/18W)
CS8: 8 ft (88/64/42W)
- Field-adjustable CCT: 3500/4000/5000K
- Available with **smart controls**. Multi-sensor remote sold separately
- Standard **J-Box adapter**. **V-hooks** are optional accessory for suspended mounting and **Joiner Kit** available for daisy chain use.
- UL Listed for **damp** locations
- 0-10V dimming
- 5-Year, limited warranty

Sustainable, Field-Adjustable Strip Light



0-10V



BIORENEWABLE MATERIALS



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 ID	PRIMARY USE
CS4	S-J4GC14	Low-Bay Luminaires for commercial & Industrial Buildings
CS8	S-S98R2B	High-Bay Luminaires for commercial & Industrial Buildings

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 ID	PRIMARY USE
CS4	S-LM3YLG	Direct Linear Ambient Luminaires
CS8	S-P7PZWS	Direct Linear Ambient Luminaires

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 50°C (122°F)

Maximum Ambient Temperature for battery back-up

Suitable for use in up to 50°C (122°F)

Mounting

Jbox mounting, surface mount and suspended mounting using Vhooks (ordered separately)

Housing

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

Lens

Acrylic

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

ELECTRICAL

Drivers:

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

CS4 (100% Power / 36W): 120V: 0.31A, 208V: 0.18A, 240V: 0.15A, 277V: 0.13A

CS4 (75% Power / 27W): 120V: 0.22A, 208V: 0.13A, 240V: 0.12A, 277V: 0.10A

CS4 (50% Power / 18W): 120V: 0.15A, 208V: 0.09A, 240V: 0.08A, 277V: 0.07A

CS8 (100% Power / 88W): 120V: 0.75A, 208V: 0.43A, 240V: 0.37A, 277V: 0.32A

CS8 (75% Power / 64W): 120V: 0.54A, 208V: 0.31A, 240V: 0.27A, 277V: 0.24A

CS8 (50% Power / 42W): 120V: 0.37A, 208V: 0.21A, 240V: 0.18A, 277V: 0.17A

Dimming Driver:

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

THD:

CS4 (100% Power / 36W): 4.61% at 120V, 10.91% at 277V

CS8 (100% Power / 88W): 5.93% at 120V, 11.83% at 277V

Power Factor:

CS4 (100% Power / 36W): 99.8% at 120V, 97.9% at 277V

CS8 (100% Power / 88W): 99.6% at 120V, 96.9% at 277V

Surge Protection

L-N 1KV, L/N-G 2KV

Battery Backup Light Loss Factor:

CS4:

100% Power / 36W: 0.29

75% Power / 27W: 0.39

50% Power / 8W: 0.58

CS8:

100% Power / 88W: 0.27

75% Power / 64W: 0.36

50% Power / 42W: 0.54

Note: All values are typical (tolerance +/- 10%)

FACTORY DEFAULT SETTINGS

MODEL#	POWER OUTPUT	DEFAULT COLOR TEMPERATURE
CS4	100% (36W)	4000K
CS8	100% (88W)	4000K

LIGHTCLOUD BLUE

Lightcloud Blue-enabled

Lightcloud Blue (LCB) is a Bluetooth Mesh wireless lighting control system that allows you to control RAB's various compatible devices. With RAB's patented Rapid Provisioning technology, devices can be quickly and easily commissioned for residential and large commercial applications using the Lightcloud Blue mobile app. Each device in a system can communicate with any other device, eliminating the need for a Gateway or Hub and maximizing the control system's reach. DLC system - N1XMLOEATBA (Interior); NHCZ2BIA17L (Exterior)

Learn more at <http://www.lightcloud.com>

OCCUPANCY SENSORS

Sensor Type: Passive Infrared (PIR) or Microwave (MVS)

Sensor Mounting: Externally mounted to fixture using Right Angle Arm Support (RAAS).

Integrated Sensor Model Number(s): /MVS uses MVS50+RAAS; /LCBS uses PIR40/LCB + RAAS.

Input Voltage: 12VDC

Operating Frequency: 50/60Hz

Input Current: 30mA

Operating Temperature: -40°F to 140°F (-20°C to 60°C)

Max Mounting Height: 40 ft. (PIR); 50 ft (MVS)

Detection Range: PIR: 40 ft diameter mounted at 40 ft.; MVS: 50 ft diameter mounted at 50

Daylight Sensing: The sensor will determine to trigger the light(s) on or not based on the daylight threshold level set.

Default Settings:

Motion Sensitivity: High

Brightness when triggered : 100%

Hold time: 20 minutes

Standby to dim: 20%

Standby time: 1 minute

When vacant: Off

Daylight: Disabled

Adjustable Settings: Settings for Lightcloud Blue-enabled sensors can be adjusted using the mobile app. All other sensors will require MSR1 Remote (sold separately) to adjust the following sensor settings:

Standby to dim: 10%/20%/30%/50%

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

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

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

The RAB 5-year, limited warranty covers light output, driver performance and paint finish. RAB's warranty is subject to all terms and conditions found at rablighting.com/warranty.

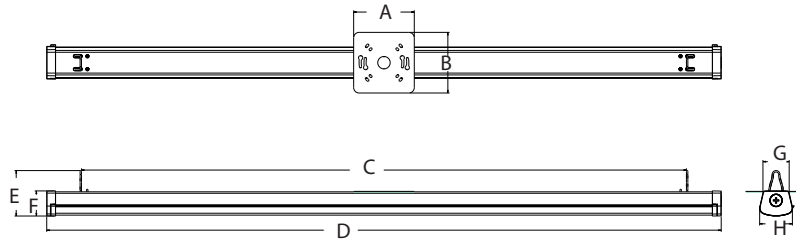
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DIMENSIONS

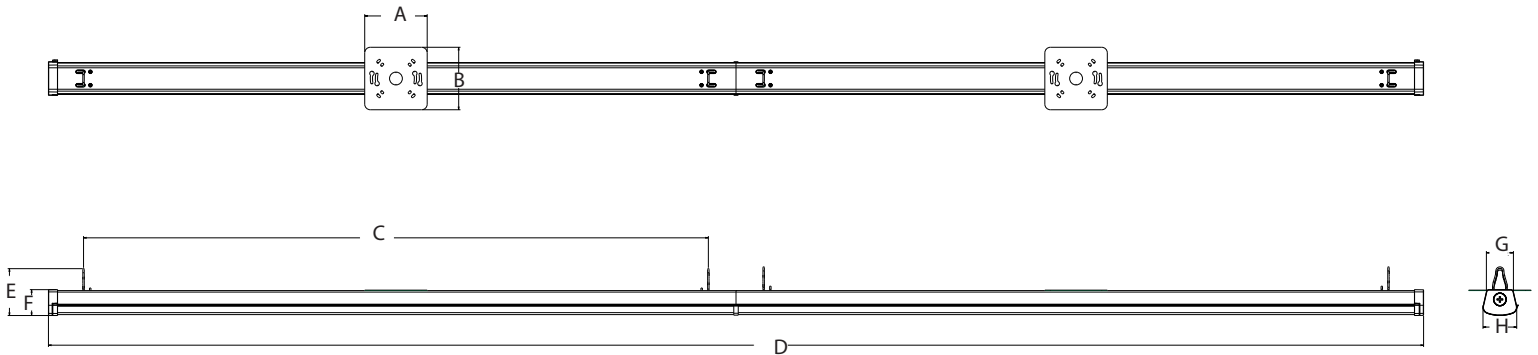
CS4

Weight: 3.7 lbs



CS8

Weight: 7.8 lbs



MODEL#	A	B	c	D	E	F	G	H
CS4	4 7/16"	4 7/16"	3' 8"	4' 1/16"	3 5/16"	1 13/16"	1 15/16"	2 3/8"
CS8	4 7/16"	4 7/16"	3' 8 1/8"	8' 1/16"	3 5/16"	1 13/16"	1 15/16"	2 3/8"

ACCESSORIES

IMAGE	SKU#	UPC	DESCRIPTION
	MSR1	192552026055	MULTI-SENSOR REMOTE CONTROL IP20

