



<b>Project:</b>	<b>Type:</b>
<b>Prepared By:</b>	<b>Date:</b>

Driver Info		LED Info	
Type:	Constant Current	Watts:	70W
120V:	0.62A	Color Temp:	3000K
208V:	0.38A	Color Accuracy:	75 CRI
240V:	0.33A	L70 Lifespan:	100000
277V:	0.28A	Lumens:	10072
Input Watts:	74W	Efficacy:	135 LPW
Efficiency:	94%		

## 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).

#### 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

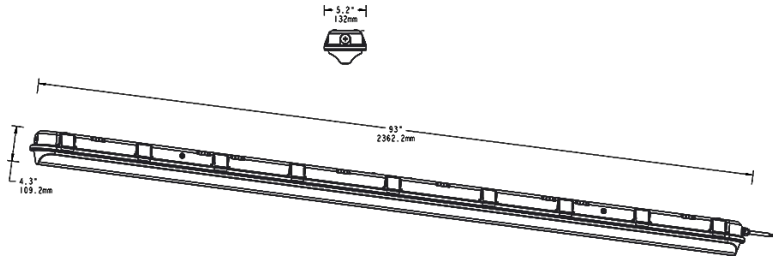
#### Warranty:

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-70YW/D10



## 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	70	Y	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