

# SEAL4-50N/D10/LC



|                     |              |
|---------------------|--------------|
| <b>Project:</b>     | <b>Type:</b> |
| <b>Prepared By:</b> | <b>Date:</b> |

| <b>Driver Info</b> |                  | <b>LED Info</b> |         |
|--------------------|------------------|-----------------|---------|
| Type:              | Constant Current | Watts:          | 50W     |
| 120V:              | 0.44A            | Color Temp:     | 4000K   |
| 208V:              | 0.26A            | Color Accuracy: | 84 CRI  |
| 240V:              | 0.23A            | L70 Lifespan:   | 50000   |
| 277V:              | 0.19A            | Lumens:         | 5718    |
| Input Watts:       | 48W              | Efficacy:       | 118 LPW |
| Efficiency:        | N/A              |                 |         |

## Technical Specifications

### Lightcloud

#### Lightcloud Controller Installed:

Lightcloud is a commercial wireless lighting control system and service fully developed and supported by RAB. It's powerful and flexible, yet easy to use and install.

### Listings

#### UL Listing:

Suitable for wet locations.

#### IESNA LM-79 & LM-80 Testing:

RAB LED luminaires have been tested by an independent laboratory in accordance with IESNA LM-79 and LM-80, and have received the Department of Energy "Lighting Facts" label.

#### DLC Listed:

This product is on the Design Lights Consortium (DLC) Qualified Products List and is eligible for rebates from DLC Member Utilities.  
DLC Product Code: P5AQEEXS

### Electrical

#### Driver:

Constant Current, Class 2, 120-277V, 50/60Hz, 120V: 0.44A, 208V: 0.26A, 240V: 0.23A, 277V: 0.19A

#### Dimming Driver:

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

#### THD:

8.6% at 120V, 11.6% at 277V

#### Power Factor:

99.5% at 120V, 97.2% at 277V

### LED Characteristics

#### LEDs:

Long-life, high-efficiency surface mounting LEDs

#### Lifespan:

50,000-hour LED lifespan based on IES LM-80 results and TM-21 calculations.

#### Color Stability:

LED color temperature is warranted to shift no more than 200K in CCT over a 5 year period.

#### Color Uniformity:

RAB's range of CCT (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

#### IP Rating:

Ingress Protection rating of IP65 for dust and water (suitable for damp locations only when installed with Lightcloud Sensor).

#### Housing:

Impact-resistant polycarbonate with stainless steel door clips. 1/2" opening/ drill out (drill out by customer) for conduit and bushing/cord entry.

#### 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

#### Gaskets:

High temperature silicone gaskets.

#### Cold Weather Starting:

The minimum starting temperature is -20°C (-4°F)

#### Maximum Ambient Temperature:

Suitable for use in 40°C (104°F) ambient temperatures

#### 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. Polyester powder coat finish formulated without the use of VOC or toxic heavy metals.

#### Finish:

Formulated for high-durability and long lasting color.

### Other

#### Replacement:

Replaces 32W 2 lamp T8

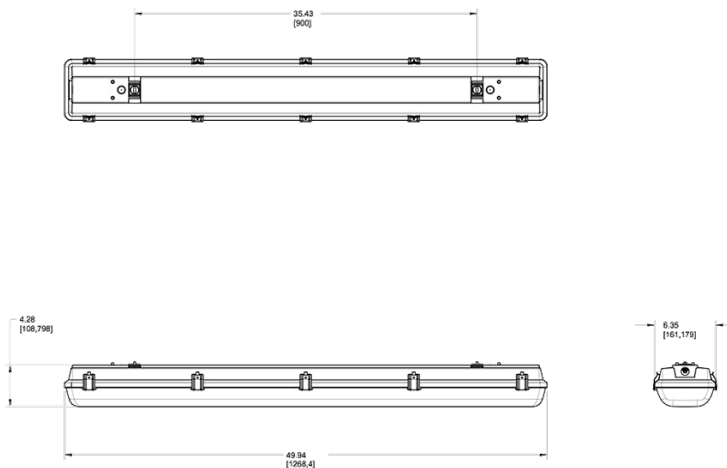
#### 5 Yr Limited Warranty:

RAB warrants fixture operation and paint finish for a period of 5 years.

#### 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.

## Dimensions



## Features

- Impact resistant polycarbonate housing
- Diffuse polycarbonate lens for protection and minimal glare
- Quick mount solutions - surface & suspended
- 0-10V dimming
- Integrated Lightcloud® Controller
- Easy Lightcloud® system setup - simply power on, confirm device connectivity and call 844-LIGHTCLOUD

# SEAL4-50N/D10/LC



## Ordering Matrix

| Family | Length | Watts | Color Temp | Finish | Voltage | Driver | Options |
|--------|--------|-------|------------|--------|---------|--------|---------|
| SEAL   | 4      | 50    | N          | /D10   | /LC     |        |         |

4 = 4 ft

50 = 50W

Blank = 5000K (Cool)  
N = 4000K (Neutral)

Blank = White

Blank = 120-277V

/D10 = 0-10V Dimming (standard)

Blank = No Option  
/LC = Lightcloud® Controller  
/LCS = Lightcloud® Sensor 120-277V