# SHARK8-100NW/D10/LCS

**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

| Project: | Type: |
|---|---|
| Prepared By: | Date: |

## Driver Info

| | |
|---|---|
| Type | Constant Current |
| 120V | 0.75A |
| 208V | 0.48A |
| 240V | 0.42A |
| 277V | 0.34A |
| Input Watts | 90W |

## LED Info

| | |
|---|---|
| Watts | 100W |
| Color Temp | 4000K (Neutral) |
| Color Accuracy | 85 CRI |
| L70 Lifespan | 100,000 Hours |
| Lumens | 13,240 lm |
| Efficacy | 147.1 lm/W |

## Technical Specifications

### Lightcloud

**Lightcloud Sensor Installed:**
Occupancy, vacancy, and closed loop daylight harvesting in one versatile sensor. In addition control any fixture in your Lightcloud integrated/embedded networked lighting luminaire-level control system. LLLC - capable of switching, 0-10Vdimming, power/energy monitoring. Can also be used to extend the range of the Lightcloud mesh network communication protocols.
DLC system - N1XMLOEATBA
Learn more about Lightcloud.

### 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: PKJVSCP4 (Stairwell and Passageway Luminaires)
DLC Product Code: P7IUOE2T (High-Bay Luminaires for Commercial and Industrial Buildings)
DLC Product Code: PAZKCICC (Direct Linear Ambient Luminaires)

### Construction

**Length:**
8 ft

**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. Click here for a detailed list of damaging chemicals.

**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°C (104°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

## Technical Specifications (continued)

### 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:
1.29% at 120V, 2.23% at 277V

### Power Factor:
99.9% at 120V, 95.3% at 277V

### Surge Protection:
4kV

## Performance

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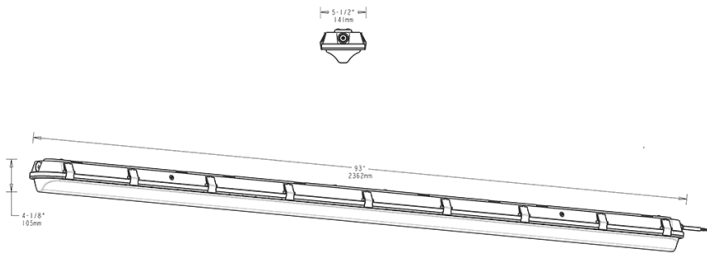
## Other

### 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 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.

# SHARK8-100NW/D10/LCS

**RAB**®

## Dimensions



## Features

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 Fixture Warranty and 10-Year, No-Compromise Lightcloud Warranty

100,000-Hour LED lifespan

Built in support Lightcloud_

Easy setup - simply power on, confirm device connectivity and call 844-LIGHTCLOUD

## Ordering Matrix

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

Need help? Tech help line: **(888) 722-1000** Email: **sales@rablighting.com** Website: **www.rablighting.com**

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