

HBL

The LED High Bay Series



HUBBELL
Industrial Lighting

HEAVY INDUSTRIAL THE HBL SERIES LED HIGH BAY

Designed for tough, industrial environments, the Hubbell Industrial LED High Bay offers a customizable solution in an eco-smart, cost effective package.

- Individual LED optics
- Rugged / Thermal dissipating housing
- Easy installation and maintenance
- Superior energy savings
- Available with LiteGear®

RUGGED HOUSING DESIGN

- Cast aluminum design
- Hinge and latch mounting system
- CSA tested to UL1598 wet location
- IP56

OPTICAL DELIVERY SYSTEM

- Custom engineered LED optics for evenly distributed light
- Six individual LED light engines providing fail-safe redundancy
- Three distributions: aisle, narrow and wide
- Up to 100 Lumens per watt
- Standard 0-10V dimmable drivers
- 5000°K Standard

PERFORMANCE ENHANCING OPTIONS

LiteGear®

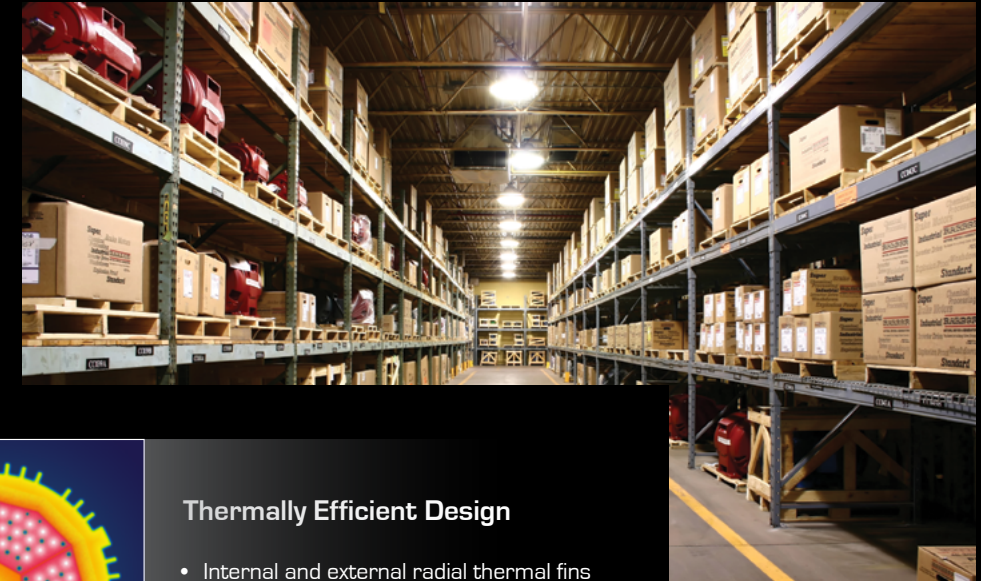
For emergency egress lighting, the Industrial LED High Bay is compatible with the 250VA LiteGear® inverters.

Visit www.Dual-Lite.com for more information.

Note: One (1) LED high bay per LG2S

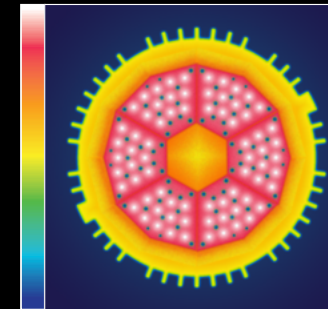


APPLICATION GUIDE



(9) LED ARRAY CONFIGURATIONS

LUMEN DISTRIBUTION	LED COUNT			AVG LPW
	48	60	72	
AISLE	10,213	12,776	15,319	96
NARROW	11,206	14,007	16,808	97
WIDE	10,778	13,472	16,166	95
WATTS	112	139	169	



Thermally Efficient Design

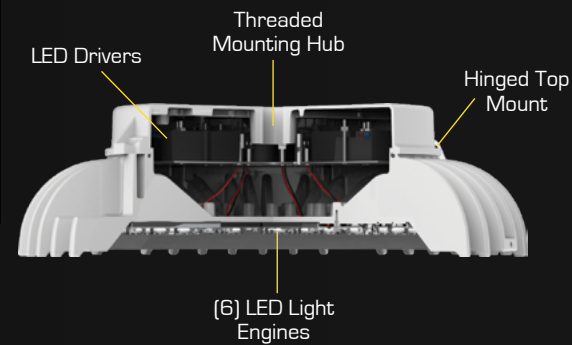
- Internal and external radial thermal fins
- Cool-running, long-life LEDs
- -40 °C to 45 °C ambient rated

EASY INSTALLATION AND MAINTENANCE

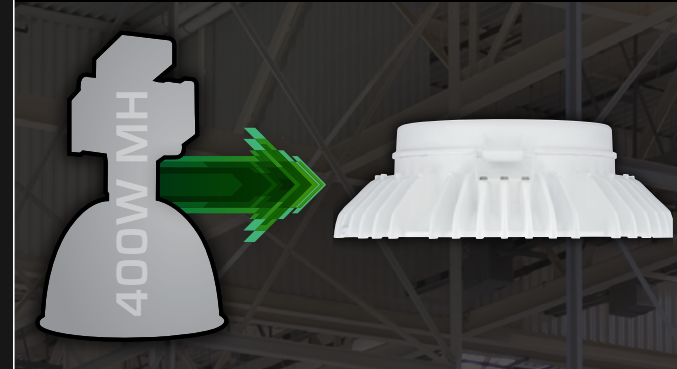


RETRO-FIT READY

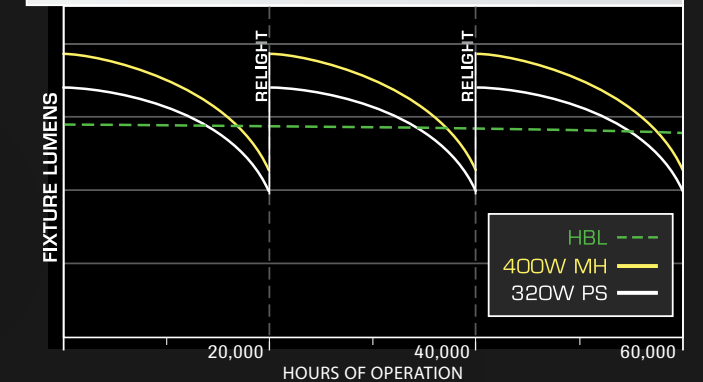
- Fast and easy installation
- Easy access for fixture maintenance
- Field replaceable light engines and drivers
- "No Tool" hinge and latch mounting system



ONE-FOR-ONE REPLACEMENT



LUMEN MAINTENANCE COMPARISON

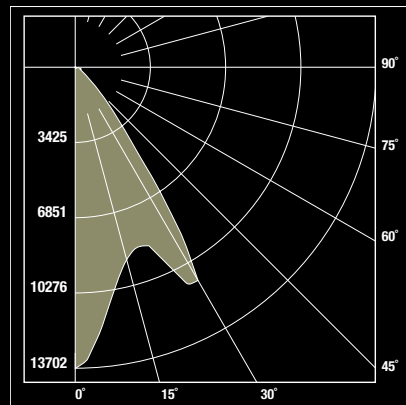




- Ideal for efficiently and economically lighting large interior and heavy industrial spaces
- Three distinct light distributions: aisle, narrow and wide
- High output LEDs deliver up to 100 lumens per watt
- Individually engineered LED optics providing optimally controlled and evenly distributed light
- Sealed optic for long life and UL1598 Wet Location Listing, IP66 with factory installed ENCG option
- Specialized thermal management allows up to 55°C ambient temperature ratings
- Multiple LED configurations: 48, 60 and 72 LEDs on up to six individual light engines providing fail-safe redundancy
- Standard 0-10V Dimmable Drivers
- 2700°K to 5000°K Color Temperature
- Ambient limited to 35°C for Ceiling Mount (X) option
- Minimum operating temperature of -40 °C
- Five Year Warranty

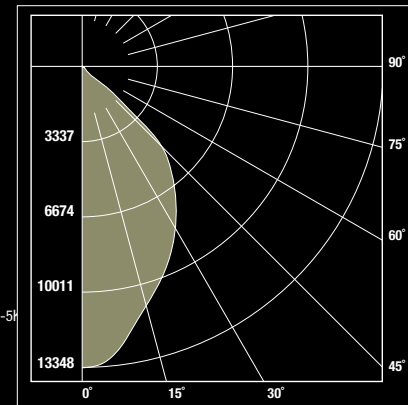
PHOTOMETRY

Aisle



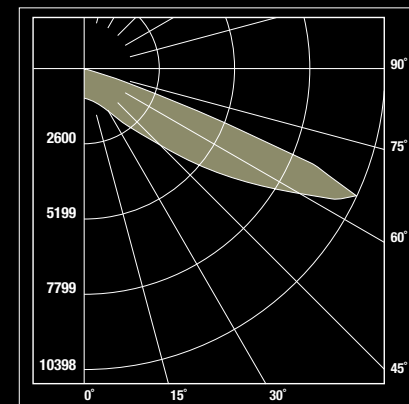
HBL-72LU-5K-A-070-WH

Narrow



HBL-72LU-5K-A-070-WH

Wide



HBL-72LU-5K-W-070-WH

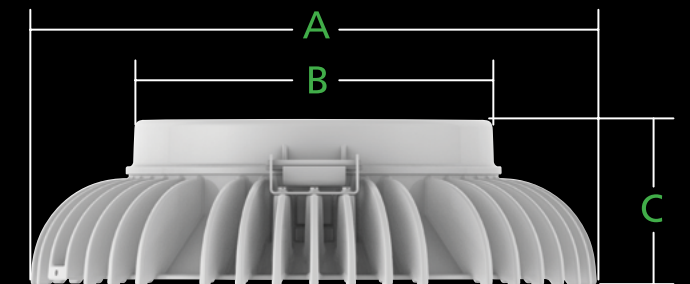
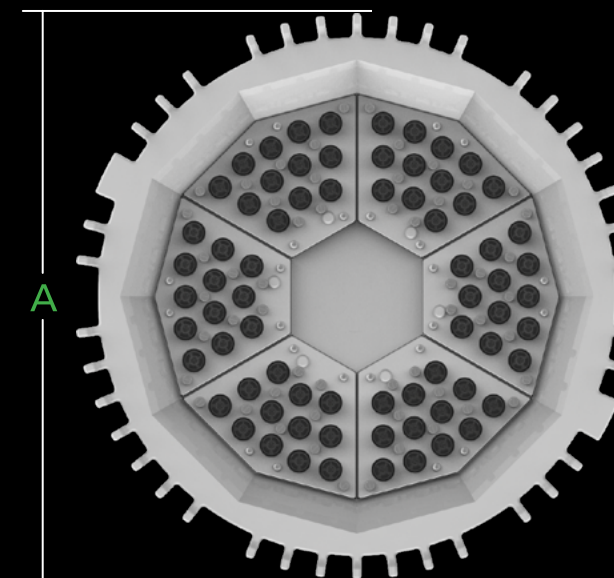
HBL	-		-		-		-		-	070	-		-	
SERIES														
HBL LED High Bay	MOUNT	HUB	DISTRIBUTION	COLORS										
	A Pendant	2 3/4" Hub	N Narrow	BL Black										
	C Cone	Available with A, C, X and Y Mount	W Wide	GR Gray										
	S Straight stanchion	3 1" Hub	A Aisle	WH White										
NUMBER OF LEDS	X Ceiling	Available with A, C, X Mount	COLOR TEMPERATURE	DRIVE CURRENT										
48L 48 High brightness LEDs	Y Yoke	4 1 1/4" Hub	27K 2700K	070 700 MA	OPTIONS									
60L 60 High brightness LEDs	Note: Ceiling Mount limited to 35°C ambient conditions	5 1 1/2" Hub	3K 3000K		Fx Fusing (Replace "x" with voltage - Refer to spec sheet for more info.)									
72L 72 High brightness LEDs	VOLTAGE	Available with S Mount	35K 3500K	DIMMING	ENCA Frosted Acrylic Protective Lens									
	U 120 - 277V		4K 4000K	CD Continuous Dimming	ENCG Glass Protective Lens									
	1 120V		5K 5000K	ND Non-Dimming	OCS Occupancy Sensor									
	2 208V		Note: Refer to product spec sheet for more details		OCS(360) 360° Pattern									
	3 240V				OCS(A) Aisle Pattern									
	4 277V				WG Bottom Wire Gaurd									
	5 480V				SL Sag Lens, Translucent White									
					FP UL Sanitation, Food Processing									
					TLRX Top Luminaire Retainer									

Notes: Voltage must be specified for Fusing and Occupancy Sensor compatibility. Refer to product spec sheet for 480V specification requirements

Catalog Number	Description
H00K/LOOP	Fixture Mounting Hook
BLA-C4HLPX	Cord and Plug Set
LG250	DUAL-LITE 250 VA LiteGear Emergency Lighting Inverter
TLRX	Top Luminaire Retainer

Note: One (1) LED High Bay per LG250

Notes:
 1. OCS unavailable with ENCA or ENCG options
 2. OCS and WIHUBB options can not be specified together



Dimensions A B C
 18" 11" 6"



For more information scan the QR using your smart phone or visit www.hubbellindustrial.com





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