# SEAL2/LCBS

**RAB®**

Color: Gray                    Weight: 4.0 lbs

| Project: | Type: |
|---|---|
| Prepared By: | Date: |

## Driver Info

| | |
|---|---|
| Type | Constant Current |
| 120V | 0.23A |
| 208V | 0.13A |
| 240V | 0.12A |
| 277V | 0.10A |
| Input Watts | 25/20/15W |

## LED Info

| | |
|---|---|
| Watts | 25W |
| Color Temp | 3500K/4000K/5000K |
| Color Accuracy | 80 CRI |
| L70 Lifespan | 100,000 Hours |
| Lumens | 2040-3400 |
| Efficacy | 130-142 lm/W |

## Technical Specifications

### 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.
DLC Product Code: S-2WR1TU

### Electrical

**Driver:**

Constant Current, Class 2, 120-277V, 50/60Hz, 120V: 0.23A, 208V:0.13A, 240V: 0.12A, 277V 0.10A

**Dimming Driver:**

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

**THD:**

3.55% at 120V, 4.59% at 277V

**Power Factor:**

99.9% at 120V, 97.74% at 277V

**Surge Protection:**

2.5kV

### LED Characteristics

**LEDs:**

Long-life, high-efficacy, 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.

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## Technical Specifications (continued)

### Performance

#### Lifespan:

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

### Construction

#### IP Rating:

Ingress protection rating of IP66 for dust and water

#### 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. Click here for a detailed list of damaging chemicals.

#### Mounting:

Quick-mount, stainless steel snap on brackets supplied for surface mounting. V-Hook brackets supplied standard for suspending the fixture.

#### Lens:

Diffuse polycarbonate lens for low glare and maximum protection

#### Reflector:

Cold-rolled steel

#### Gaskets:

High-temperature silicone gaskets

#### 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)

#### 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

### Lightcloud

#### Lightcloud Blue Sensor Installed:

Occupancy, vacancy, and closed loop daylight harvesting in one versatile sensor. In addition control any fixture in your Lightcloud Blue integrated/embedded networked lighting luminaire-level control system. LLLC - capable of switching, 0-10V dimming, power/energy monitoring. Can also be used to extend the range of the Lightcloud Blue utilizing a "BLE Mesh" network communication protocols. The Lightcloud Blue sensor can be attached to the fixture provided an unobstructed view of the coverage area is available. DLC system - N1XMLOEATBA
Learn more about Lightcloud.

### Other

#### 5 Yr 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.
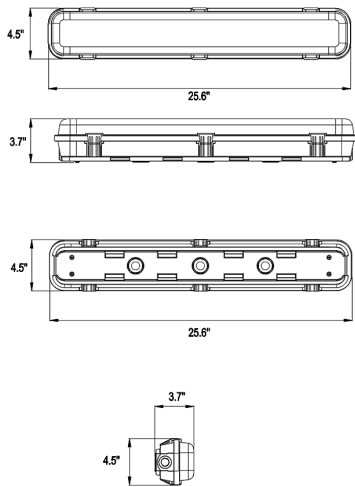
#### Buy American Act Compliance:

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.

#### Equivalency:

Equivalent to (2) F32T8 or (3) F17T8

## Dimensions



## Features

- 100,000-Hour LED lifespan
- DLC Premium Listed
- 0-10V dimming standard
- 5-Year, limited warranty

**RAB**

## Ordering Matrix

| Family | Length/Wattage | Color Temp | Finish | Voltage | Options |
|--------|----------------|------------|--------|---------|---------|
| SEAL | 2 | | | | /LCBS |

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

Need help? Tech help line: **(888) 722-1000** Email: **sales@rablighting.com** Website: **www.rablighting.com**

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