HAZSHARK4



Color: Gray

Weight: 19.7 lbs

Project:	**Type:**
Prepared By:	**Date:**

Driver Info

Type	Constant Current
120V	0.41A
208V	0.24A
240V	0.21A
277V	0.19A
Input Watts	49W

LED Info

Watts	50W
Color Temp	5000K
Color Accuracy	84 CRI
L70 Lifespan	50,000 Hours
Lumens	7,024 lm
Efficacy	143.3 lm/W

Technical Specifications

Hazardous Location Classifications

Class 1, Division 2 (Groups A, B, C, D):
Class 1 (Hazardous Material in Surrounding Atmosphere):
Flammable vapors or gases may be present

Division 2 (Presence of Hazardous Materials):
Ignitable concentrations of hazards exist only under accidental system breakdowns or abnormal operating conditions

Groups A, B, C, D (Hazardous Material in Surrounding Atmosphere):
A = Acetylene
B = Hydrogen, butadiene, ethylene oxide, propylene oxide and acrolein
C = Ethylene, cyclopropane and ethyl ether
D = Acetone, ammonia, benzene, butane, ethanol, gasoline, hexane, methane, methanol, naphta, natural gas, propane & toluene

Class 2, Division 1 (Groups E, F, G):
Class 2 (Hazardous Material in Surrounding Atmosphere):
Combustible dust may be present

Division 1 (Presence of Hazardous Materials):
Ignitable concentrations of hazard exists under normal operating conditions

Groups E, F, G (Hazardous Material in Surrounding Atmosphere):
E = Combustible metal dusts: aluminum, commercial alloys and magnesium
F = Combustible carbonaceous dusts: carbon black, charcoal, coal and coke dusts
G = Other combustible dusts: chemicals, flour, grain, plastic and wood

Class 2, Division 2 (Groups F, G):
Class 2 (Hazardous Material in Surrounding Atmosphere):
Combustible dust may be present

Division 2 (Presence of Hazardous Materials):
Ignitable concentrations of hazards exist only under accidental system breakdowns or abnormal operating conditions

Groups F, G (Hazardous Material in Surrounding Atmosphere):
F = Combustible carbonaceous dusts: carbon black, charcoal, coal and coke dusts
G = Other combustible dusts: chemicals, flour, grain, plastic and wood

Class 3:
Class 3 (Hazardous Material in Surrounding Atmosphere):
Easily ignitable flyings or fibers may be present

UL 844:
Electric lighting fixtures for use in hazardous (classified) locations

Compliance

UL Listed:
Suitable for wet locations

UL Marine Listed:
Marine Listed Outside Type (Saltwater)

IP Rating:
Ingress protection rating of IP66 for dust and water

DLC Listed:
This product family is listed with the DesignLights Consortium (DLC). Individual SKUs within this family may carry either a DLC Standard or DLC Premium qualification. Please refer to the individual product specification sheet or the DLC Qualified Products List (QPL) at designlights.org to confirm the qualification status of a specific SKU prior to specification or purchase.

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Technical Specifications (continued)

Electrical

Dimming Driver:
Driver includes dimming control wiring for 0-10V dimming systems. Requires separate 0-10V DC dimming circuit. Dims down to 10%.

THD:
1.47% at 120V, 3.24% at 277V

Power Factor:
99.6% at 120V, 92.0% at 277V

Surge Protection:
4 kV

Construction

Housing:
Stainless steel

Rated Ambient Temperature Range:
-40°F (-40°C) to 122°F (50°C), T5

Lens:
Clear polycarbonate* lens.

*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.

Gaskets:
High-temperature silicone

Green Technology:
Mercury and UV free. RoHS-compliant components.

Finish:
Formulated for high durability and long-lasting color

Installation

Mounting:
Two mounting options included: stainless steel, surface mount brackets or aircraft cable for suspended mount.

LED Characteristics

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

Color Stability:
LED color temperature is warrantied to Shift no more than 200K in color temperature over a 5-year period

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.

Performance

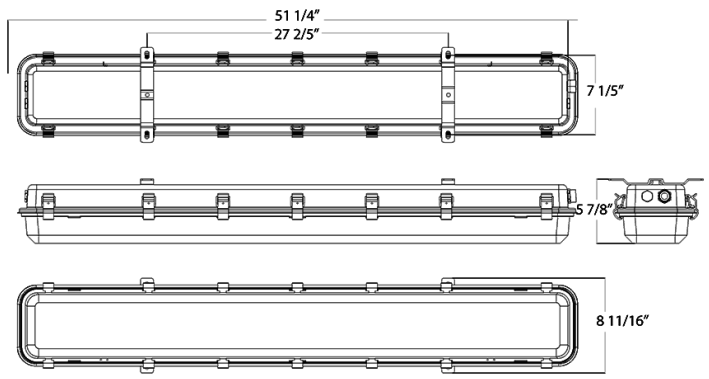
Lifespan:
100,000-Hour LED lifespan based on IESlm-80 results and TM-21 calculations

Other

5-Year, No-Compromise 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.

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Dimensions



Features

- Class 1, Division 2, Groups A, B, C, D
- Class 2, Division 1, Groups E, F, G
- Class 2, Division 2, Groups F, G
- Class 3
- IP66, UL1598, UL8750 and UL 844 ratings
- DLC Listed
- 50,000-Hour LED lifespan
- 5-Year, no-compromise warranty

Ordering Matrix

Family	Size/Wattage	Color Temp	Finish	Driver	Options
HAZSHARK	4				
	2 = 2 ft (30W) **4 =** 4 ft (50W)	**Blank =** 5000K	**Blank =** Gray	**Blank =** 120-277V, 0-10V Dimming	**Blank =** No Option **/E =** Battery Backup

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