# SHARK4-50W/D10/E2





The four-foot SHARK is available in 36W and 50W versions. This impact-resistant linear LED washdown fixture is ideal for car washes, tunnels, stairwells and other hard-to-reach areas where relamping is difficult and costly.

Color: White Weight: 13.3 lbs

Project:	Туре:
Prepared By:	Date:

Driver Info		LED Info	
Type:	Constant Current	Watts:	50W
120V:	0.42A	Color Temp:	5000K
208V:	0.24A	Color Accuracy:	75 CRI
240V:	0.21A	L70 Lifespan:	100000
277V:	0.18A	Lumens:	5,161
Input Watts:	48W	Efficacy:	107 LPW
Efficiency:	N/A		

# **Technical Specifications**

#### Listings

#### **UL Listing:**

Suitable for wet locations

#### **NEMA Rating:**

4X, protectedd 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

#### **Dimming Driver:**

Driver includes dimming control for 0-10V dimming systems. Dims as low as 10%.

#### THD:

7.5% at 120V, 8.9% at 277V

# **Power Factor:**

99.1% at 120V, 95.2% at 277V

# **Emergency Battery Backup:**

Battery backup will operate the LED Lamp for 90 minutes if power fails. Rated 0C to 55C. Battery is a maintenance free NiCad with 7 - 10 year life. Wired for 120V-277V.

# Construction

### IP Rating:

Ingress Protection rating of IP66 for dust and water.

#### Reflector/Tray:

Aluminum

### Housing:

5VA impact-resistant polycarbonate with stainless steel door clips. 1/2" openings for conduit and bushing/cord entry.

#### Mounting:

Quick-mount, surface, stainless steel spring clips supplied. 4 additional mounting accessory kits available.

### Lens:

Textured, 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 -40°C/-40°F

# Green Technology:

Mercury and UV free. RoHS compliant components. Polyester powder coat finish formulated without the use of VOC or toxic heavy metals.

#### Finish:

Our environmentally friendly polyester powder coatings are formulated for high-durability and long-lasting color, and contains no VOC or toxic heavy metals.

#### **LED Characteristics**

#### I FDs:

Long-life, high-efficiency 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 C78.377-2011.

# 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.

#### **Country of Origin:**

Designed by RAB in New Jersey and assembled in the USA by RAB's IBEW Local 3 workers.

# **Buy American Act Compliant:**

This product is a COTS item manufactured in the United States, and is compliant with the Buy American Act.

#### Recovery Act (ARRA) Compliant:

This product complies with the 52.225-21 "Required Use of American Iron, Steel, and Manufactured Goods-- Buy American Act-- Construction Materials (October 2010).



# **Technical Specifications (continued)**

Other

#### **Trade Agreements Act Compliant:**

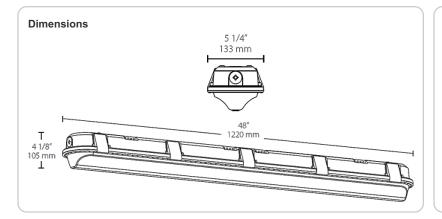
This product is a COTS item manufactured in the United States, and is compliant with the Trade Agreements Act.

#### **GSA Schedule:**

Suitable in accordance with FAR Subpart 25.4.

# American Bureau of Shipping (ABS):

For use on Mobile Offshore Drilling Units (MODU) and shipping vessels.



# **Features**

Impact-resistant linear washdown

Ideal for car washes, tunnels and stairwells

Mounting options: Chain, junction box, angled surface mount or vandal-resistant surface mount

IP66 Rating protects against dust & water ingress

0-10V dimming

5-Year, no compromise warranty

100,000-Hour LED lifespan

Ordering Matrix						
Family	Length	Watts	Color Temp	Finish	Dimming	Voltage
SHARK	4	50		W	/D10	
	<b>4</b> = 4 ft	<b>36</b> = 36W <b>50</b> = 50W	Blank = 5000K (Cool) Y = 3000K (Warm) YN = 3500K (Warm Neutral) N = 4000K (Neutral)	<b>W</b> = White	<b>D10</b> = Dimmable	<b>Blank</b> = 120-277V / <b>480</b> = 480V