

Product Overview

The HBLA Linear High Bay is available in 12,000, 40,000, 50,000, and 60,000 lumen packages, each with field-selectable lumens and CCT for application flexibility. Sensor-ready out of the box, HBLA offers two sensor options for enhanced control and energy savings (sensor and remote sold separately). Three emergency drivers provide dependable backup lighting during power outages.



Model Overview

Data is based on the 4000K CCT setting.

Model:	HBLA18L	HBLA24L	HBLA36L	HBLA60L
Lumens:	12,454 15,387 18,260	15,480 18,164 23,772	24,204 29,825 35,415	26,167 47,698 59,177
Wattage	81 103 127	97 116 158	151 192 235	224 305 389
LPW	153	159	160	161
Operating Temperature:	40°C to 55°C (-40°F to 131°F)	40°C to 55°C (-40°F to 131°F)	40°C to 50°C (-40°F to 122°F)	40°C to 50°C (-40°F to 122°F)

Key Features

Color Temperature:	4000K 5000K	Housing:	Premium powder coat, die cast aluminum
CRI:	80	Finish:	White
Optics Beam Angle:	Wide	Mounting Options:	Chain-mount kits with v-hooks and 1-meter long chain are included
Light Source:	LED	Lifespan:	135,000
Dimmable:	0-10V Dimming leads are available for use in the field	Warranty:	5-Yr Limited Warranty
Voltage:	120-277V	Ratings and Certifications:	cULus, Damp Location, FCC Part 15, Subpart B, Class A

Ordering Information

Refer to the ordering table to select the appropriate options for your application.

Example: HBLA18LWDULSCTWH

SERIES	LUMENS	OPTICS	VOLTAGE	CCT	FINISH	BATTERY BACKUP
HBLA	18L 18,000 Lumens 24L 24,000 Lumens 36L 36,000 Lumens 60L 60,000 Lumens	WD Wide Distribution	UL 120-277V	SCT 4000K 5000K	WH White	Blank EM10 Battery Backup 10 EM13 Battery Backup 13 EM25 Battery Backup 25



Performance Data

Luminaire Performance

PRODUCT	MEASUREMENTS	CRI	LOW LUMENS		MEDIUM LUMENS		HIGH LUMENS	
			4000K	5000K	4000K	5000K	4000K	5000K
HBLA18L	Lumens	80	12,454	12,245	15,387	14,987	18,260	17,662
	Watt		81	82	103	105	127	130
	LPW		153	148	148	142	143	135
HBLA24L	Lumens	80	15,480	15,446	18,164	17,944	23,772	23,281
	Watt		97	98	116	117	158	161
	LPW		159	157	156	152	150	145
HBLA36L	Lumens	80	24,204	24,004	29,825	29,339	35,415	34,727
	Watt		151	154	192	196	235	242
	LPW		160	156	155	149	150	143
HBLA60L	Lumens	80	36,167	36,380	47,698	47,582	59,177	58,175
	Watt		224	228	305	309	389	397
	LPW		161	160	156	154	152	148

Emergency Driver Performance

PART NUMBER	EM10		EM13		EM25	
MODEL	WATTS	EM LUMENS	WATTS	EM LUMENS	WATTS	EM LUMENS
HBLA18L	10	1400	13	1820	25	3500
HBLA24L	10	1500	13	1950	25	3750
HBLA36L	10	1400	13	1820	25	3500
HBLA60L	10	1500	13	1950	25	3750

Electrical Performance

OPERATING TEMPERATURE RANGE	ESTIMATED L ₇₀ LIFETIME @ 25°C (77°F)	POWER FACTOR	TOTAL HARMONIC DISTORTION	DIMMABLE	SURGE PROTECTION
HBLA18L and HBLA24L -40°C to 55°C (-40°F to 131°F)	L70>135,000Hrs.	>0.9 at full load	<20% at full load	0-10V Dimming leads are available for use in the field	6kV
HBLA36L and HBLA60L -40°C to 50°C (-40°F to 122°F)					



Website: www.lightingproplus.com

Office: 7095 South Ballpark Drive, STE 320, Franklin WI 53132

Customer Service: (833) 730-3259

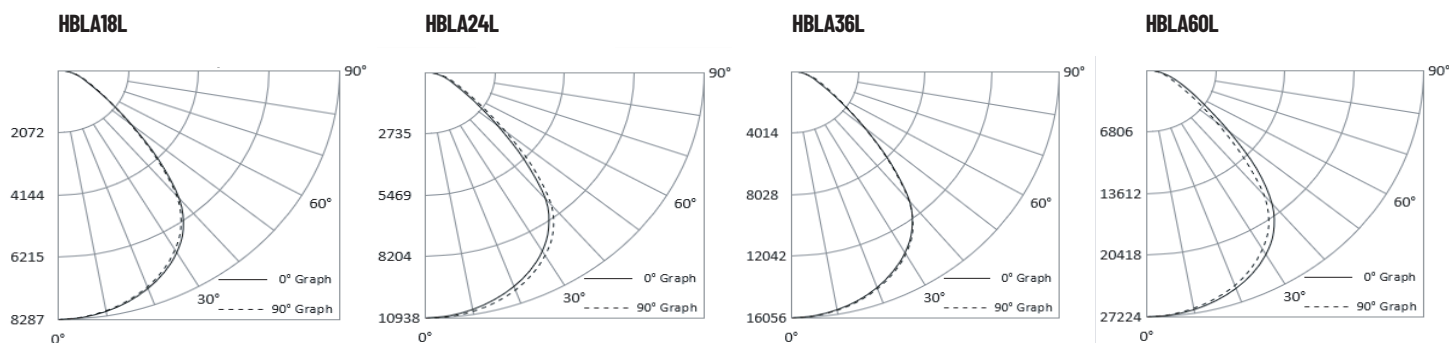
Email: support@lightingproplus.com

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AMP Draw

	CCT	LOW LUMENS			MID LUMENS			HIGH LUMENS		
		120V	240V	277V	120V	240V	277V	120V	240V	277V
HBLA18L	4000K	0.68	0.34	0.29	0.86	0.43	0.37	1.06	0.53	0.46
	5000K	0.69	0.34	0.30	0.88	0.44	0.38	1.09	0.54	0.47
HBLA24L	4000K	0.81	0.41	0.35	0.97	0.48	0.42	1.32	0.66	0.57
	5000K	0.82	0.41	0.36	0.98	0.49	0.43	1.35	0.67	0.58
HBLA36L	4000K	1.26	0.63	0.55	1.60	0.8	0.69	1.96	0.98	0.85
	5000K	1.29	0.64	0.56	1.64	0.82	0.71	2.02	1.01	0.87
HBLA60L	4000K	1.87	0.94	0.81	2.54	1.27	1.1	3.25	1.62	1.41
	5000K	1.90	0.95	0.82	2.58	1.29	1.12	3.31	1.66	1.44

Photometric Distribution



Website: www.lightingproplus.com

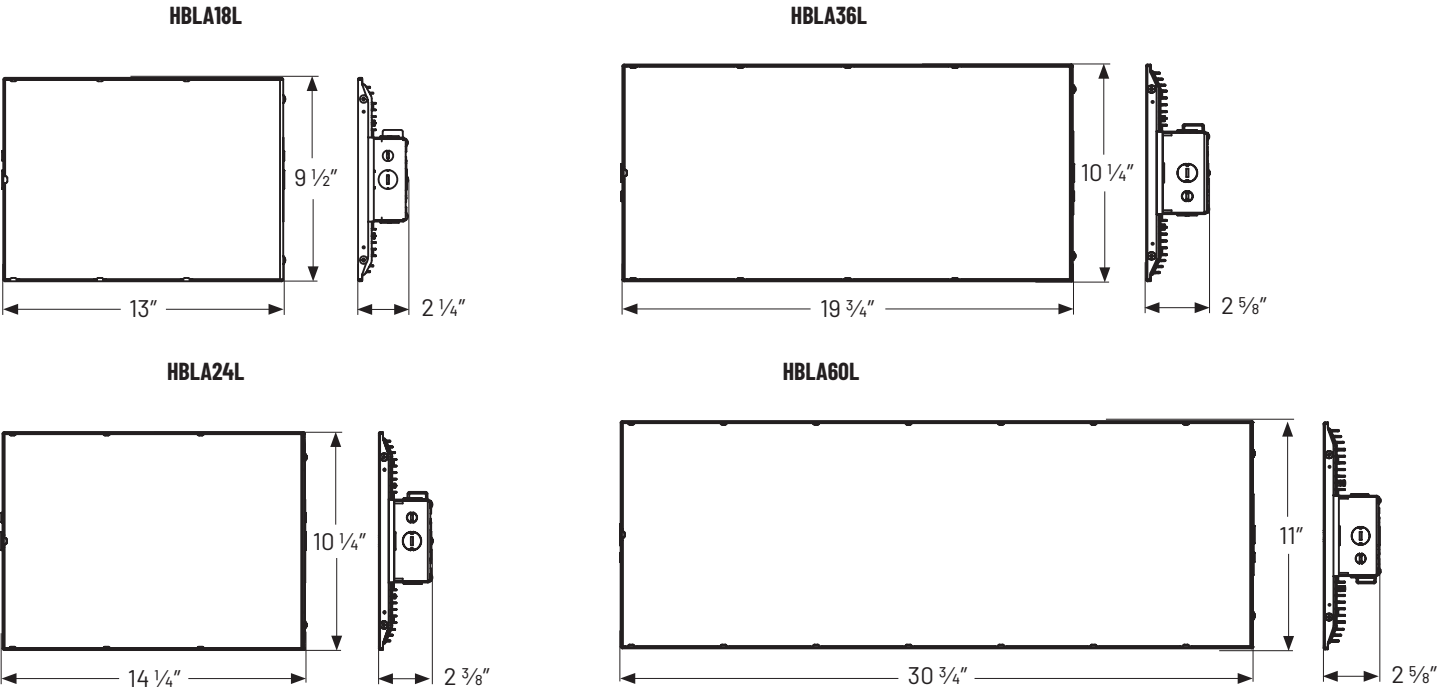
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Line Drawings



Fixture Dimensions				
SERIES	MOUNTING OPTIONS	RECOMMENDED MOUNTING HEIGHT	PRODUCT DIMENSIONS (L x W x H - FRACTIONS ROUNDED UP TO THE NEAREST 1/8")	PRODUCT WEIGHT (LBS.)
HBLA18L	Chain Mounting (Included) Chain-mount kits with v-hooks and 1-meter long chain are included	12 to 18 Feet	13" L x 9 1/2" W x 2 1/4" H	3.7
HBLA24L	Surface Mounting Optional surface mounting kit provides attachment to solid surfaces	15 to 24 Feet	14 1/4" L x 10 1/4" W x 2 3/8" H	4.5
HBLA36L	Pendant Mounting Optional pendant mounting kit provides pendant attachment to 1/2" rigid conduit	24 to 36 Feet	19 3/4" L x 10 1/4" W x 2 5/8" H	6.5
HBLA60L	Cable Mounting Optional cable mount kit provides luminaire suspension	36 to 60 Feet	30 3/4" L x 11" W x 2 5/8" H	9.25



Accessories

SURFACE MOUNT KIT SKU: FHBSR-SMK USE: Optional surface mounting kit provides attachment to solid surfaces	PENDANT MOUNT SKU: FHBSR-PMK USE: Optional pendant mounting kit provides pendant attachment to 1/2" rigid conduit
3 METER CABLE MOUNT KIT SKU: CMK3 USE: A complete mounting kit designed to securely install and support cables over a 3-meter length	5 METER CABLE MOUNT KIT SKU: CMK5 USE: A complete mounting kit designed to securely install and support cables over a 5-meter length
EM10 EMERGENCY DRIVER SKU: BLEM-CP-10C USE: Remote Mount EM Drivers	EM13 EMERGENCY DRIVER SKU: BLEM-CP-13C USE: Remote Mount EM Drivers
EM25 EMERGENCY DRIVER SKU: BLEM-CP-25C USE: Remote Mount EM Drivers	REMOTE CONTROL SKU: HD05R USE: Required to change factory settings on HD07VR-PH-1-90 & HD07VR-MH-B-1-90
PASSIVE INFRARED SENSOR SKU: HD07VR-PH-1-90 USE: Passive infrared motion sensor with 90° elbow adaptor. Maximum mounting height = 39FT. HD07VR series has 5-dial setting capability. Factory settings for sensor: Detection Area =100% Hold Time = 5 sec Stand-By Period = 0 sec Stand-By Dimming Level = 10% Daylight Threshold = Disabled	MICROWAVE STEP-DIMMING SENSOR SKU: HD07VR-MH-B-1-90 USE: Microwave step-dimming motion sensor with 90°elbow adaptor. Maximum mounting height = 49FT. HD07VR series has 5-dial setting capability. Factory settings for sensor: Detection Area =100% Hold Time = 5 sec Stand-By Period = 0 sec Stand-By Dimming Level = 10% Daylight Threshold = Disabled

