

SEAL Field-Adjustable, Linear Washdown



SEAL2



SEAL4



SEAL8



PROJECT:

DATE:

TYPE:

PREPARED BY:



KEY FEATURES

- Field-adjustable wattages: SEAL2 (25/20/15W), SEAL4 (50/40/30W) and SEAL8 (100/80/60W)
- Field-adjustable CCT: 5000K/4000K/3500K
- UL listed for wet locations
- IP66 Rated
- NSF rated for use in food preparation facilities
- Available with PIR or MVS sensor. **Multi-sensor** remote sold separately
- Available with **Lightcloud Blue-enabled** PIR or MVS sensor
- Accessories available for mounting to **corners** or **junction boxes**

Field-adjustable, Linear Washdown



FIELD ADJ.



100,000
HOURS



IP RATING



WET RATED

TECHNICAL SPECIFICATIONS

CONSTRUCTION

Cold Weather Starting

The minimum starting temperature is -40°C (-40°F)

Maximum Ambient Temperature

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

IP Rating

Ingress protection rating of IP66 for dust and water

Lens

Diffuse polycarbonate lens for low glare and maximum protection

Reflector

Cold-rolled steel

Gaskets

High-temperature silicone gaskets

Mounting

Quick-mount, stainless steel snap on brackets supplied for surface mounting. V-Hook brackets supplied for suspended mounting..

Housing

Impact-resistant polycarbonate* with stainless steel door clips. 1/2" NPS opening for conduit and bushing/cord entry.

**Polycarbonate is affected by cleaning agents or other liquids containing partial solvents such as low molecular weight aldehydes and ethers, ketones, esters, aromatic hydrocarbons and perchlorinated hydrocarbons.*

Installation

Tether cables are provided for easy installation. Quick connector may be used for quick and easy wiring.

Green Technology

Mercury and UV free. RoHs-compliant components

Finish

Formulated for high durability and long-lasting color

COMPLIANCE

UL Listed

Suitable for wet locations

UL 94

5VA flame classification

FCC

Complies with Part 15 of the FCC Rules

NSF

NSF Certified by Public Health and Safety

NEMA Rating

4X, protected against corrosion

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.

SEAL2 : DLC Product Code: S-2WR1TU

SEAL4 : DLC Product Code: S-5HVM3O

SEAL8 : DLC Product Code: S-PEIZB4

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TECHNICAL SPECIFICATIONS

ELECTRICAL

Drivers:

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

SEAL2 (25/20/15W): 120V: 0.23A, 208V: 0.13A, 240V: 0.12A, 277V: 0.10A

SEAL4 (50/40/30W): 120V: 0.46A, 208V: 0.26A, 240V: 0.24A, 277V: 0.20A

SEAL8 (100/80/60W): 120V: 0.92A, 208V: 0.53A, 240V: 0.46A, 277V: 0.40A

Dimming Driver:

Driver includes dimming control wiring for 0-10V dimming systems.

Requires separate 0-10V DC dimming circuit. Dims down to 10%

THD:

SEAL2 (25/20/15W): 3.55% at 120V, 4.59% at 277V

SEAL4 (50/40/30W): 3.53% at 120V, 4.35% at 277V

SEAL8 (100/80/60W): 4.87% at 120V, 11.74% at 277V

Power Factor:

SEAL2 (25/20/15W): 99.9% at 120V, 97.74% at 277V

SEAL4 (50/40/30W): 99.90% at 120V, 96.98% at 277V

SEAL8 (100/80/60W): 99.93% at 120V, 95.36% at 277V

Surge Protection

2.5kV

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.

OTHER

Buy American Act Compliance:

RAB values USA manufacturing! Upon request, RAB may be able to assist with the BUY American Act. 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](https://www.rablighting.com/warranty).

PERFORMANCE

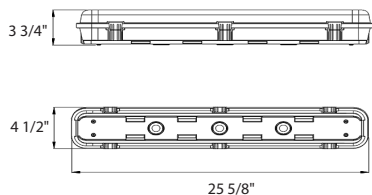
Lifespan

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

DIMENSIONS

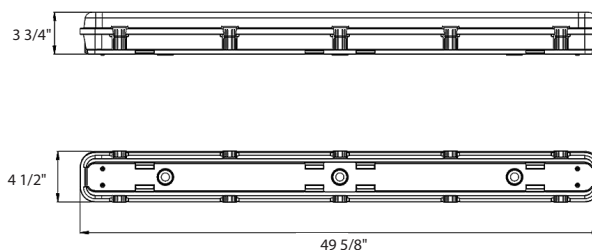
SEAL2 (25/20/15W)

Weight: 4.0 lbs



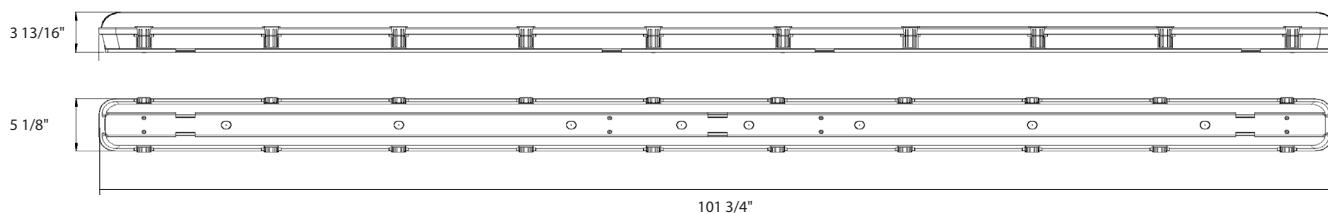
SEAL4 (50/40/30W)

Weight: 6.5 lbs



SEAL8 (100/80/60W)

Weight: 14.9 lbs



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ACCESSORIES

IMAGE	SKU#	UPC	DESCRIPTION
	PIR40/LCB	192552014151	LCB LOW VOLTAGE CONTROLLER WITH PIR SENSOR FOR HIGH BAY
	MVS50/LCB	192552026062	LCB LOW VOLTAGE CONTROLLER WITH MVS SENSOR FOR HIGH BAY
	RAAS	192552014175	BRACKET FOR CONNECT LCB LOW VOLTAGE CONTROLLER WITH HIGH BAY
	MSR1	192552026055	MULTI-SENSOR REMOTE CONTROL IP20

PERFORMANCE

SEAL2	5000K	4000K	3500K	5000K	4000K	3500K	5000K	4000K	3500K
WATTAGE	15W	15W	15W	20W	20W	20W	25W	25W	25W
LUMENS	2,070	2,130	2,040	2,700	2,780	2,660	3,300	3,400	3,250
LM/W	138	142	136	135	139	133	132	136	130
CRI	80	80	80	80	80	80	80	80	80
VOLTAGE	120-277V								

SEAL4	5000K	4000K	3500K	5000K	4000K	3500K	5000K	4000K	3500K
WATTAGE	30W	30W	30W	40W	40W	40W	50W	50W	50W
LUMENS	4,140	4,260	4,080	5,400	5,560	5,320	6,000	6,800	6,500
LM/W	138	142	135	135	139	144	132	136	130
CRI	80	80	80	80	80	80	80	80	80
VOLTAGE	120-277V								

SEAL8	5000K	4000K	3500K	5000K	4000K	3500K	5000K	4000K	3500K
WATTAGE	60W	60W	60W	80W	80W	80W	100W	100W	100W
LUMENS	8,340	8,580	8,770	10,800	11,120	10,640	13,300	13,700	13,100
LM/W	139	143	137	135	139	133	133	137	131
CRI	80	80	80	80	80	80	80	80	80
VOLTAGE	120-277V								

ORDERING MATRIX

SEAL

Family	Length/Wattage	Color Temp	Finish	Voltage	Options
SEAL					
2	2 ft. 25W/20W/15W	BLANK	5000K/4000K/3500K	BLANK	No Option
4	4 ft. 50W/40W/30W		Gray	0-10V Dimming, 120-277V	/PIR Passive Infrared Occupancy Sensor
8	8 ft. 100W/80W/60W				/MVS Microwave Occupancy Sensor
					/E Battery Backup
					/LCBS Lightcloud Blue Infrared Sensor
					/LCBS/MVS Lightcloud Blue Microwave Occupancy Sensor
					/MVS/E Microwave Occupancy Sensor w/ Battery Backup
					/PIR/E Passive Infrared Occupancy Sensor w/ Battery Backup
					/LCBS/E Lightcloud Blue PIR Sensor w/ Battery Backup
					/LCBS/MVS/E Lightcloud Blue Microwave Occupancy Sensor w/ Battery Backup