

SHARK8M- 100YNW/480/D10



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

Project:

Type:

Prepared By:

Date:

Driver Info

| | |
|--------------|------------------|
| Type: | Constant Current |
| 120V: | N/A |
| 208V: | N/A |
| 240V: | N/A |
| 277V: | N/A |
| Input Watts: | 98W |
| Efficiency: | N/A |

LED Info

| | |
|-----------------|---------|
| Watts: | 100W |
| Color Temp: | 3500K |
| Color Accuracy: | N/A |
| L70 Lifespan: | 100000 |
| Lumens: | 11777 |
| Efficacy: | 120 LPW |

Technical Specifications

Listings

UL Listing:

Marine Listed Outside Type (Saltwater).

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 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 C78.377-2015.

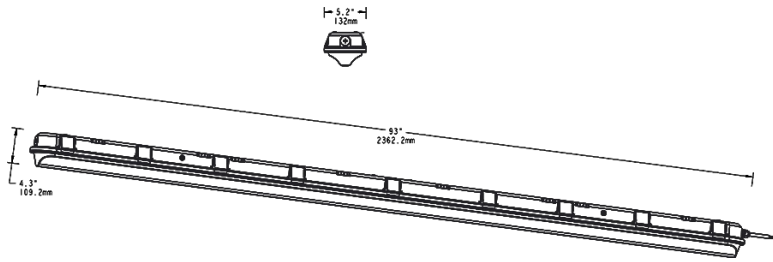
Other

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

- UL Marine Listed
- American Bureau of Shipping (ABS) approved
- Impact-resistant linear washdown
- 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 |
|--------|-------------------------|------------------------|--|-----------|---------------------------------|----------------|
| SHARK | 8M | 100 | YN | W | /480 | /D10 |
| | 8M = 8 ft Marine Listed | 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 |