# **SHARK8-70W/D10/E2**





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:

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

# **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, 100-277VAC, 50-60Hz, 120V: 0.62A, 208V: 0.38A, 240V: 0.33A, 277V: 0.28A

#### **Emergency Battery Backup:**

Battery backup will operate the LED Lamp for 90 minutes if power fails. Wired for 120V-277V.

# 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).

#### 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.

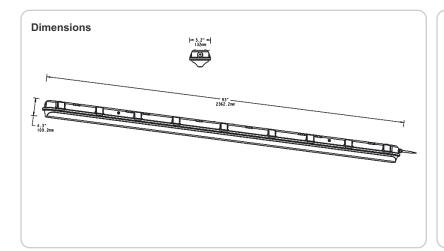
# Other

## 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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## **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 vandalresistant surface mount

IP66 AND NEMA 4X ratings protect against dust, water ingress & corrosion

5-Year, no compromise warranty

100,000-Hour LED lifespan

Color Temp Finis		Dimming /D10	Battery Backup	Sensor	Bi-Level
W	1	/D10	/E2		
<b>k</b> = 5000K (Cool) <b>W</b> = 3000K (Warm) Whit		D10 = Dimmable	Blank = No Battery Backup	Blank = No Occupancy Sensor	Blank = No Bi- Level
= 3500K (Warm Neutral)	<b>/480</b> = 480V		/E2 = 120-277V Battery Backup	/MVS = Occupancy Sensor	<b>/BL</b> = Bi-Level
=	3500K (Warm	3500K (Warm) Neutral)  /480 = 480V	3500K (Warm /480 = 480V Neutral)	3500K (Warm	3500K (Warm