

LHBB

Linear High Bay Luminaire



MECHANICAL

- Aluminum alloy heatsink
- Adjustable 6ft steel cable supplied for mounting
- 3/4-inch knockout for pendant mounting

APPLICATION

- For use in indoor, non-corrosive environments
- Warehouses, factories, utilities areas, gymnasiums, etc.
- -40° to 50°C ambient operating temperature

OPTICAL

- Standard 120° lens
- Field installable 90° & 50° 90° lenses available

ELECTRICAL

- 0-10V, dimming to 10%
- Field installable sensor/control options available

CERTIFICATIONS

- UL 1598 (US & Canada), suitable for damp locations
- FCC Part 15 Subpart B, Class A
- ROHS compliant, contains no lead or mercury
- Select models are DesignLights Consortium qualified. Consult www.designlights.org/QPL

WARRANTY

- Shorter of 120 Months or 50,000 hours of operation

ORDERING GUIDE

EXAMPLE: LHBB-200W-840-U-560-120-VA-4-2

Series	Wattage	CRI (nom.)	Color Temp.	Voltage	LED Count	Beam Angle	Driver Type	Length	Lightbar qty
LHBB	100	8: >80	40 - 4000K 50 - 5000K	U= 120-277 VAC H**= 347-480 VAC	(See model table)	120 = 120° 90 = 90° 50*90 = 50° x 90°	SF : UNV SL: UNV SM: HRV VA: UNV	2 = 2ft	2
	150							4 = 4ft	2
	200								
	240								
	300								
400*		4							

*400W only available in 5000K

** #347V-480V models only available with 200W & 300W

ACCESSORIES (ORDER SEPARATELY)	
LHB-ACC-LENS-90-4	LHBB 4 ft 90° lens for field install
LHB-ACC-LENS-5090-4	LHBB 4 ft 50x90° lens for field install
BT-FMS-A	Bluetooth® Controller & Sensor, 120/277/347VAC (field installed)

DESIGNLIGHTS CONSORTIUM® QPL LISTED PRODUCTS

Model Number
LHBB-100W-840-U-280-120-SL-2-2
LHBB-100W-850-U-280-120-SL-2-2
LHBB-150W-840-U-440-120-VA-2-2
LHBB-150W-850-U-440-120-VA-2-2

Model Number
LHBB-200W-840-H-560-120-SM-4-2
LHBB-200W-840-U-560-120-VA-4-2
LHBB-200W-850-H-560-120-SM-4-2
LHBB-200W-850-U-560-120-VA-4-2

Model Number
LHBB-240W-840-U-680-120-VA-4-2
LHBB-240W-850-U-680-120-VA-4-2
LHBB-300W-840-H-880-120-SM-4-2
LHBB-300W-840-U-880-120-VA-4-2

Model Number
LHBB-300W-850-H-880-120-SM-4-2
LHBB-300W-850-U-880-120-VA-4-2
LHBB-400W-850-U-1120-120-VA-4-4



PERFORMANCE SPECIFICATION:

Model	Watts (nom.)	Input Amps (120V)	Input Amps (277V)	Input Amps (347V)	Input Amps (480V)	Delivered Lumens	lm/W	PF	THD
LHBB-75W-8xx-U-220-120-SL-2-2 *	75	0.69	0.30	-	-	11250	150	>0.9	<15%
LHBB-75W-8xx-H-220-120-SL-2-2 *	75	-	-	0.24	0.17	11250	150	>0.9	<15%
LHBB-100W-8xx-U-280-120-SL-2-2	100	0.93	0.40	-	-	15000	150	>0.9	<15%
LHBB-100W-8xx-H-280-120-SL-2-2 *	100	-	-	0.32	0.23	15000	150	>0.9	<15%
LHBB-150W-8xx-U-440-120-VA-2-2	150	1.39	0.60	-	-	22500	150	>0.9	<15%
LHBB-150W-8xx-H-440-120-VA-2-2	150	-	-	0.48	0.35	22500	150	>0.9	<15%
LHBB-200W-8xx-U-560-120-VA-4-2	200	1.85	0.80	-	-	30000	150	>0.9	<15%
LHBB-200W-8xx-H-560-120-SM-4-2	200	-	-	0.64	0.46	30000	150	>0.9	<15%
LHBB-240W-8xx-U-680-120-VA-4-2	240	2.22	0.96	-	-	36000	150	>0.9	<15%
LHBB-240W-8xx-H-680-120-VA-4-2	240	-	-	0.80	0.57	36000	150	>0.9	<15%
LHBB-300W-8xx-U-880-120-VA-4-2	300	2.78	1.2	-	-	45000	150	>0.9	<15%
LHBB-300W-8xx-H-880-120-SM-4-2	300	-	-	0.96	0.69	45000	150	>0.9	<15%
LHBB-400W-8xx-U-1120-120-VA-4-4	400	3.7	1.6	-	-	60000	150	>0.9	<15%
LHBB-400W-8xx-H-1120-120-VA-4-4 *	400	-	-	1.12	0.8	60000	150	>0.9	<15%

*Product not in stock, lead time required.

PERFORMANCE NOTES:

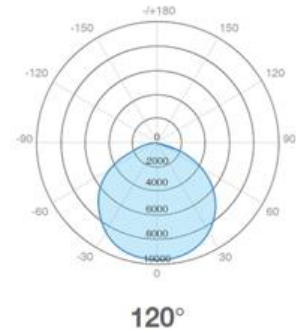
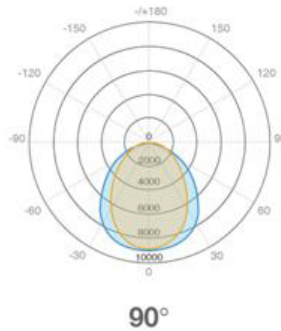
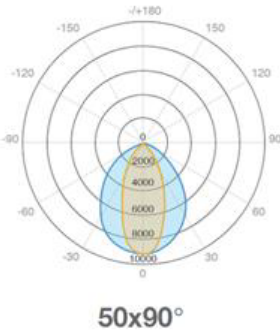
- Delivered lumens and LPW data provided for 5000K model at 25 C with standard 120 optic
- Specifications subject to change without notice



OPERATING DATA:

Lumen Maintenance:	L85 > 60,000 hours
Min. Starting Temp.:	-40°C (-40°F)
EMI/RFI:	FCC Part 15, Class A

Power Factor:	>0.9
THD:	<15%
Input Power Frequency:	50/60 Hz



DIMENSIONS:

