superbrightleds.com

HBUD2 LED UFO High Bay

High Voltage UFO High Bay Specifications

Project _____ Date _____

Type _____

HIGH Voltage 277–480 VAC | 165+ 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]	**blank** [none]
		200 [200 W]					
		300 [300 W]					**PC** [PC Reflector]
		500 [500 W]					

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 IP65 rating. Install the fixture using the included stainless steel eye hook or use a compatible adjustable U-bracket (sold separately).

Features

- 400-1,500W metal halide equivalency
- High voltage 277-480 VAC
- Mounts using the included eye hook
- Optional adjustable U-bracket available

Product Details

- Housing Material: black coated aluminum
- Lens: glass or polycarbonate (500W)
- Dimmer Type: 0-10V
- Eye hook for suspended mounting
- Compatible with optional reflector

Certifications and Compliances

- ETL Listed - UL 1598
- DLC 6.0 Standard 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

[1]Contact customer service if interested in other options.

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Rev V6.0 Date: 09/29/2026

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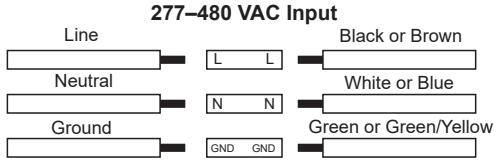
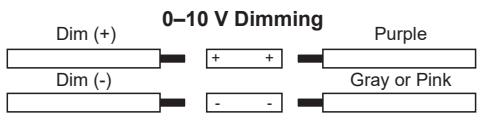
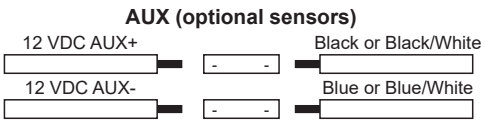
SPECIFICATIONS					
Model HBUD2-		**50K150HSD-HV**	**50K200HSD-HV**	**50K300HSD-HV**	**50K500HSD-HV**
DLC Product ID		S-CNK8WI	S-FT8VA9	S-493SB1	S-2O65FN
PHOTOMETRICS					
Lumens		25,500 Lumens	34,000 Lumens	49,500 Lumens	82,500 Lumens
Efficacy		170 lm/W		165 lm/W	
Color Temperature		5000K			
Beam Angle		100°			
CRI		80+			
ELECTRICAL					
Wattage		150 Watts	200 Watts	300 Watts	500 Watts
Current Draw	277 VAC	542 mA	722 mA	1.08 A	1.81 A
	480 VAC	313 mA	417 mA	625 mA	1.04 A
Operating Voltage		277–480 VAC			
Power Factor		≥0.9			
Dimming		0–10 V			
MECHANICAL					
Product Weight		5.7 lb (2.6 kg)*	8.5 lb (3.9 kg)*	14.3 lb (6.5 kg)*	31.1 lb (14.1 kg)
Lens Material		Glass			Polycarbonate
Product Materials		Aluminum Housing			
Rated Life (L70)		50,000 hours			
ENVIRONMENTAL					
IP Rating		IP65			
Environmental Rating		Suitable for Wet Locations			
Water Resistance		Water Resistant			
Ambient Operating Temperature		-30 to 50°C (-22 to 122°F)			

Wiring Diagram







*With Optional Reflector	
50K150HSD-HV	6.4 lb (2.9 kg)
50K200HSD-HV	9.2 lb (4.2 kg)
50K300HSD-HV	15.0 lb (6.8 kg)

PC Dimensions: DIA - 15.9 in. x H - 7.1 in.

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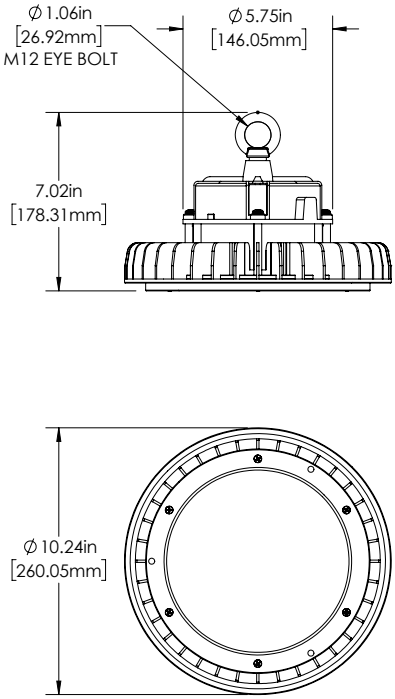
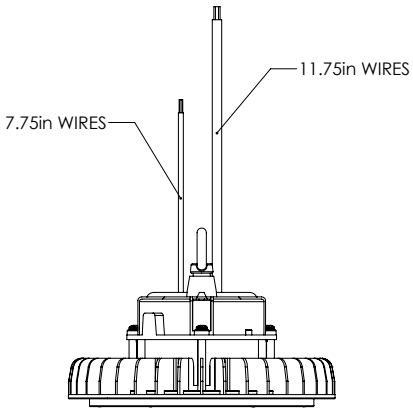
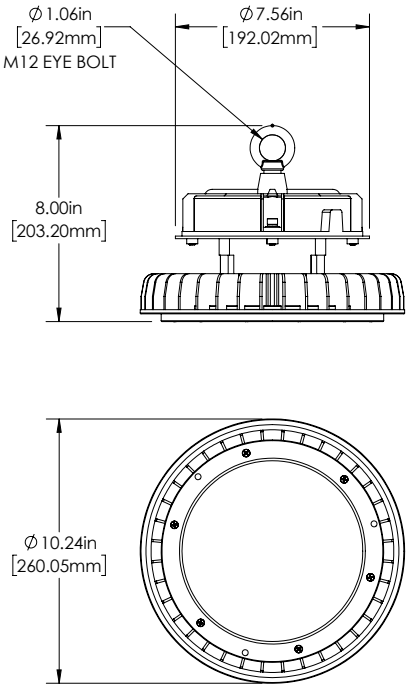
Dimensional Drawings

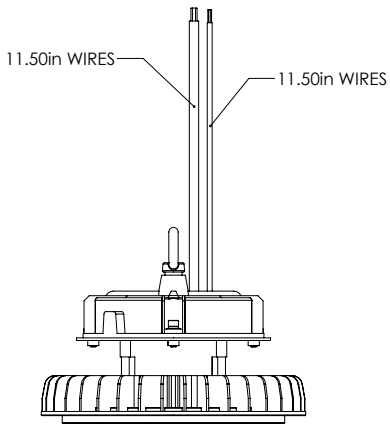
HBUD2-50K150HSD-HV





HBUD2-50K200HSD-HV





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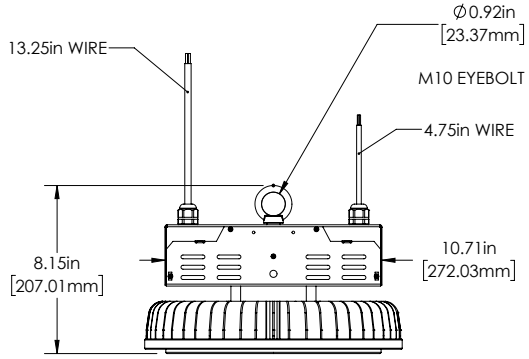
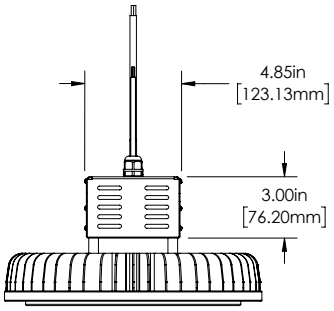
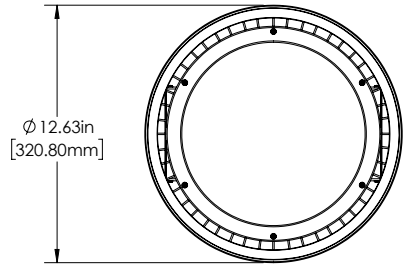
Dimensional Drawings

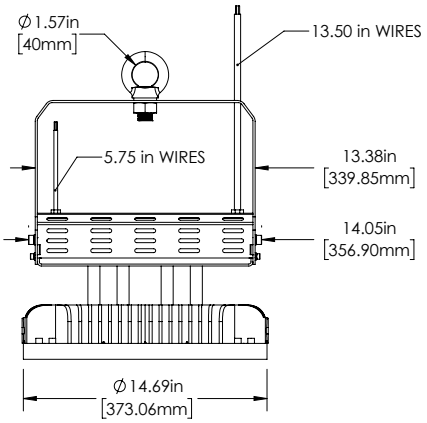
HBUD2-50K300HSD-HV

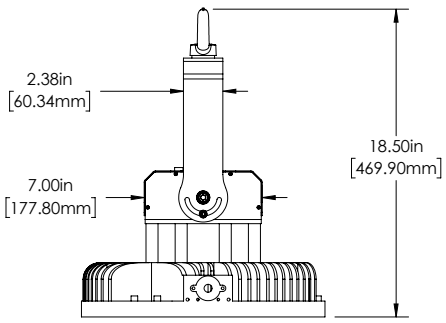


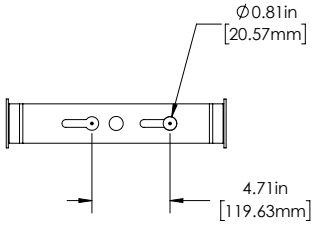


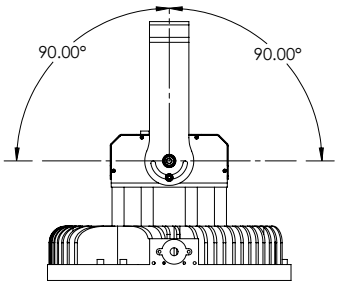


HBUD2-50K500HSD-HV









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