

# SEAL Field-Adjustable, Linear Washdown

SEAL2



SEAL4



SEAL8



## Field-adjustable, Linear Washdown



FIELD ADJ.



100,000 HOURS



IP RATING



WET RATED

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

Available with Lightcloud Blue-enabled PIR or MVS sensor

Accessories available for mounting to corners or junction boxes

## 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

# SEAL Field-Adjustable, Linear Washdown

## 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: 0.23A, 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 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](http://rablighting.com/warranty).

### PERFORMANCE

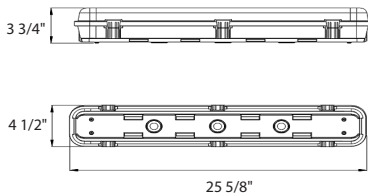
#### Lifespan

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

## DIMENSIONS

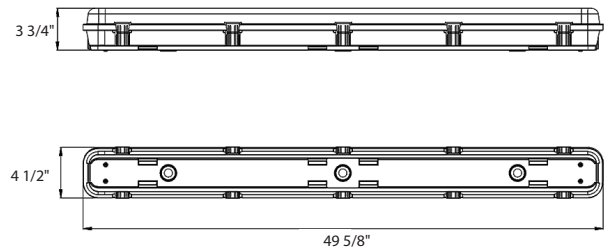
### SEAL2 (25/20/15W)

Weight: 4.0 lbs



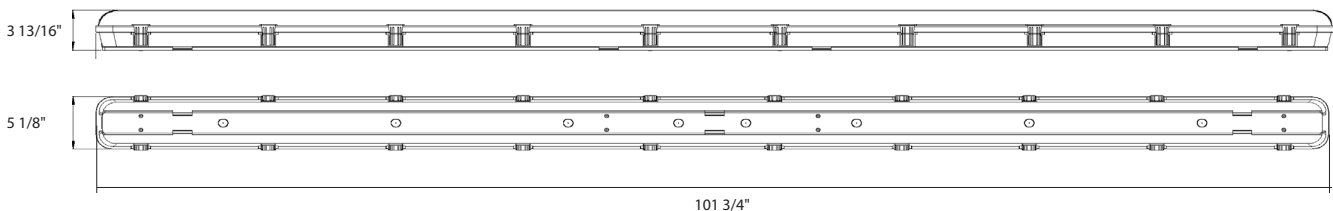
### SEAL4 (50/40/30W)

Weight: 6.5 lbs






### SEAL8 (100/80/60W)

Weight: 14.9 lbs



# SEAL Field-Adjustable, Linear Washdown

## 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 |

## 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   |
|-------------|--------------------|--------------|-------------------|-------------------------|---|
| <b>SEAL</b> |                    |              |                   |                         |   |
| 2           | 2 ft. 25W/20W/15W  | <b>BLANK</b> | 5000K/4000K/3500K | <b>BLANK</b>            | Gray  |
| 4           | 4 ft. 50W/40W/30W  |              |                   |                         |   |
| 8           | 8 ft. 100W/80W/60W |              |                   |                         |   |
|             |                    |              |                   | 0-10V Dimming, 120-277V | <b>BLANK</b><br>No Option<br>/PIR Passive Infrared Occupancy Sensor<br>/MVS Microwave Occupancy Sensor<br>/E Battery Backup<br>/LCBS Lightcloud Blue Infrared Sensor<br>/LCBS/MVS Lightcloud Blue Microwave Occupancy Sensor<br>/MVS/E Microwave Occupancy Sensor w/ Battery Backup<br>/PIR/E Passive Infrared Occupancy Sensor w/ Battery Backup<br>/LCBS/E Lightcloud Blue PIR Sensor w/ Battery Backup<br>/LCBS/MVS/E Lightcloud Blue Microwave Occupancy Sensor w/ Battery Backup |