



Project Name	Type
Part Number	Date / Note

Delta HBDB series is a functional LED high-bay luminaire that can directly replace HID and fluorescent fixtures of up to 400W. Its rugged, low-profile design and IP66 rating offer great versatility in applications, including industrial facilities, warehouses, big-box retail, gymnasium, and other high-ceiling indoor facilities. All Delta LED luminaires are driven by our industry-leading power electronics.

Construction

Die-cast aluminum alloy structure provides excellent heat dissipation for extended system life. White paint finish. The light engines are sealed with polycarbonate lenses and gaskets. The entire fixture is IP66 rated.

Electrical

High efficiency LED driver accept 120-277V universal voltage input, with standard 0-10V dimming, 347-480V optional. 10kV surge protection standard. Standard AC input wire: 10 feet.

Photometric

Available in 4000K and 5000K CCT, with CRI ≥ 80. TM-21 LED life L70 at 55°C ambient is over 60,000 hours reported, and 110,000 hours projected.

Optics

2 available optics: wide with 1.5 spacing criteria, and asymmetrical distribution for aisle applications. An acrylic reflector is available as an add-on accessory.

Mounting

HBDB series has a standard pendant mount accepting 3/4" NPT threaded conduit. A hook is included for chain mount, as well as a 5-ft safety cable. Options include a U-bracket for wall / ceiling mount, and an aircraft cable kit for hanging.

Compliance

Luminaires are UL listed and certified to U.S. and Canadian safety standards (UL1598). -40°C to 55°C (-40°F to 131°F) ambient, up to 60°C (140°F) on selected models. DLC, FCC 47 CFR 15 Class B and RoHS compliant.

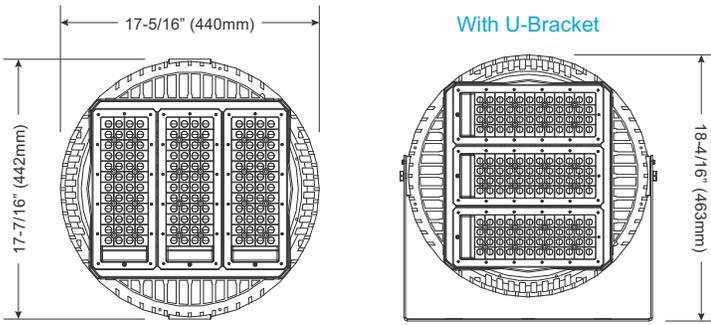
Warranty

Five-year warranty.

Ordering Information	Series	Wattage	CCT&CRI	Optics	Control	Voltage
HBDB-□-□-□□-□-□	HBDB					
Series	Wattage		CCT & CRI			
HBDB	F = 155W ± 10% H = 170W ± 10% J = 195W ± 10%	L = 200W ± 10% N = 210W ± 10%	4 = 4000K, CRI 80 5 = 5000K, CRI 80			
Optics	Control		Input Voltage			
H0 = Wide 100 degree Consult factory for other optics	0 = Standard 0-10V dimming M = With Occupancy Sensor		U = 120-277V Universal UH = 347-480V			



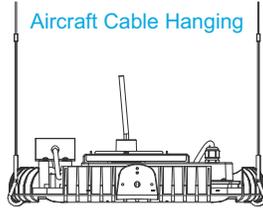
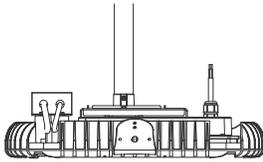
Accessories: MA-01001A Acrylic Reflector MA-01002A U-Bracket MA-01003A Aircraft Y-Cable Kit



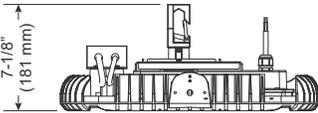
With U-Bracket

Pendant Mount

Aircraft Cable Hanging



Hook Mount



With U-Bracket



Acrylic Reflector



Pendant Mount (Standard)



Aircraft Cable Hanging



Hook Mount (Standard)



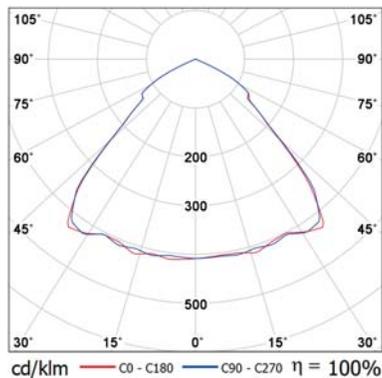
Occupancy Sensor (remote configurable)



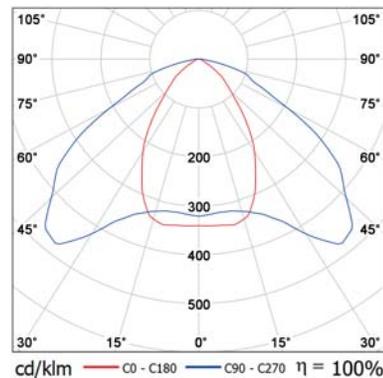
Part Number	Power	Input Voltage	CCT	Operating Temperature	Lumens	lm/W	Part Number	Power	Input Voltage	CCT	Operating Temperature	Lumens	lm/W
HBDBF5H00U	150W	120-277 Vac	5000K	60°C	18,500	125	HBDBL5H00U	200W	120-277 Vac	5000K	55°C	30,000	152
HBDBF4H00U	150W	120-277 Vac	4000K	60°C	18,000	121	HBDBL4H00U	200W	120-277 Vac	4000K	55°C	29,000	147
HBDBJ5H00U	195W	120-277 Vac	5000K	55°C	24,000	125	HBDBN5H00UH	210W	347-480 Vac	5000K	55°C	24,000	115
HBDBJ4H00U	195W	120-277 Vac	4000K	55°C	23,500	121	HBDBN4H00UH	210W	347-480 Vac	4000K	55°C	23,100	110
HBDBH5H00U	170W	120-277 Vac	5000K	60°C	26,000	152	HBDBJ5H0MU	195W	120 / 277 Vac	5000K	55°C	24,000	125
HBDBH4H00U	170W	120-277 Vac	4000K	60°C	25,000	147	HBDBJ4H0MU	195W	120 / 277 Vac	4000K	55°C	23,500	121

Lumen Multiplier • Reflector: 0.92

Wide 100° (1.5 spacing criteria)



Aisle (check with manufacturer for availability)



Mechanical Information

Weight	17.6 lbs (8kg) (standard)
	18.7 lbs (8.5kg) (with sensor)
Shipping Weight	21 lbs (9.5kg) (standard)
	22 lbs (10kg) (with sensor)

Electrical Specification

Power Factor	>0.9
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