# SHARK8M-70W/D10



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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:

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: 0.62A, 208V: 0.38A, 240V: 0.33A, 277V: 0.28A

## **Surge Protection:**

4kV

#### THD:

7.5% at 120V, 8.9% at 277V

#### **Power Factor:**

99.2% at 120V, 95.9% 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).

Driver Info	LED Info
Prepared By:	Date:
Project:	Туре:

101-44-

Type:	Constant Current	vvatts:	70VV
120V:	0.62A	Color Temp:	5000K
208V:	0.38A	Color Accuracy:	78 CRI
240V:	0.33A	L70 Lifespan:	100000
277V:	0.28A	Lumens:	11300
Input Watts:	75W	Efficacy:	150 LPW
Efficiency:	93%		

#### 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.

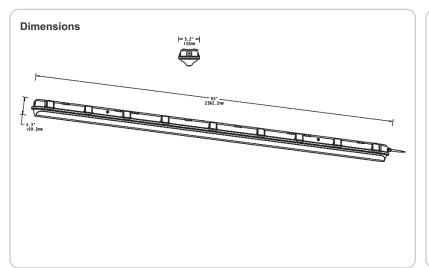
# Other

#### 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.

# SHARK8M-70W/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						
Family	Length	Watts	Color Temp	Finish	Voltage	Dimming
SHARK	8M	70		W		/D10
	8M = 8 ft Marine Listed	<b>100</b> = 100W <b>70</b> = 70W	Blank = 5000K (Cool) Y = 3000K (Warm) YN = 3500K (Warm Neutral) N = 4000K (Neutral)	W = White	<b>Blank</b> = 120-277V / <b>480</b> = 480V	D10 = Dimmable
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