SHARK8M-100YW/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: | Туре: |
|--------------|-------|
| Prepared By: | Date: |

| Drive | er Info | LE | ED Info | | |
|---------|------------|--------------|---------------|---------|--|
| Type: | Constan | t Current Wa | atts: | 100W | |
| 120V: | 0.80A | Co | olor Temp: | 3000K | |
| 208V: | 0.49A | Co | lor Accuracy: | 75 CRI | |
| 240V: | 0.42A | L7 | 0 Lifespan: | 100000 | |
| 277V: | 0.36A | Lu | mens: | 11970 | |
| Input | Watts: 95W | Eff | icacy: | 126 LPW | |
| Efficie | ency: N/A | | | | |
| | | | | | |
| | | | | | |

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, 100-277VAC, 50-60Hz, 120V: 0.80A, 208V: 0.49A, 240V: 0.42A, 277V: 0.36A

Surge Protection:

4kV

THD:

7.2% at 120V, 10.4% at 277V

Power Factor:

99.3% at 120V, 95.6% at 277V

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:

The minimum starting temperature is -22° F (-30° 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:

 $\label{long-life} \mbox{Long-life, high-efficiency surface mounting LEDs}$

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

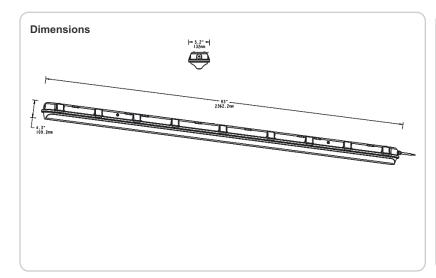
Other

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.

SHARK8M-100YW/D10





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 vandalresistant 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 | 4 | | | | | |
|-----------------|-------------------------|--------------------------------------|---|------------------|--|----------------|
| Family | Length | Watts | Color Temp | Finish | Voltage | Dimming |
| SHARK | 8M | 100 | Υ | W | | /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 |