SHARK8-100YNW/480/D10

RAB LIGHTING

Project:	Type:
Prepared By:	**Date:**

Driver Info

		### LED Info	
Type:	Constant Current	Watts:	100W
120V:	N/A	Color Temp:	3500K
208V:	N/A	Color Accuracy:	N/A
240V:	N/A	L70 Lifespan:	100000
277V:	N/A	Lumens:	11777
Input Watts:	98W	Efficacy:	120 LPW
Efficiency:	N/A		

The eight-foot SHARK is available in 70W and 100W versions. This impact-resistant linear LED washdown fixture is ideal for car washes, tunnels, stairwells and other hard-to-reach areas where relamping is difficult and costly.

Color: White   Weight: 25.7 lbs

Technical Specifications

Listings

UL Listing:

Suitable for wet locations.

NSF:

NSF Certified by Public Health and Safety

ABS:

Approved for use on mobile offshore drilling units and shipping vessels

NEMA Rating:

4X, protected against corrosion

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.

Electrical

Driver:

Class 2 Constant Current, 4kV, 347-480VAC, 50-60Hz, 347V: 0.28A, 480V: 0.23A

Surge Protection:

4kV

THD:

15.7% at 480V

Power Factor:

89% at 480V

Dimming Driver:

Driver includes dimming control wiring for 0-10V dimming systems. Requires separate 0-10V DC dimming circuit. Dims as low as 10%.

Construction

IP Rating:

Ingress Protection rating of IP66 for dust and water

Housing:

5VA impact-resistant polycarbonate. 1/2" openings for conduit and bushing/cord entry. Polycarbonate is affected by cleaning agents or other liquids containing partial solvents such as low molecular weight aldehydes and ethers, ketones, esters, aromatic hydrocarbons and perchlorinated hydrocarbons.

Mounting:

Quick-mount, surface, stainless steel spring clips supplied. 4 additional mounting accessory kits available.

Lens:

Diffuse polycarbonate lens for low glare and maximum protection

Gaskets:

EVA silicone foam

Maximum Ambient Temperature:

Suitable for use in 104° F (40°C) ambient temperatures

Cold Weather Starting:

Minimum starting temperature is -40° F (-40° C)

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.

LED Characteristics

LEDs:

Long-life, high-efficiency surface mounting LEDs

Lifespan:

100,000-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 C78.377-2015.
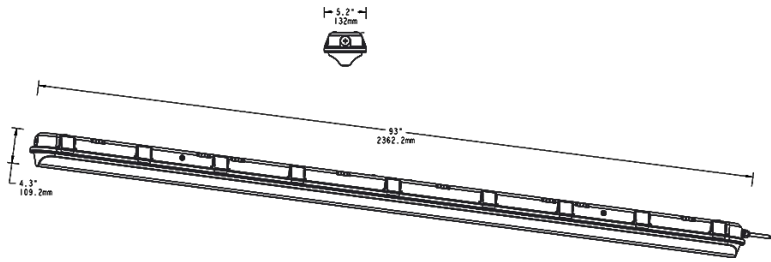
Other

Warranty:

RAB warrants that our LED products will be free from defects in materials and workmanship for a period of five (5) years from the date of delivery to the end user, including coverage of light output, color stability, driver performance and fixture finish.

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Dimensions

Features

- NSF certified for use in food-prepartion facilities
- American Bureau of Shipping (ABS) approved
- Ideal for car washes, tunnels and stairwells
- Mounting options:
- Chain, junction box, angled surface mount, ceiling mount or vandal-resistant surface mount
- IP66 AND NEMA 4X ratings protect against dust, water ingress & corrosion
- 5-Year, no compromise warranty
- 100,000-Hour LED lifespan

Ordering Matrix

Family	Length	Watts	Color Temp	Finish	Voltage	Dimming	Battery Backup	Sensor	Bi-Level
SHARK	8	100	YN	W	/480	/D10			
	8 = 8 ft	**100** = 100W **70** = 70W	**Blank** = 5000K (Cool) **Y** = 3000K (Warm) **YN** = 3500K (Warm Neutral) **N** = 4000K (Neutral)	**W** = White	**Blank** = 120-277V **/480** = 480V	**D10** = Dimmable	**Blank** = No Battery Backup **/E2** = 120-277V Battery Backup	**Blank** = No Occupancy Sensor **/MVS** = Occupancy Sensor	**Blank** = No Bi-Level **/BL** = Bi-Level

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

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