SHARK8-70YW/D10

RAB | Indoor

The eight-foot SHARK is available in 70W and 100W versions. This impact-resistant linear LED washdown fixture is ideal for 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	0.62A
208V	0.38A
240V	0.33A
277V	0.28A
Input Watts	74.40W
Efficiency	94%

LED Info

Watts	70.00W
Color Temp	3000K (Warm)
Color Accuracy	75 CRI
L70 Lifespan	100,000
Lumens	10,072
Efficacy	135.4 LPW

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 and LED components have been tested by an independent laboratory in accordance with IESNA LM-79 and LM-80.

DLC Listed:

This product is listed by Design Lights Consortium (DLC) as an ultra-efficient premium product that qualifies for the highest tier of rebates from DLC Member Utilities.DLC Product Code: P2CDYAZE

Electrical

Driver:

Class 2 Constant Current, 4kV, 100-277VAC, 50-60Hz, 120V: 0.62A, 208V: 0.38A, 240V: 0.33A, 277V: 0.28A

Dimming Driver:

Driver includes dimming control wiring for 0-10V dimming systems. Requires separate 0-10V DC dimming circuit. Dims as low as 10%.

THD:

7.5% at 120V, 8.9% at 277V

Power Factor:

99.2% at 120V, 95.9% at 277V

Surge Protection:

4kV

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. Click here for a detailed list of damaging chemicals.

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 40°C (104°F)

Cold Weather Starting:

The minimum starting temperature is -30°C (-22°F)

Installation:

6ft 5-wire cord installed on fixture for easy installation on SHARK8. Tether Cables are provided for easy installation. Quick connector may be used for quick and easy wiring.

Technical Specifications (continued)

Construction

Green Technology:

Mercury and UV free. RoHS-compliant components.

Finish:

Formulated for high durability and long-lasting color

LED Characteristics

LEDs:

Long-life, high-efficacy surface mount 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 C78.377-2017.
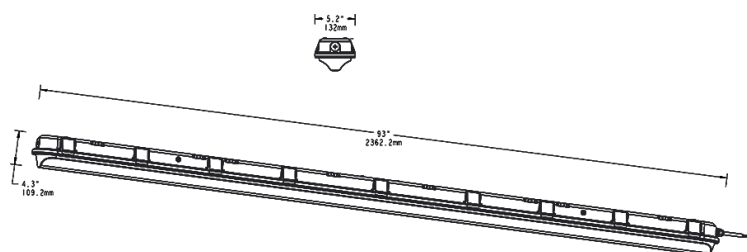
Other

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. RAB's warranty is subject to all terms and conditions found at rablighting.com/warranty.

Buy American Act Compliance:

RAB values USA manufacturing! Upon request, RAB may be able to manufacture this product to be compliant with the Buy American Act (BAA). Please contact customer service to request a quote for the product to be made BAA compliant.

Dimensions

Features

NSF certified for use in food-preparation facilities

American Bureau of Shipping (ABS) approved

Ideal for 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	UL Listing		Wattage	Color Temp	Finish	Driver Options	Options
SHARK	8		–	70	Y	W	/D10	
	2 = 2 ft. **4 =** 4 ft **8 =** 8 ft	**Blank =** Standard **M =** Marine Listed		**18 =** 18W (2 ft.) **25 =** 25W (2 ft.) **36 =** 36W (4 ft.) **50 =** 50W (4 ft.) **70 =** 70W (8 ft.) **100 =** 100W (8 ft.)	**Blank =** 5000K (Cool) **N =** 4000K (Neutral) **YN =** 3500K (Warm Neutral) **Y =** 3000K (Warm)	**W =** White	**/D10 =** 0-10V Dimming, 120-277V **/480 =** On/Off, 480V **/480/D10 =** 0-10V Dimming, 480V	**Blank =** No Option **/E2 =** Emergency Battery Backup **/LC =** Lightcloud® Controller, 120-277V **/BL =** Bi-Level Dimming, 120-277V **/MVS =** Microwave Motion Sensor, 120-277V