SEAL4-50N/D10/LCS

RAB
LIGHTING

Project:	Type:
Prepared By:	Date:

This economical linear LED washdown fixture is ideal for canopies, loading docks, tunnels, stairwells and other hard-to-reach areas where relamping is difficult and costly. Includes built in support for Lightcloud, RAB's commercial wireless lighting control system. 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.

Color: White   Weight: 8.3 lbs

Driver Info

Type:	Constant Current
120V:	0.44A
208V:	0.26A
240V:	0.23A
277V:	0.19A
Input Watts:	48W
Efficiency:	N/A

LED Info

Watts:	50W
Color Temp:	4000K
Color Accuracy:	84 CRI
L70 Lifespan:	50000
Lumens:	5718
Efficacy:	118 LPW

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Technical Specifications

Lightcloud

Lightcloud Sensor Installed:

The Lightcloud Sensor is a dual-technology motion detector that can switch and dim both local and remote circuits. It monitors power consumption, and can send an alert if power is lost.

Listings

UL Listing:

Suitable for damp 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 warrantied 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.

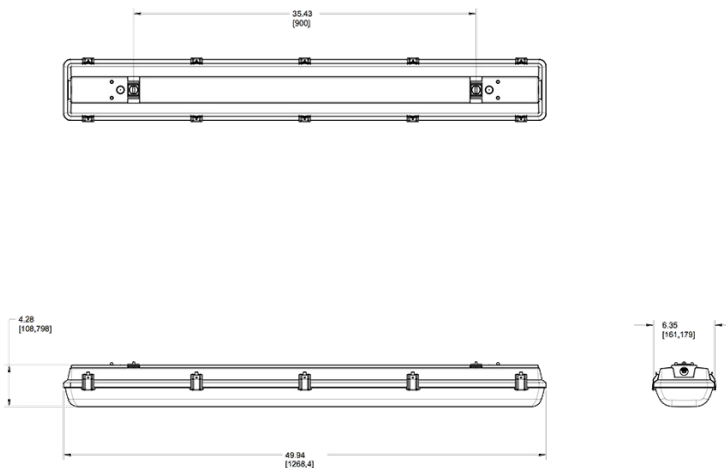### Other

Replacement:

Replaces 32W 2 lamp T8

5 Yr Limited Warranty:

RAB warrantees 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

RAB LIGHTING

Ordering Matrix

Family	Length	Watts	Color Temp	Finish	Voltage	Driver	Options
SEAL	4	50	N	/D10	/LCS		

	4 = 4 ft	**50** = 50W	**Blank** = 5000K (Cool)	**Blank** = White	**Blank** = 120-277V	**/D10** = 0-10V Dimming (standard)	**Blank** = No Option
			N = 4000K (Neutral)				**/LC** = Lightcloud® Controller
							/LCS = Lightcloud® Sensor 120-277V

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

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