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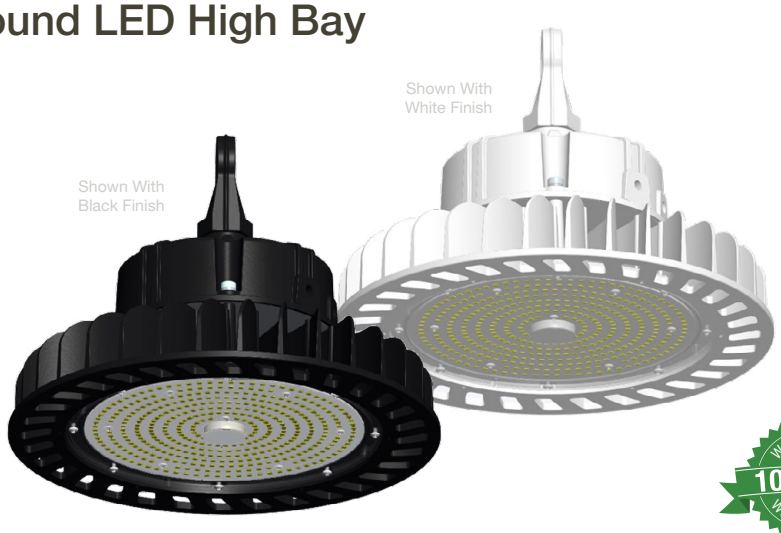
Project	Date

Catalog Number	Type

ExsaBay® Infinity

Round LED High Bay



Product Performance Summary

Lumen Output	**Up to 44,923 lumens**
Efficacy	**Up to 149 LPW**
CRI	**≥ 80 CRI**
Available CCT	**4000K or 5000K**
Warranty	**Ten-Year Warranty**

Product Overview

The ExsaBay Infinity round LED high bay is the premier choice over traditional HID and fluorescent lighting systems. Maintaining exceptional light levels, the ExsaBay Infinity is highly durable to withstand moisture and other contaminants across its ultra-long lifetime. In addition, it is a simple one-for-one high bay retrofit solution for applications needing a round aesthetic and uniform coverage. The ExsaBay Infinity will run circles around the competition and showcase your property in the best light with best-in-class LEDs and advanced thermal management.

Key Features

- Energy-efficient LED replacement for traditional fluorescent or HID systems.
- Compact design that integrates the driver into the housing for a streamlined aesthetic.
- IP65 rated; suitable for wet locations.
- Optional microwave/daylight harvesting sensor accessory available.

Construction

- Die-cast aluminum housing engineered to optimize thermal management and accelerate heat dissipation.
- Housing is pre-painted with standard white powder coat finish that is corrosion resistant.
- Flat tempered glass lens protects LEDs.

Electrical

- Voltage: 90-305V or 347-480V 50/60Hz driver.
- Dimming: 0-10V dimming standard.
- Surge Protection: Up to 6kV/3kA standard.
- Power Factor: ≥90%; THD: <20%
- Operating temperature: -40°C to +50°C (-40°F to +122°F)

Optics

- Industry-leading LEDs with 4000K or 5000K CCT (minimum 80 CRI).
- Lumen Maintenance: >100,000 hours (L70) [1]
- Optional clear polycarbonate reflector accessory available.

Mounting

- Hook mounting accessory and 6' cord provided for easy installation in the field.
- Consult factory for additional mounting accessories.

Warranty

- Backed by US LED's industry-leading Ten-Year Warranty.

Product Applications

- Retail Stores
- Warehouses
- Storage Facilities
- Industrial Facilities
- Manufacturing Facilities
- Gymnasiums
- Airport Hangars
- Commercial Buildings

Product Certifications

- ETL Listed for US & Canada
- Complies with UL 1598 and CSA 22.2
- IP65 Rated; Suitable for Wet Locations
- RoHS compliant

Intertek · RoHS · IP65 · ASSEMBLED IN USA

Ordering Information

Example: EBI1-1-UNVL-120-50-C-BK-N

EBI1 [ ] [ ] [ ] [ ] [ ] [ ] [ ]

Series	Variant	Input Voltage	Optics	CCT	Power	Finish	Sensor
	1 Standard	**UNVL** 90-305V	**120** 120°	**40** 4000K	**B** 100W	**BK** Black	**Y** Microwave Sensor
		UNVH 347-480V		**50** 5000K	**C** 120W	**WH** White	**D** Daylight Harvesting Sensor
					D 150W		**N** None
					E 200W		
					F 250W		
					G 300W		

[ ]

Accessories	
CLR	Clear Reflector (Polycarbonate)
BBU	Battery Back-Up

1. US LED product 'Lifetimes' refer only to the LED light engine, not the power source, and are based on the Illuminating Engineering Society's TM21 Projected Lumen Maintenance methodology at a 25° C / 77° F ambient temperature. The lifetimes are solely meant to be a guide for expected LED degradation and not a warranty or predictive of their actual life, which can be affected by ambient temperatures and other factors.

www.usled.com | 866-972-9191 | customerservice@usled.com
Due to continued product improvements, product specifications are subject to change without notice. Please visit www.usled.com for the most updated product specifications.

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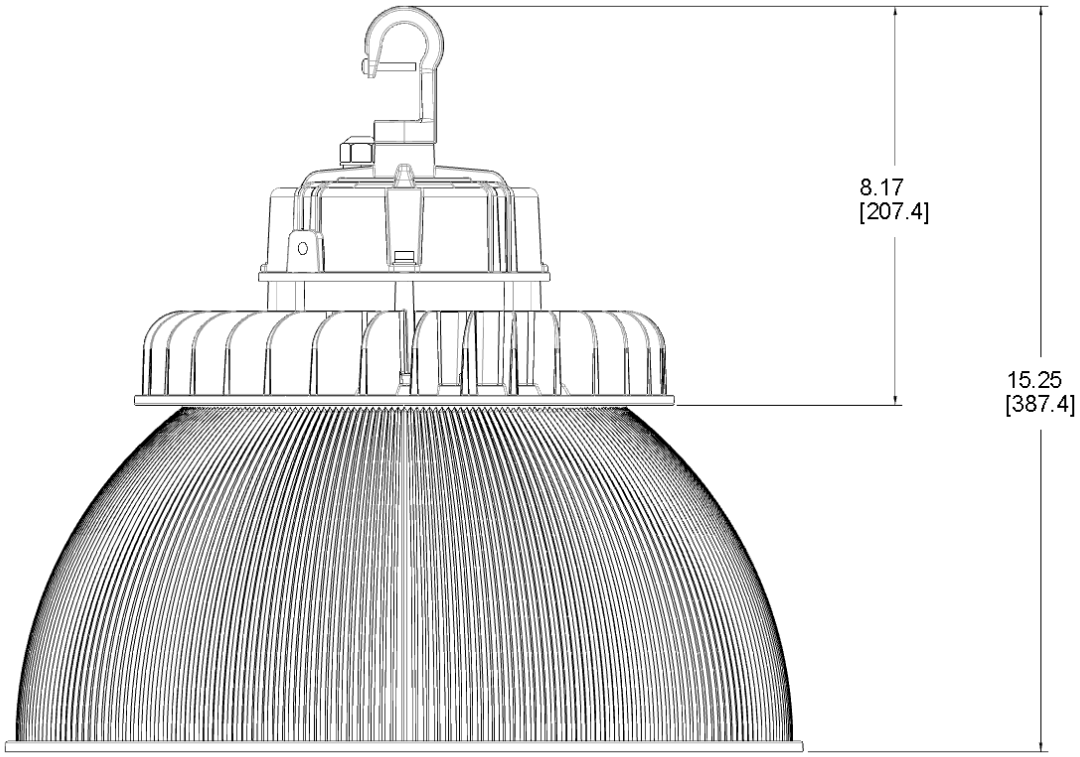
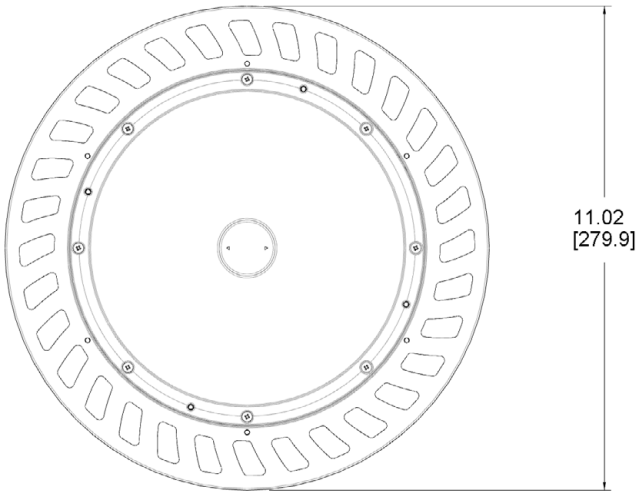
Dimensions

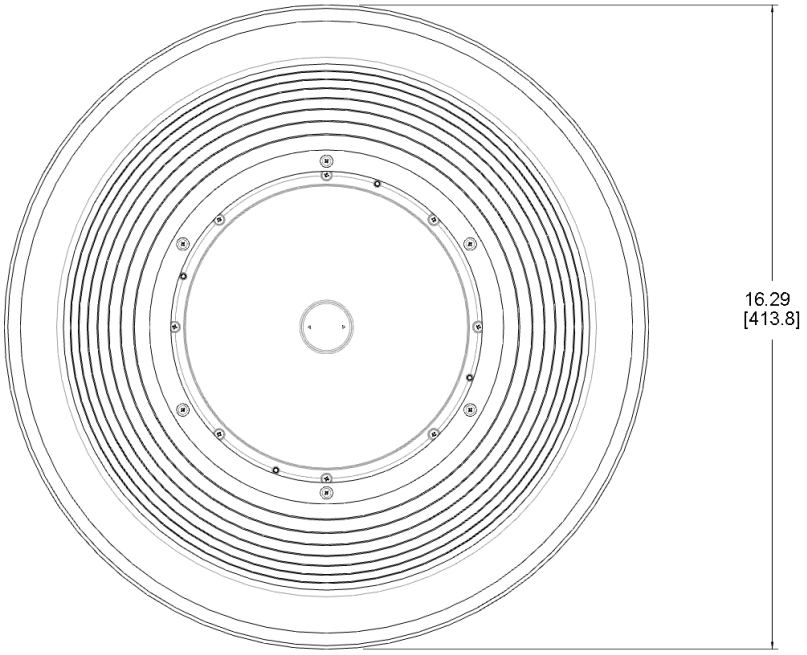
SIDE VIEW WITH REFRACTOR



BOTTOM VIEW WITHOUT REFRACTOR



BOTTOM VIEW WITH REFRACTOR



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Performance Data

Model	System Level Power	Delivered Lumens	Efficacy	CCT	L70 Calculated Lifetime
EBI1-1-UNVL-120-40-B-XX-N	103.7W	14,934	144	4000K	>100,000 Hours
EBI1-1-UNVL-120-40-C-XX-N	123.4W	18,325	149	4000K	>100,000 Hours
EBI1-1-UNVL-120-40-D-XX-N	150.9W	22,214	147	4000K	>100,000 Hours
EBI1-1-UNVL-120-40-E-XX-N	205.5W	29,970	146	4000K	>100,000 Hours
EBI1-1-UNVL-120-40-F-XX-N	245.9W	35,683	145	4000K	>100,000 Hours
EBI1-1-UNVL-120-40-G-XX-N	306.5W	44,923	147	4000K	>100,000 Hours

Accessories

Clear Polycarbonate Reflector [CLR]

16” Impact Resistant Polycarbonate

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