



HBL

HEAVY INDUSTRIAL
HIGH BAY

Columbia
LIGHTING

Current 

HBL

HEAVY INDUSTRIAL HIGH BAY

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

Features

- 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*®

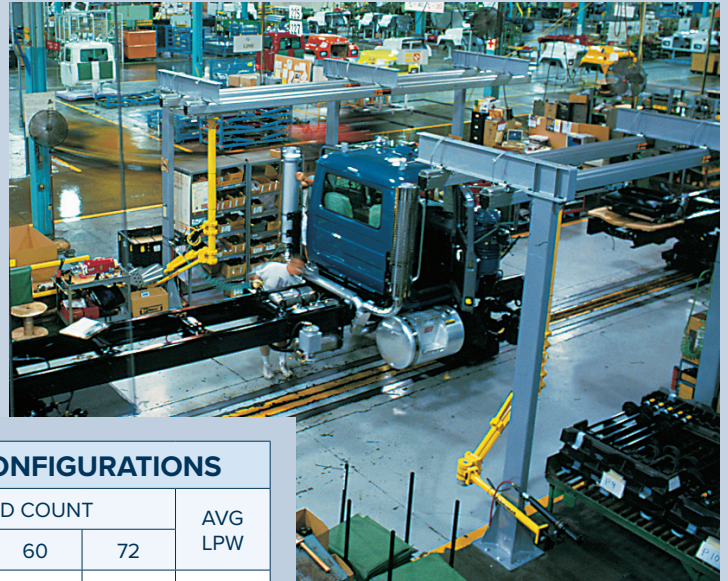
For emergency egress lighting, the HBL LED High Bay is compatible with the 250VA LiteGear® inverters. Visit www.Dual-Lite.com for more information.

Note: One (1) LED high bay per LG2S





Application Guide

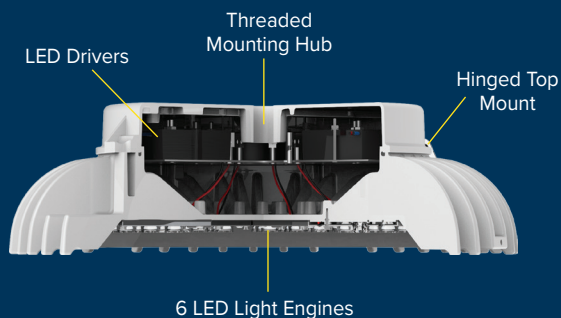


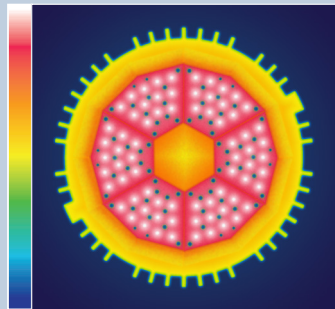
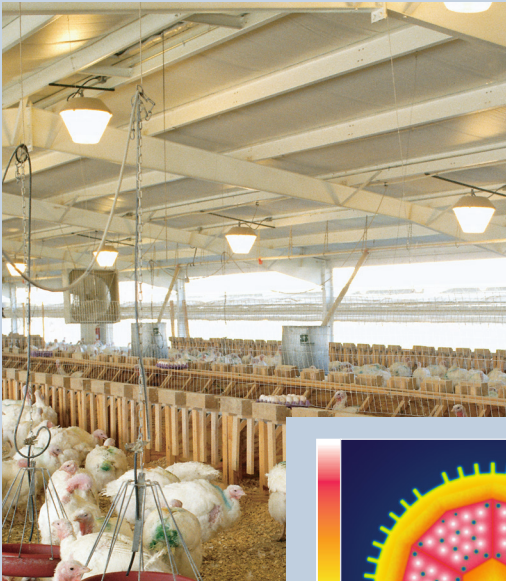
9 LED ARRAY CONFIGURATIONS

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	—

Easy Installation & Maintenance

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



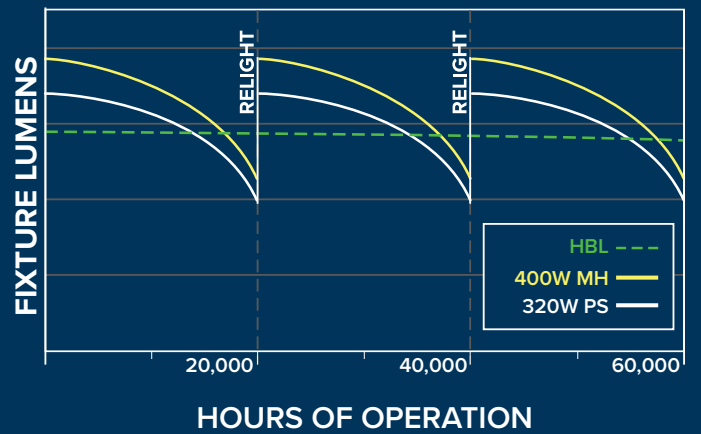


THERMALLY EFFICIENT DESIGN

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



LUMEN MAINTENANCE COMPARISON



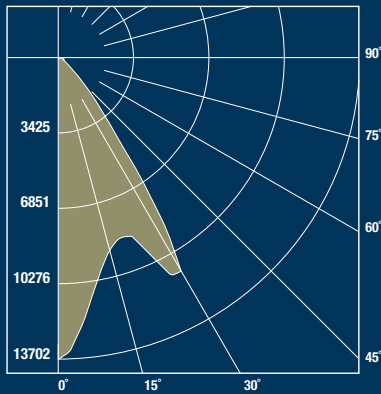
Key Features



- 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 UL 1598 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
- 2700K to 5000K Color Temperature
- Ambient limited to 35°C for Ceiling Mount (X) option
- Minimum operating temperature of -40°C
- Five Year Warranty

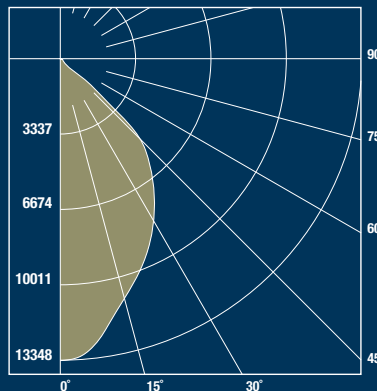
Photometry

Aisle



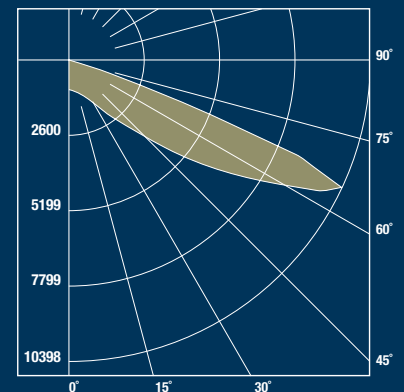
HBL-72LU-5K-A-070-WH

Narrow



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

Wide



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

Ordering Guide

Example: HBL-72LU-A2-5K-N-070-ND-WH

HBL							070							
Model	Number of LEDs		Voltage ¹		Mount	Hub	Color Temp ⁶		Distribution	Drive Current	Dimming			
HBL LED High Bay	48L	48 High brightness LEDs	U	120-277V	A	2 3/4" ³	27	2700K	N	Narrow	070	700 mA	CD	Continuous Dimming
	60L	60 High brightness LEDs	1	120V	C	3 1" ⁴	30	3000K	W	Wide			ND	Non Dimming
	72L	72 High brightness LEDs	2	208V	S	4 1 1/4"	35	3500K	A	Aisle				
			3	240V	X	Ceiling ²	40	4000K						
			4	277V	Y	5 1 1/2" ⁵	50	5000K						

Colors	Options
BL Black	F(x) Fusing (replace "x" with voltage) ⁷
GR Gray	ENCA Frosted Acrylic Protective Lens
WH White	ENCG Glass Protective Lens
	OCS360 Occupancy Detector 360° Pattern ^{1,8}
	OCSA Occupancy Detector Aisle Pattern ^{1,8}
	WG Zinc Plated Wire Guard
	SL Sag Lens Translucent white
	FP UL Sanitation for Food Processing
	TLRX Top Luminaire Retainer

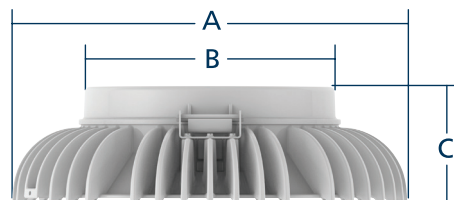
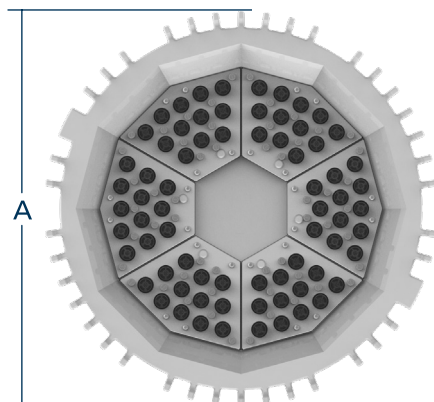
Accessories (Order Separately)

- HOOK/LOOP Fixture Mounting Hook
- BLA-C4HLPX Cord and Plug Set
- LG250 Dual-Lite 250 VA LiteGear® Emergency Lighting Inverter
- TLRX Top Luminaire Retainer

Notes:

- 1 Voltage must be specified for Fusing and Occupancy Sensor compatibility
- 2 Ceiling Mount limited to 35°C ambient conditions
- 3 Available with A, C, X and Y Mount
- 4 Available with A, C, X Mount
- 5 Available with S Mount
- 6 See Color Temp De-Rating factors table on pg.3
- 7 F(X) Fixture fuse. Replace X with voltage: 1 = 120V, 2 = 208V, 3 = 240V, 4 = 277V
- 8 OCS unavailable with SL, ENCA or ENCG

Dimensions



Dimensions	A	B	C
	18"	11"	6"

Current

Current Lighting Solutions, LLC

701 Millennium Blvd.
Greenville, SC 29607

currentlighting.com/columbialighting

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