WHALE4H

Color: Gray

Weight: 23.4 lbs

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

Driver Info

Type	Constant Current
120V	2.21A/1.88A/1.21A
208V	1.27A/1.08A/0.70A
240V	1.10A/0.94A/0.60A
277V	0.96A/0.81A/0.52A
Input Watts	134.1-254.1W

LED Info

Watts	265/225/145W
Color Temp	3500/4000/5000K
Color Accuracy	84-86 CRI
L70 Lifespan	100,000 Hours
Lumens	21,705-38,081 lm
Efficacy	146.5-163 lm/W

Technical Specifications

Compliance

UL Listed:
Suitable for wet locations

NSF:
NSF Certified by Public Health and Safety

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.

IP Rating:
Ingress protection rating of IP67 for dust and water

NEMA Rating:
NEMA 4X rating indicates an enclosure protects against windblown dust and rain, splashing and hose-directed water, and offers additional corrosion resistance.

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.

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:
4.78% at 120V, 9.84% at 277V

Power Factor:
99.9% at 120V, 97% at 277V

Surge Protection:
Ring Wave LN4 kV/LN-GND 6 kV

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.

Performance

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

Construction

Housing:
Impact-resistant polycarbonate* with stainless steel door clips. 1/2" NPS opening 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.

Lens:
Diffuse polycarbonate lens for low glare and maximum protection

Gaskets:
High-temperature silicone gaskets

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Technical Specifications (continued)

Cold Weather Starting:
The minimum starting temperature is -40°F (-40°C)

Maximum Ambient Temperature:
265W: Surface Mount: -40° to 122°F (-40 to 50°C); Suspended Mount: -40° to 131°F (-40 to 55°C)
225W: Surface Mount: -40° to 131°F (-40 to 55°C); Suspended Mount: -40° to 131°F (-40 to 55°C)
145W: Surface Mount: -40° to 131°F (-40 to 55°C); Suspended Mount: -40° to 140°F (-40 to 60°C)

Installation:
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

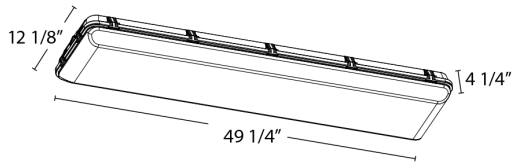
Installation

Mounting:
Quick-mount, stainless steel snap on brackets supplied for surface mounting. V-Hook brackets supplied standard for suspending the fixture.

Other

5-Year Limited Warranty:
The RAB 5-year, limited warranty covers light output, driver performance and paint finish. RAB's warranty is subject to all terms and conditions found at rablighting.com/warranty.

Dimensions



Features

- NSF certified for use in food-preparation facilities
- 100,000-Hour LED lifespan
- DLC Premium Listed
- IP67 Rated for Wet Locations
- NEMA 4X Rating Listed
- 5-Year, limited warranty

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Ordering Matrix

Family	Size/Wattage	Color Temp	Finish	Driver	Options
WHALE	4H				
	2H = 2 ft, 135/100/70W **4 =** 4 ft, 160/140/120W **4H =** 4ft, 265/225/145W **2 =** 2 ft, 90/75/60W	**Blank =** 3000/4000/5000K CCT Adjustable	**Blank =** Gray	**Blank =** 120-277V, 0-10V Dimming	**/LCBS/MVS/E =** Lightcloud Blue w/MVS Sensor & Battery Backup **/LCBS/E =** Lightcloud Blue w/PIR Sensor & Battery Backup **/PIR/E =** Passive Infrared Occupancy Sensor w/Battery Backup **/MVS/E =** Microwave Occupancy Sensor w/Battery Backup **/LCBS/MVS =** Lightcloud Blue w/MVS Sensor **/LCBS =** Lightcloud Blue w/PIR Sensor **/PIR =** Passive Infrared Occupancy Sensor **/MVS =** Microwave Occupancy Sensor **/E =** Battery Backup **Blank =** No Option

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