superbrightleds.com

HBUD2 Series

High Voltage LED UFO High Bay Specifications

Project _____

Date _____ Type _____

HBUD2-50K150HSD-HV

HIGH Voltage 277–480 VAC | 170 lm/W | 0–10 V Dimming | IP65 | 5 yr WARRANTY

Available Models[1]

Fixture Only
- ☐ HBUD2-50K150HSD-HV
- ☐ HBUD2-50K200HSD-HV
- ☐ HBUD2-50K300HSD-HV
- ☐ HBUD2-50K500HSD-HV

Fixture with Reflector
- ☐ HBUD2-50K150HSD-HV-PC
- ☐ HBUD2-50K200HSD-HV-PC
- ☐ HBUD2-50K300HSD-HV-PC

Part Number Breakdown

Example: HBUD2-50K150HSD-HV-PR

Series	CCT	Wattage	Efficacy	Driver	Dimming	Voltage	Accessory
HBUD2 [High Bay, UFO, Dimmable, V2]	**50K** [5000K]	**150** [150 W]	**H** [170 lm/W]	**S** [Sosen]	**D** [0–10 V]	**HV** [277–480 VAC]	**PC** [Reflector] or **blank** [none]
		200 [200 W]					
		300 [300 W]					
		500 [500 W]					**blank** [none]

Overview

The round high-voltage LED high bay is designed to lower maintenance costs by replacing traditional metal halide fixtures. The high bay is constructed with a powder-coated aluminum housing and polycarbonate lens. Built to resist water and dust, the UFO high bay has a waterproof IP65 rating. Install the fixture using the included stainless steel eye hook or use a compatible adjustable U-bracket (sold separately).

Features

- High voltage 277-480 VAC
- Mounts using the included eye hook
- Optional adjustable U-bracket available
- IP65 waterproof

Product Details

- Black aluminum housing
- Polycarbonate lens
- 0-10V dimming
- Eye hook for suspended mounting
- Compatible with optional reflector

Certifications and Compliances

- ETL Listed - UL 1598
- DLC 5.1 Premium listed

ETL Listed c US Intertek | DLC LISTED PREMIUM

Applications

- Distribution Centers
- Factories
- Gymnasiums
- Manufacturing Plants
- Packaging Facilities
- Retail Shops
- Supermarkets
- Warehouses
- Workshops

Warranty

- 5-year warranty

T 866.811.5550
F 314.972.6202
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[1]Contact customer service for additional options.

Rev V2.1 Date: 09/09/2025

Specifications are subject to change without notice.

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SPECIFICATIONS					
Model | HBUD2-		**50K150HSD-HV**	**50K200HSD-HV**	**50K300HSD-HV**	**50K500HSD-HV**
DLC Product ID		S-CNK8WI	S-FT8VA9	S-493SB1	S-2O65FN
PHOTOMETRIC					
Lumens		25500	34000	49500	82500
Efficacy		170 lm/W		165 lm/W	
CCT		5000K			
CRI		80+			
Beam Angle		100°			
ELECTRICAL					
Operating Voltage		277–480 VAC			
Wattage		150W	200W	300W	500W
Current Draw	277 VAC	540mA	720mA	1.1A	1.8A
	480 VAC	310mA	420mA	620mA	1.0A
Dimmer Type		0-10V			
Power Factor		≥0.90			
MECHANICAL					
Lens Type		Polycarbonate			
Product Materials		Aluminum Housing, Stainless Steel Eye Bolt			
Finish		Black Powder Coat			
Input Connection		Pigtail			
Wire Gauge		18AWG (L/N/G), 22AWG (dimming)			
Rated Life (L70)		50000 hours			
ENVIRONMENTAL					
IP Rating		IP65			
Environmental Rating		Suitable for Wet Locations, Waterproof			
Ambient Operating Temperature		-30 to 50°C (-22 to 122°F)			

Optional Accessories

U-Bracket

☐ HBUD-8-UB (for ≤300 W)

Motion Sensor

☐ HBUD-MS (277 VAC only)

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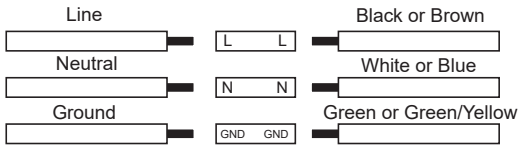
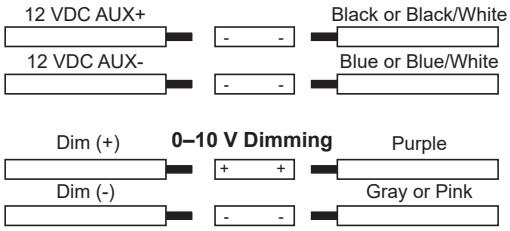
Wiring Diagram

277–480 VAC Input

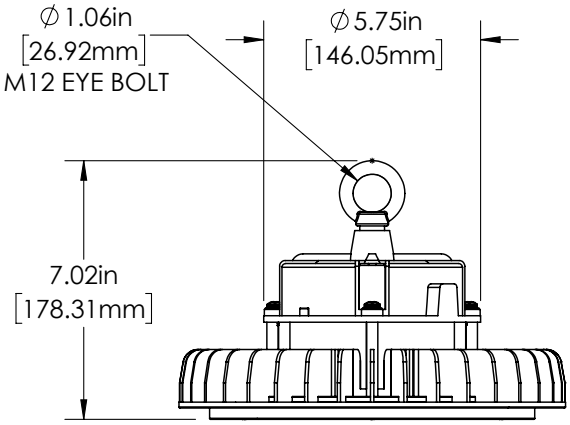


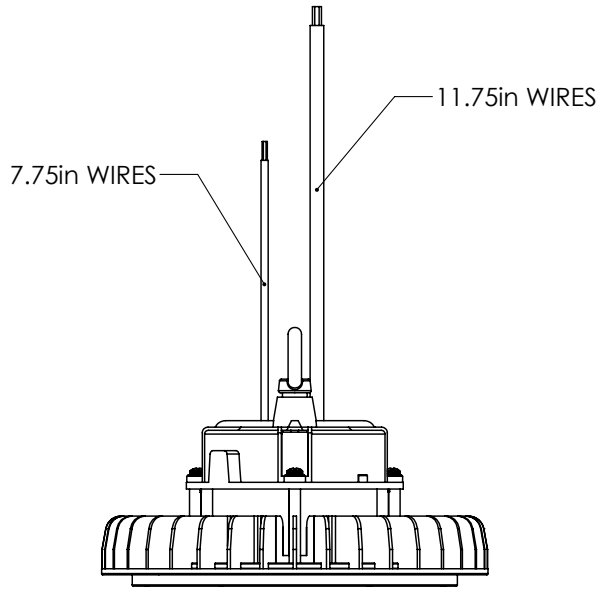
AUX (optional sensors)

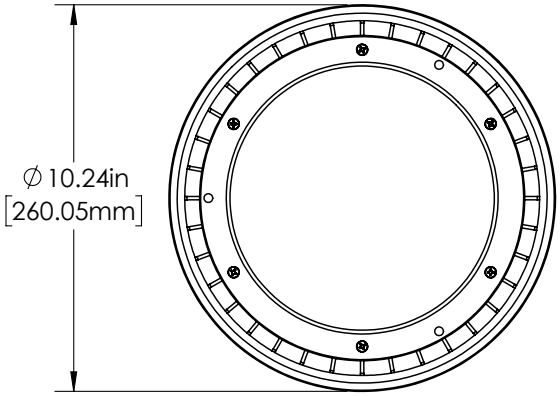


Dimensional Drawings

HBUD2-50K150HSD-HV







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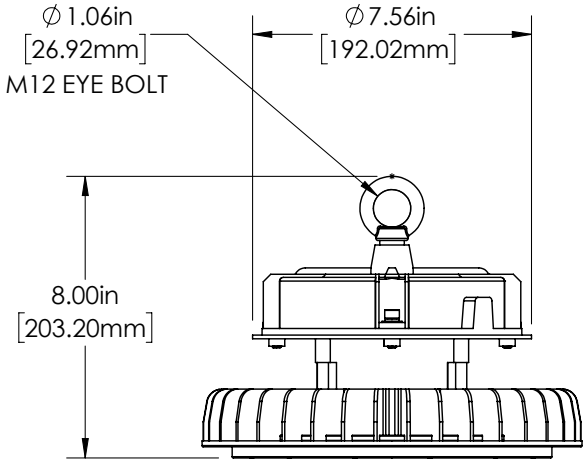
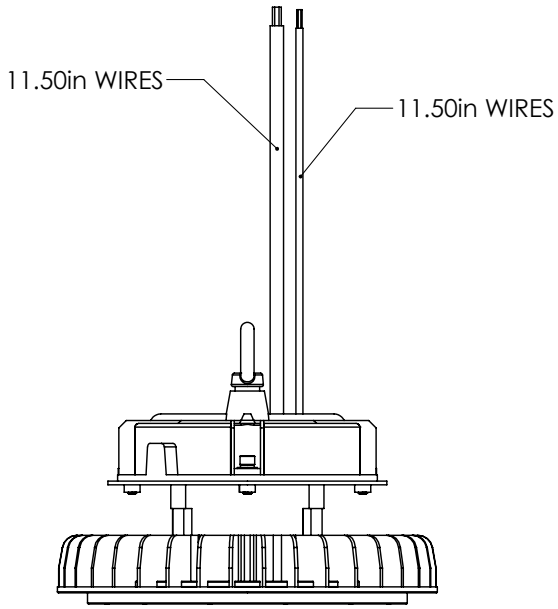
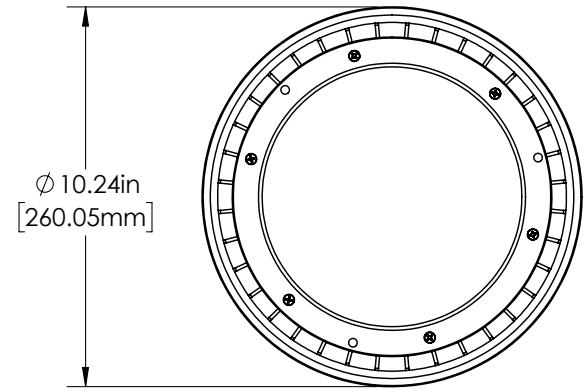
Dimensional Drawings

HBUD2-50K200HSD-HV







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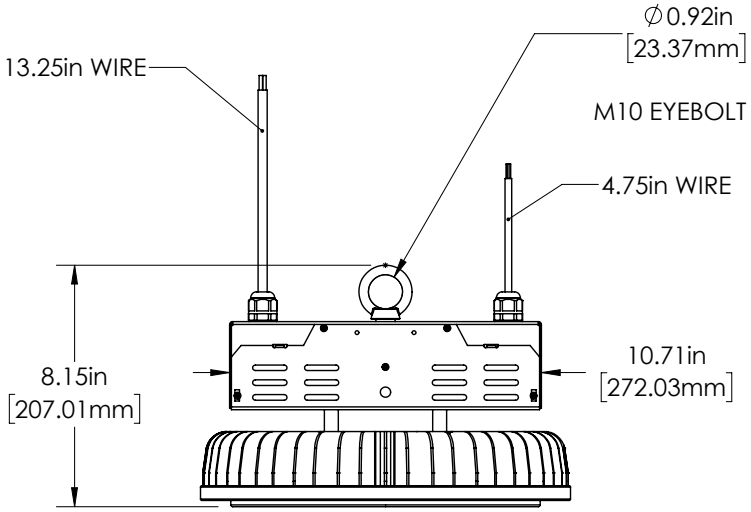
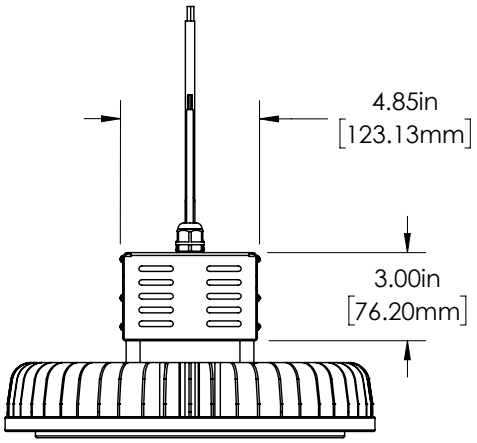
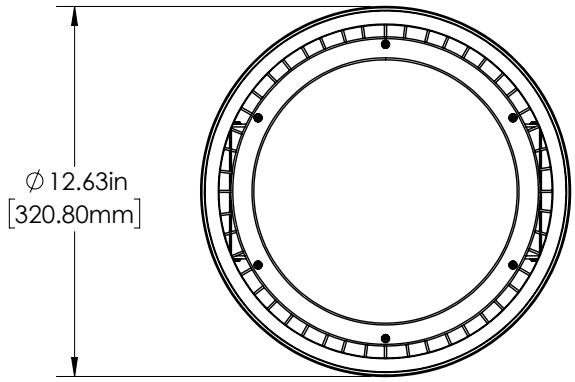
Dimensional Drawings

HBUD2-50K300HSD-HV







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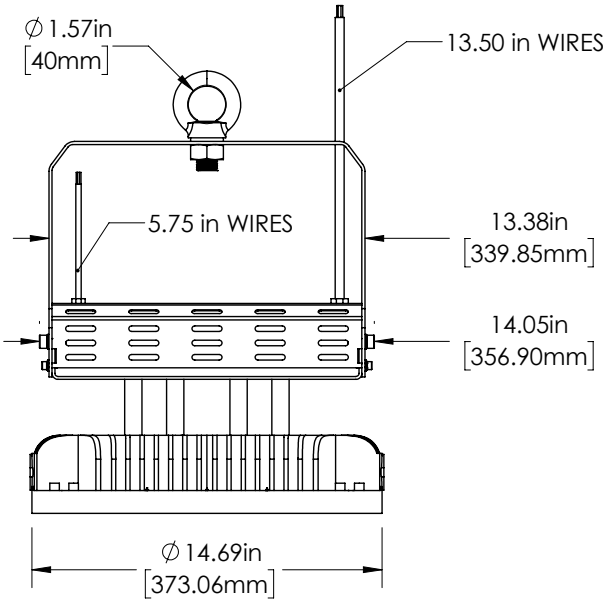
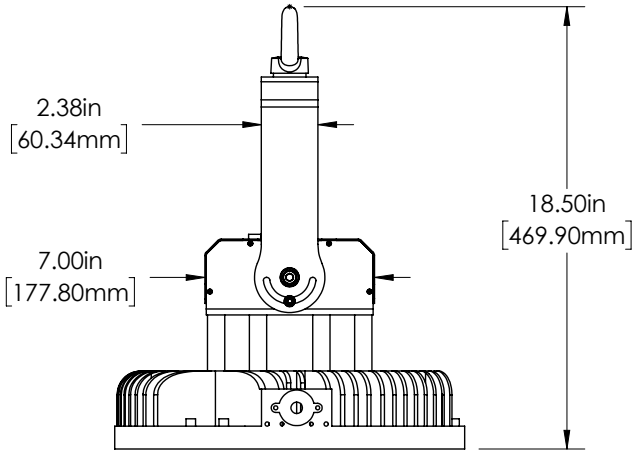
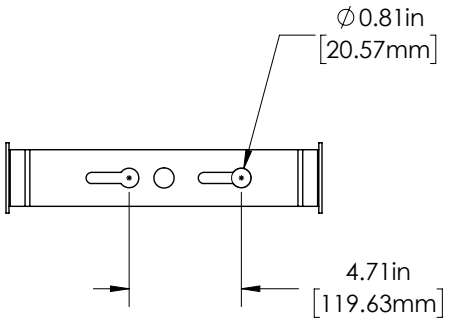
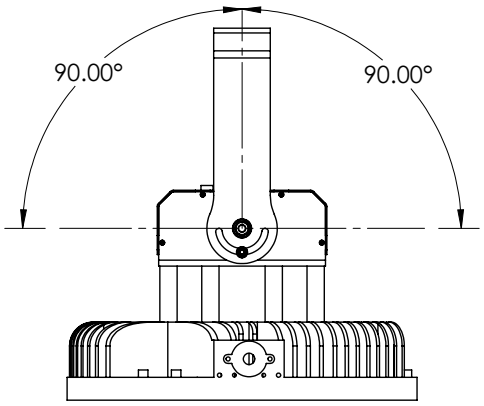
Dimensional Drawings

HBUD2-50K500HSD-HV









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