

# SEAL8-100N/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:	100W
120V:	0.89A	Color Temp:	4000K
208V:	0.52A	Color Accuracy:	84 CRI
240V:	0.45A	L70 Lifespan:	50000
277V:	0.38A	Lumens:	11436
Input Watts:	97W	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: PU3S9J3O

### 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:

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:

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

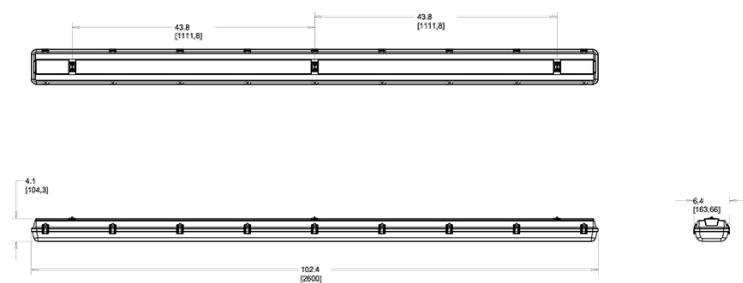
#### 5 Yr Limited Warranty:

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

# SEAL8-100N/D10/LC



## Ordering Matrix

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