superbrightleds.com

HBUD2 Series

LED UFO High Bay Specifications

Project _____

Date _____ Type _____

HBUD2-50K300LSD

Voltage 100–277 VAC | 0–10 V Dimming | 170 lm/W | IP65 | 5 yr WARRANTY

Available Models[1]

- ☐ HBUD2-50K100LSD
- ☐ HBUD2-50K150LSD
- ☐ HBUD2-50K200LSD
- ☐ HBUD2-50K240LSD
- ☐ HBUD2-50K300LSD
- ☐ HBUD2-50K500LSD
- ☐ HBUD2-50K100LSD-PR
- ☐ HBUD2-50K150LSD-PR
- ☐ HBUD2-50K200LSD-PR
- ☐ HBUD2-50K240LSD-PR
- ☐ HBUD2-50K300LSD-PR

Part Number Breakdown

Example: HBUD2-50K100LSD-PR

Series	CCT	Wattage		Input Voltage	Driver	Dimming	Option
HBUD2 [High Bay UFO Downlight]	**50K** [5000K]	**100** [100W]	**150** [150W]	**L** [100-277 VAC]	**S** [SOSEN]	**D** [0-10V]	**PR** [Reflector] or **blank** [none]
		200 [200W]	**240** [240W]				
		300 [300W]	–				
		500 [500W]					**blank** [none]

Overview

The HBUD2 UFO LED high bay is a low-maintenance replacement for traditional metal halide fixtures. High-efficiency LED technology delivers a high-lumen output of cool white area lighting. The round high bay has a powder-coated aluminum housing, a clear glass lens, and an optional polycarbonate reflector for uniform light distribution and a traditional look (100-300W models only). An IP65 waterproof rating allows the fixture to withstand outdoor weather conditions. Install using the included stainless steel eye hook or compatible adjustable U-bracket (sold separately). Install an optional microwave motion sensor to maximize energy savings.

Features

- High +165lm/W efficiency - minimizes operating costs
- Up to 1500W metal halide equivalency
- Glare-reducing polycarbonate reflector is optional
- Includes eye hook for easy installation
- Further reduce energy costs with an optional motion sensor

Product Details

- Black aluminum housing, glass or polycarbonate (500W) lens
- IP65, suitable for wet locations
- 0-10 V dimming
- Suspension mount eye-hook included
- 100-277 VAC

Certifications and Compliances

- ETL Listed
- DLC 5.1 Premium listed

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
https://www.superbrightleds.com
email: commercial-sales@superbrightleds.com

[1]Contact customer service for additional options.

Rev V2.1 Date: 09/09/2025

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SPECIFICATIONS							
Model | HBUD2-		**50K100LSD**	**50K150LSD**	**50K200LSD**	**50K240LSD**	**50K300LSD**	**50K500LSD**
DLC Product ID		S-0EQ53B	S-IFZNK0	S-USN2KJ	S-86ZWUI	S-VCM5D6	S-4D8R1K
PHOTOMETRIC							
Lumens		17000	25500	33000	39600	49500	82500
Efficacy		170 lm/W		165 lm/W			
CCT		5000K					
CRI		70+					
Beam Angle		110°					
ELECTRICAL							
Operating Voltage		100–277 VAC					
Wattage		100W	150W	200W	240W	300W	500W
Current Draw	120 VAC	830mA	1.25A	1.7A	2.0A	2.5A	4.2A
	277 VAC	360mA	540mA	720mA	866mA	1.1A	1.8A
Dimmer Type		0-10V					
Power Factor		≥0.90					
Surge Protection		4 kV (L-N), 6 kV (L/N-G)					
MECHANICAL							
Lens Type		Glass					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)				-30 to 45°C (-22 to 113°F)	

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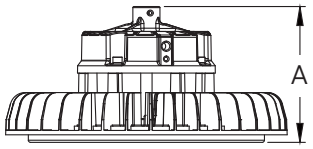
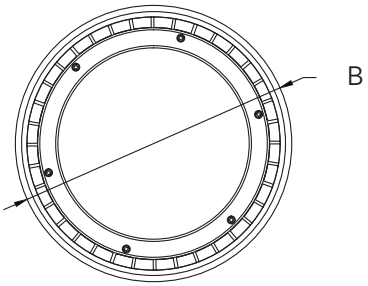
Dimensional Drawings





Model	A	B
HBUD2-50K100LSD	4.9 in. (125 mm)	10.2 in. (260 mm)
HBUD2-50K150LSD	4.9 in. (125 mm)	10.2 in. (260 mm)
HBUD2-50K200LSD	6.7 in. (170 mm)	10.4 in. (265 mm)
HBUD2-50K240LSD	6.7 in. (170 mm)	10.4 in. (265 mm)

Optional Accessories for 100-300W models

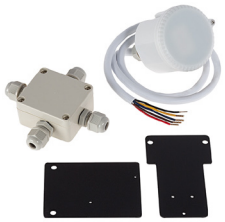
(sold separately)

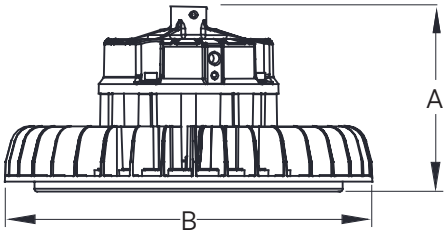
U-Bracket

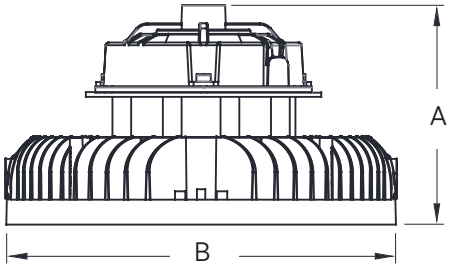
☐ HBUD-8-UB

Motion Sensor

☐ HBUD-MS



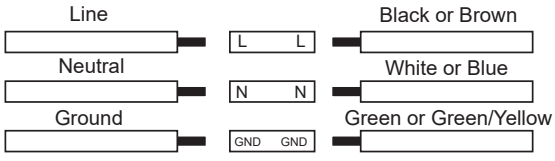




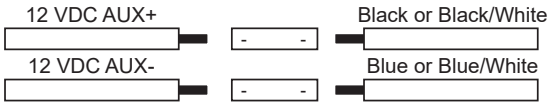
Model	A	B
HBUD2-50K300LSD	7.2 in. (182 mm)	12.8 in. (325 mm)
HBUD2-50K500LSD	8.8 in. (225 mm)	14.8 in. (375 mm)

Wiring Diagram

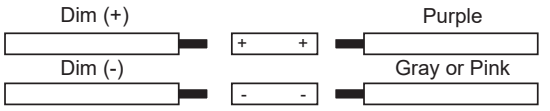
100–277 VAC Input



AUX (optional sensors)



0–10 V Dimming



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