



Color: Seashell

Weight: 3.8 lbs

Project:

Type:

Prepared By:

Date:

Driver Info

LED Info

Type	Constant Current	Watts	36/27/18W
120V	0.31A/0.22A/0.15A	Color Temp	3500/4000/5000K
208V	0.18A/0.13A/0.09A	Color Accuracy	84-86 CRI
240V	0.15A/0.12A/0.08A	L70 Lifespan	100,000 Hours
277V	0.13A/0.10A/0.07A	Lumens	2,748-5,487 lm
Input Watts	17.7-36.5W	Efficacy	145.6-157.2 lm/W

Technical Specifications

Field Adjustability

Field Adjustable:

Field Adjustable Light Output:
4 ft: 36W/27W/18W (factory default 36W)
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.

DLC Listed:

This product family is listed with the DesignLights Consortium (DLC). Individual SKUs within this family may carry either a DLC Standard or DLC Premium qualification. Please refer to the individual product specification sheet or the DLC Qualified Products List (QPL) at designlights.org to confirm the qualification status of a specific SKU prior to specification or purchase.

Electrical

Driver:

36W: Constant Current, Class 2, 120-277V, 50/60 Hz, 120V: 0.31A, 208V: 0.18A, 240V: 0.15A, 277V: 0.13A
27W: Constant Current, Class 2, 120-277V, 50/60 Hz, 120V: 0.22A, 208V: 0.13A, 240V: 0.12A, 277V: 0.10A
18W: Constant Current, Class 2, 120-277V, 50/60 Hz, 120V: 0.15A, 208V: 0.09A, 240V: 0.08A, 277V: 0.07A

Dimming Driver:

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

THD:

5.93% at 120V, 11.83% at 277V

Power Factor:

99.6% at 120V, 96.9% at 277V

Surge Protection:

DM: 1 kV
CM: 2 kV

Battery Backup:

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

Battery Backup Light Loss Factor:

36W: 0.29
27W: 0.39
18W: 0.58

Performance

Lifespan:

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

Wattage Equivalency:

36W: Replaces up to (2) F32T8
27W: Replaces up to (2) F32T8
18W: Replaces up to (1) F32T8

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

Maximum Ambient Temperature:

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

Technical Specifications (continued)

Housing:

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

Lens:

Acrylic lens

Finish:

Naturally occurring, beige, speckled pattern

Green Technology:

Mercury free. Made with RoHS-compliant components and biorenewable components.

Installation

Mounting:

Surface and suspended mount standard. End-to-end connections require conduit wiring.

Optical

BUG Rating:

CS4 100%: B2 U3 G1

CS4 75%: B2 U3 G1

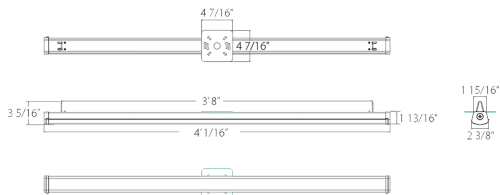
CS4 50%: B1 U2 G1

Other

5-Year Limited 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.

Dimensions



Features

0-10V Dimming, standard

100,000-hour LED lifespan

5-Year, limited warranty

Ordering Matrix

Family	Size/Wattage	Color Temp	Finish	Driver	Options
CS	4				/E
	4 = 4' (36/27/18W) 8 = 8' (88/64/42W)	Blank = 3500/4000/5000K	Blank = Seashell	Blank = 120-277V, 0-10V	Blank = No Option /E = Battery Backup /MVS = Microwave Occupancy Sensor /LCB = Lightcloud Blue /LCBS = Lightcloud Blue w/PIR Sensor