



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: 22.4 lbs

Project:	Type:
Prepared By:	Date:

Driver Info		LED Info	
Type	Constant Current	Watts	100W
120V	0.89A	Color Temp	4000K (Neutral)
208V	0.52A	Color Accuracy	84 CRI
240V	0.45A	L70 Lifespan	50,000 Hours
277V	0.38A	Lumens	11,436 lm
Input Watts	96.8W	Efficacy	118.1 lm/W

Technical Specifications

Lightcloud

Lightcloud Sensor Installed:

Occupancy, vacancy, and closed loop daylight harvesting in one versatile sensor. In addition control any fixture in your Lightcloud integrated/embedded networked lighting luminaire-level control system. LLLC - capable of switching, 0-10V dimming, power/energy monitoring. Can also be used to extend the range of the Lightcloud mesh network communication protocols.

DLC system - N1XMLOEATBA
[Learn more about Lightcloud.](#)

Compliance

UL Listed:

Suitable for damp locations

IESNA LM-79 & LM-80 Testing:

RAB LED luminaires and LED components have been tested by an independent laboratory in accordance with IESNA LM-79 and LM-80.

IP Rating:

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

DLC Listed:

This product is on the Design Lights Consortium (DLC) Qualified Products List and is eligible for rebates from DLC Member Utilities. Designed to meet DLC 5.1 requirements.

DLC Product Code: PU3S9J3O (Stairwell and Passageway Luminaires)

DLC Product Code: PX47YMU3 (Direct Linear Ambient Luminaires)

LED Characteristics

LEDs:

Long-life, high-efficacy, surface-mount LEDs

Color Uniformity:

RAB's range of 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.

Performance

Lifespan:

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

Wattage Equivalency:

Equivalent to 32W 4 Lamp T8 or 59W 2 Lamp T8

Construction

Housing:

Impact-resistant polycarbonate with stainless steel door clips. 1/2" opening/ drill out (drill out by customer) for conduit and bushing/cord entry. [Click here for a detailed list of damaging chemicals.](#)

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 up to 40°C (104°F)

Technical Specifications (continued)

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.

Finish:

Formulated for high durability and long-lasting color

Other

5 Yr Limited Warranty:

The RAB 5-year, limited warranty covers light output, driver performance and paint finish. RAB's warranty is subject to all terms and conditions found at rablighting.com/warranty.

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.

Electrical

Driver:

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

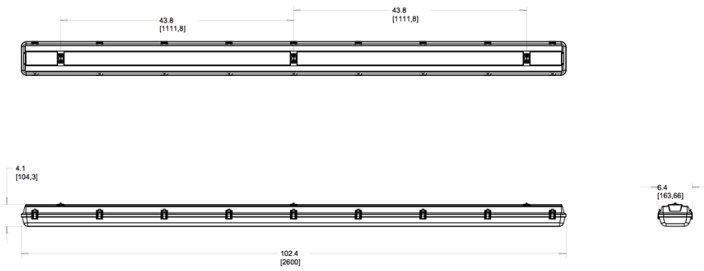
THD:

8.6% at 120V, 11.6% at 277V

Power Factor:

99.5% at 120V, 97.2% at 277V

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	Wattage	Color Temp	Driver	Options	
SEAL	8	-	100	N	/D10	/LCS
	4 = 4 ft 8 = 8 ft	25 = 25W 50 = 50W 100 = 100W	Blank = 5000K Cool N = 4000K Neutral	/D10 = 0-10V Dimming 120-277V	Blank = No Option /LC = Lightcloud Controller /LCS = Lightcloud Sensor 120-277V ¹	

¹ Suitable for damp locations only.