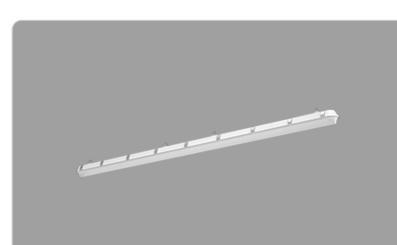
## SHARK8-100YNW/D10

# RAB



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: 24.5 lbs

### **Technical Specifications**

#### Compliance

UL Listed:

Suitable for wet locations

#### UL 94:

5VA flame classification

#### NSF:

NSF Certified by Public Health and Safety

#### **IP Rating:**

Ingress protection rating of IP66 for dust and water

#### **NEMA Rating:**

4X, protected against corrosion

#### 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. Designed to meet DLC 5.1 requirements.

DLC Product Code: P8C9T4PB (Stairwell and Passageway Luminaires)

DLC Product Code: PMIERADG (High-Bay Luminaires for Commercial and Industrial Buildings) DLC Product Code: PUZROV7Y (Direct Linear Ambient Luminaires)

#### Construction

Length:	
8 ft	

Project:	Туре:
Prepared By:	Date:

Driver Info		LED Info	
Туре	Constant Current	Watts	100W
120V	0.75A	Color Temp	3500K (Warm
208V	0.48A	color remp	Neutral)
240V	0.42A	Color Accuracy	87 CRI
277V	0.34A	L70 Lifespan	100,000 Hours
Input Watts	89.5W	Lumens	12,792 lm
		Efficacy	142.9 lm/W

#### Reflector:

Specular polycarbonate

#### Housing:

IK09 impact-resistant polycarbonate with 5VA flame rating\*

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. <u>Click here for a detailed list of</u> <u>damaging chemicals.</u>

#### Mounting:

Quick-mount, surface, stainless steel spring clips and V-Hook with bracket screws are supplied. 3 additional mounting accessory kits available.

#### Lens:

Textured, diffuse polycarbonate lens for low glare and maximum protection

#### Gaskets:

EVA

#### **Cold Weather Starting:**

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

### Maximum Ambient Temperature:

Suitable for use in up to  $40^{\circ}C$  ( $104^{\circ}F$ )

## Finish:

Formulated for high durability and long-lasting color

#### Cord:

Comes standard with 6 ft cord

#### LED Characteristics

LEDs:

Long-life, high-efficacy, surface-mount LEDs

#### **Color Uniformity:**

RAB's range of 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.

#### Electrical

#### Driver:

Constant Current, Class 2, 120-277V, 50/60 Hz, 120V: 0.75A, 208V: 0.48A, 240V: 0.42A, 277V: 0.34A

#### THD:

1.81% at 120V, 2.49% at 277V

#### Power Factor:

99.9% at 120V, 95.5% at 277V

## SHARK8-100YNW/D10

### **Technical Specifications (continued)**

Surge Protection:

4kV

#### Performance

Lifespan:

100,000-Hour LED lifespan based on IES LM-80 results and TM-21 calculations

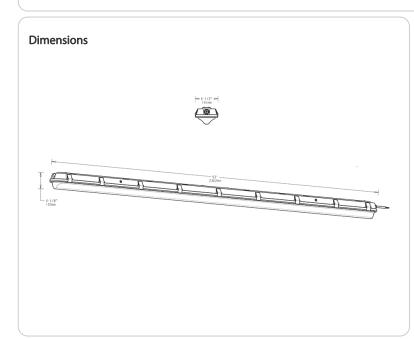
#### Other

#### 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 <u>rablighting.com/warranty.</u>

#### 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.



#### 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 vandalresistant surface mount

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

5-Year, No-Compromise Warranty

100,000-Hour LED lifespan

## SHARK8-100YNW/D10

Family	Length	UL Listing	Wattage	Color Temp	Finish	Driver Options	Options
HARK	8		- 100	YN	W	/D10	
	<b>2 =</b> 2 ft	Blank = Standard	18 = 18W (2 ft)	Blank = 5000K Cool	<b>W</b> = White	/D10 = 0-10V Dimming,	Blank = No Option
	<b>4</b> = 4 ft	M = Marine Listed	<b>25 =</b> 25W (2 ft)	N = 4000K Neutral		120-277V	<b>/E2 =</b> Battery Backup
	<b>8 =</b> 8 ft		<b>36 =</b> 36W (4 ft)	YN = 3500K Warm		/480/D10 = 0-10V	/LC = Lightcloud <sup>®</sup> Controller,
			50 = 50W (4 ft)	Neutral		Dimming, 480V	120-277V
			<b>70 =</b> 70W (8 ft)				/LCS = Lightcloud <sup>®</sup> Sensor,
			100 = 100W (8 ft)				120-277V
							/MVS = Microwave Occupancy
							Sensor, 120-277V
							/LC/E2 = Lightcloud® Controller
							Battery Backup, 120-277V
							/LCS/E2 = Lightcloud® Sensor w
							Battery Backup, 120-277V
							/MVS/E2 = Microwave Occupand
							Sensor w/ Battery Backup,
							120-277V