



Project:	Type:
Prepared By:	Date:

Driver Info		LED Info	
Type:	Constant Current	Watts:	100W
120V:	0.80A	Color Temp:	5000K
208V:	0.49A	Color Accuracy:	78 CRI
240V:	0.42A	L70 Lifespan:	100000
277V:	0.36A	Lumens:	13429
Input Watts:	96W	Efficacy:	140 LPW
Efficiency:	N/A		

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: 0.80A, 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, 95.2% 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 warranted 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

Bi-Level Operation:

Allows 33%-66%-100% output modes.

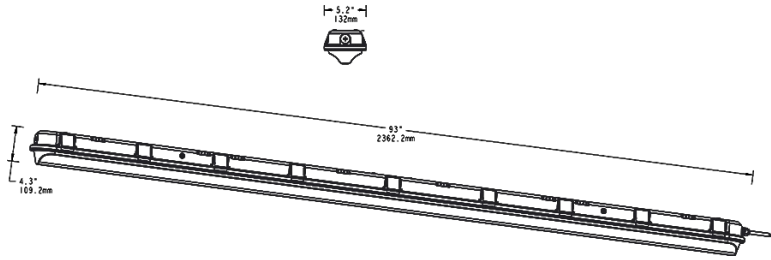
Warranty:

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.

SHARK8-100W/D10/BL



Dimensions



Features

NSF certified for use in food-preparation 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 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	Battery Backup	Sensor	Bi-Level
SHARK	8	100		W		/D10			/BL
	8 = 8 ft	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	Blank = No Battery Backup /E2 = 120-277V Battery Backup	Blank = No Occupancy Sensor /MVS = Occupancy Sensor	Blank = No Bi-Level /BL = Bi-Level