



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

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

| Driver Info  |                  | LED Info        |              |
|--------------|------------------|-----------------|--------------|
| Type:        | Constant Current | Watts:          | 100W         |
| 120V:        | 0.80A            | Color Temp:     | 5000K (Cool) |
| 208V:        | 0.49A            | Color Accuracy: | 78 CRI       |
| 240V:        | 0.42A            | L70 Lifespan:   | 100,000      |
| 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 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: PHJSHEAH

### 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 40°C (104°F) ambient temperatures

#### 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.

#### 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 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 C78.377-2017.

### 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

## 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                                  | ^                                     | 100  | ^  | W         | /D10  | ^  |
|        | 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)<br>Y = 3000K (Warm) | W = White | /D10 = 0-10V Dimming, 120-277V<br>/480 = On/Off, 480V<br>/480/D10 = 0-10V Dimming, 480V | Blank = No Option<br>/E2 = Emergency Battery Backup<br>/LC = Lightcloud Controller, 120-277V<br>/BL = Bi-Level Dimming, 120-277V<br>/MVS = Microwave Motion Sensor, 120-277V |



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