

SEAL4-50/D10/LC



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

| Driver Info | | LED Info | |
|--------------------|------------------|-----------------|---------|
| Type: | Constant Current | Watts: | 50W |
| 120V: | 0.44A | Color Temp: | 5000K |
| 208V: | 0.26A | Color Accuracy: | 82 CRI |
| 240V: | 0.23A | L70 Lifespan: | 50000 |
| 277V: | 0.19A | Lumens: | 5849 |
| Input Watts: | 49W | Efficacy: | 119 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: PRTHPOQN

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:

9.4% at 120V, 12.1% at 277V

Power Factor:

99.4% at 120V, 97.3% 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

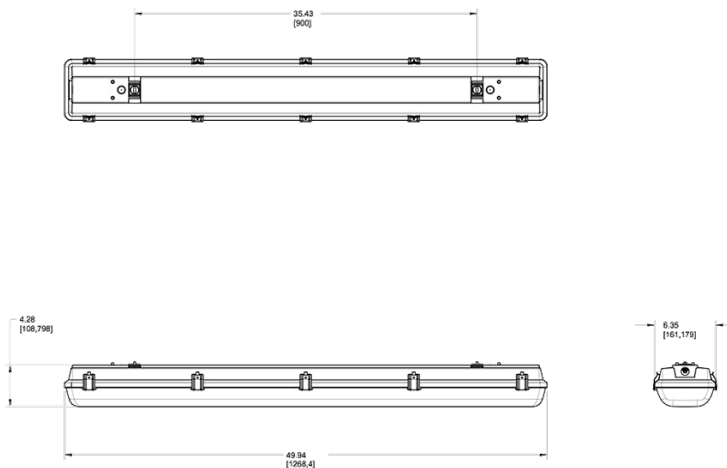
5 Yr Limited Warranty:

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

Ordering Matrix

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

4 = 4 ft **50** = 50W **Blank** = 5000K (Cool) **Blank** = White **Blank** = 120-277V **/D10** = 0-10V Dimming (standard)

N = 4000K (Neutral)

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