

Adjustable LED High Bay

Prefix: HBLA



The HBLA is a field adjustable, 0-10V dimming, full-body, premium-performance LED high bay luminaire. It is designed to illuminate a wide variety of settings, including commercial, industrial & retail settings such as warehouses, manufacturing facilities, sporting venues and big-box retailers. With a painted steel housing and pmma frosted lens, the HBLA provides high levels of durability and performance. High-efficacy, long-life LEDs provide both energy and maintenance cost savings compared to traditional high bay fixtures.

Adjustable LED High Bay
(optional wire guard available)



project:

fixture type:

catalog #:

quantity:

ORDERING GUIDE

EXAMPLE: HBLA-15L-4K

HBLA	-	-	-	-
MODEL				
HBLA -Field adjustable high bay with 0-10V dimming and a pmma frosted lens				
	Lumen Output Selectable	Kelvin Selectable	Driver Voltage	Occupancy ¹ Sensor
	15L - 15,000 lms (109W) 23L - 23,000 lms (166W) 30L - 30,000 lms (217W)	4K - 4000k 5K - 5000K	Blank - 120-277V	OS - Passive infrared ODS - Microwave SNH-21x - Philips Wireless Sensor (EasySense) † † † Blank - No Sensor

Accessories (Ordered Separately)

Wire Guard

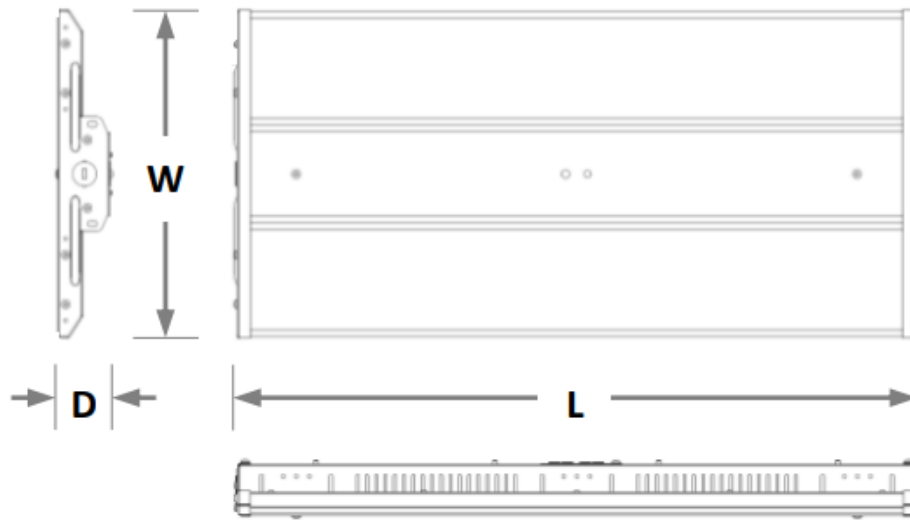
- HBLA-WGK-24X4 = Wire-guard kit – 15L & 23L
- HBLA-WGK-24X5 = Wire-guard kit – 30L

Mounting Options

- LEDHB-PMK-S = Pendant mount kit – all models
- LEDHB-SMK-S = Surface mount kit – all models

¹Luminaires with the OS sensor installed have a maximum mounting height of 26 FT.
 † † † PIR sensors provide: Occupancy/Vacancy, Daylight Harvesting, Task Tuning & Advanced Grouping control options. (max 12 ft mounting height, highbay options available upon request)

Dimensions



Model	Length (L)	Width (W)	Depth (D)	Weight
15L	26"	12"	2"	7.7 lbs.
23L	26"	12"	2"	9.0 lbs.
30L	26"	14"	2"	10.0 lbs.

Electrical Data

Model	Color Temperature	CRI ¹	Luminaire Lumens	Luminaire Watts	Lumens/Watt	Input Voltage ²	Input Current (A)			Power Factor	THD ³	L ₇₀ Hours ⁴
							120V	240V	277V			
HBLA-15L-4K	4000k	>80	15,297	109	140	120-277	0.91	0.45	0.39	>0.90	<20%	174,000
HBLA-15L-5K	5000k	>80	15,471	109	141	120-277	0.91	0.45	0.39	>0.90	<20%	174,000
HBLA-23L-4K	4000k	>80	22,970	166	139	120-277	1.38	0.69	0.60	>0.90	<20%	174,000
HBLA-23L-5K	5000k	>80	23,223	166	140	120-277	1.38	0.69	0.60	>0.90	<20%	174,000
HBLA-30L-4K	4000k	>80	30,394	217	140	120-277	1.81	0.90	0.78	>0.90	<20%	174,000
HBLA-30L-5K	5000k	>80	30,742	217	142	120-277	1.81	0.90	0.78	>0.90	<20%	174,000

¹ Color rendering index.

² All 50-60Hz.

³ Total harmonic distortion.

⁴ L₇₀ refers to the number of hours at which lumen output declines to 70% of the initial level. L₇₀ hours are IES TM-21-11 calculated hours.

Photometric Data

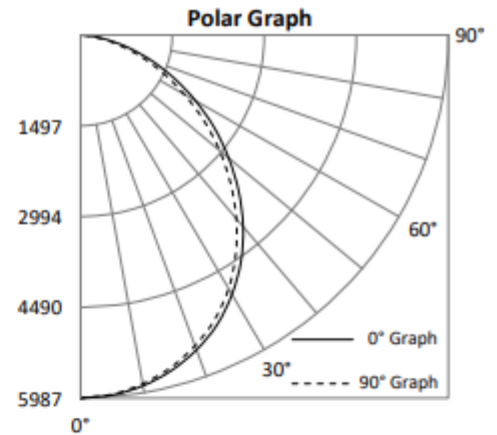
HBLA-15L-4K

Luminaire Data

Description	LED ADJUSTABLE HIGH BAY - 15L 4K
Total Lumens	15,297
Input Wattage	109
Efficacy (lm/W)	140
Spacing Criterion (0-180°)	1.24
Spacing Criterion (90-270°)	1.22

Zonal Lumen Summary

Zone	Lumens	%Fixt
0-20°	2,180	14.2%
0-30°	4,594	30.0%
0-40°	7,421	48.5%
20-50°	8,022	52.4%
40-70°	6,737	44.0%
0-60°	12,531	81.9%
0-80°	15,008	98.1%
0-90°	15,211	99.4%
90-180°	86	0.6%
0-180°	15,297	100.0%



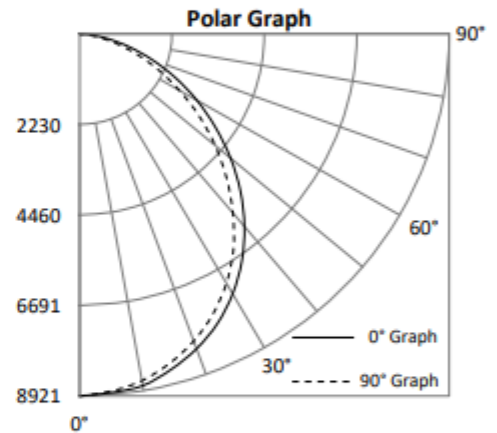
HBLA-23L-4K

Luminaire Data

Description	LED ADJUSTABLE HIGH BAY - 23L 4K
Total Lumens	22,970
Input Wattage	166
Efficacy (lm/W)	139
Spacing Criterion (0-180°)	1.24
Spacing Criterion (90-270°)	1.20

Zonal Lumen Summary

Zone	Lumens	%Fixt
0-20°	3,256	14.2%
0-30°	6,872	29.9%
0-40°	11,118	48.4%
20-50°	12,051	52.5%
40-70°	10,169	44.3%
0-60°	18,825	82.0%
0-80°	22,571	98.3%
0-90°	22,858	99.5%
90-180°	112	0.5%
0-180°	22,970	100.0%



HBLA-30L-4K

Luminaire Data

Description	LED ADJUSTABLE HIGH BAY - 30L 4K
Total Lumens	30,394
Input Wattage	217
Efficacy (lm/W)	140
Spacing Criterion (0-180°)	1.24
Spacing Criterion (90-270°)	1.22

Zonal Lumen Summary

Zone	Lumens	%Fixt
0-20°	4,281	14.1%
0-30°	9,022	29.7%
0-40°	14,585	48.0%
20-50°	15,813	52.0%
40-70°	13,516	44.5%
0-60°	24,772	81.5%
0-80°	29,863	98.3%
0-90°	30,265	99.6%
90-180°	129	0.4%
0-180°	30,394	100.0%

