

SEAL8-100/D10/LC



Project:	Type:
Prepared By:	Date:

Driver Info		LED Info	
Type:	Constant Current	Watts:	100W
120V:	0.89A	Color Temp:	5000K
208V:	0.52A	Color Accuracy:	82 CRI
240V:	0.45A	L70 Lifespan:	50000
277V:	0.38A	Lumens:	11698
Input Watts:	98W	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: PG9QLWPF

Electrical

Driver:

Constant Current, Class 2, 120-277V, 50/60Hz, 120V: 0.89A, 208V: 0.52A, 240V: 0.45A, 277V: 0.38A

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:

6ft 5-wire cord installed on fixture for easy installation on SEAL8. 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 4 lamp or 59W 2 lamp T8

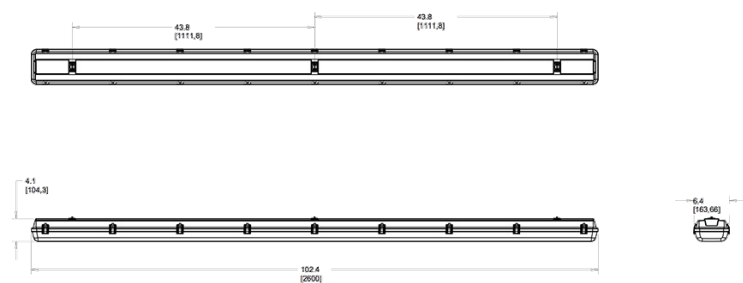
5 Yr Limited Warranty:

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

SEAL8-100/D10/LC



Ordering Matrix

Family	Length	Watts	Color Temp	Finish	Voltage	Driver	Options
SEAL	8	100		/D10	/LC		

8 = 8 ft **100** = 100W **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