



HBLI-X

LED Linear High Bay with Selectable CCT and Lumen

Introduction

- ◆ The HBLI-X Linear High Bay, is a super compact design using die-cast housing, with the clean and integral structure.
- ◆ Making it saving a lot of shipping cost and easier to install. Standard 6,10KV surge protection, making it steady running under the poor power condition.
- ◆ HBLI-X offers two levels efficiency, 150lm/w as standard and 170lm/w for high efficiency version.
- ◆ The whole family with two different sizes. Motion sensor and remote controller are available. Also Zhaga base or emergency battery back up is optional.
- ◆ It widely used for warehouse and storage, industrial facilities, sports facilities, gyms and etc.

Features

Construction

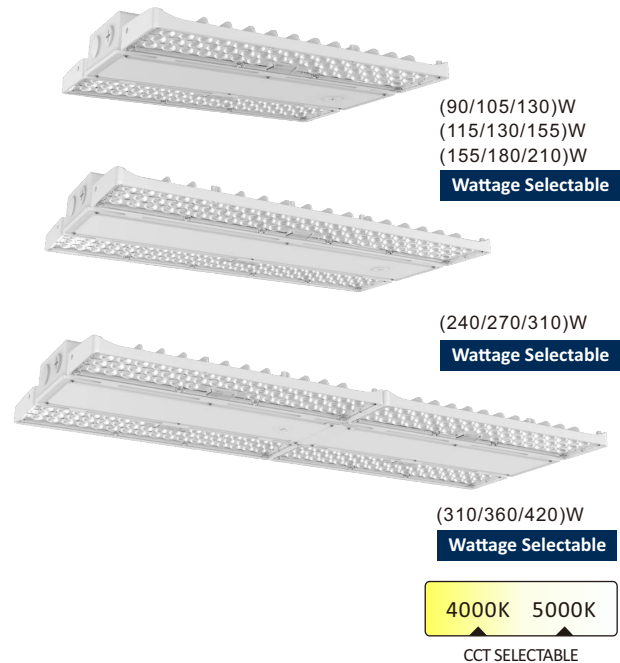
- ◆ HBLI-X linear high bay features a die-cast aluminum housing. Powder coat corrosion resistant finish.

Electrical:

- ◆ 0-10V dimmable driver, which can dim from 100% down to off.
- ◆ Input voltage 120-277V/277-480V for US market, 120-347V for Canada market, and 50/60Hz.
- ◆ Designed to withstand up to L/N-PE:10kV,L-N:6kV surge(120-277V/120-347V/277-480V).

Optics :

- ◆ Single CCT, Selectable CCT 4000K or 5000K (Default setting) , CRI >80.
- ◆ Polycarbonate lens with high angle cut-off design, UGR<28 meet DLC 5.1 premium.
- ◆ General Optic Lens and Aisle Optic Lens are available.



Finish :

- ◆ White color is standard.

Ambient Temperature:

- ◆ -13° F (-25° C) to 122° F (50° C)

Compliances:

- ◆ cULus listed for dry locations.
- ◆ DLC® (DesignLights Consortium) Qualified. Please refer to the DLC website for specific product qualifications at www.designlights.org.

Warranty :

- ◆ 5-year limited warranty. Contact Paraflex for complete warranty terms.

Ordering Guide

EXAMPLE: HBLI-X-(115/130/155)W-(40/50)KLV-SEM

Model HBLI-X	Wattage ¹ XXXW	CCT XXK	Input Voltage ³ Y	Sensor X	Emergency Battery Y	Product code ⁴ X
HBLI-X	(90/105/130)W (115/130/155)W (155/180/210)W (240/270/310)W (310/360/420)W	40K=4000K 50K=5000K (40/50)K=4000K/5000K ²	LV=120-277V/347V HV=277-480V	S=with Motion sensor or Daylight sensor Blank=without Motion sensor or Daylight sensor	Blank=without emergency E=with emergency	Internal code M - General Efficacy L - General Efficacy H - High Efficacy

Note: 1. (90/105/130)W=130W, 105W, 90W Selectable, 130W default setting. (115/130/155)W=155W, 130W, 115W Selectable, 155W default setting. (155/180/210)W=210W, 180W, 155W Selectable, 210W default setting. (240/270/310)W=310W, 270W, 240W Selectable, 310W default setting. (310/360/420)W=420W, 360W, 310W Selectable, 420W default setting.
2. (40/50)K=4000K, 5000K Selectable, 5000K default setting.
3. The Input Voltage AC120-277V and AC277-480V is for US Market, AC120-347V is for Canada Market only.
4. General Efficacy=150lm/w, High Efficacy=170lm/w, M code only for (115/130/155)W, (155/180/210)W and (310/360/420)W, and L code for (240/270/310)W.



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Performance Data

General Efficacy

Model Number	Lumen Level	Wattage Selectable	Nominal CCT	CCT Selectable	@AC120-277V/120-347V			@AC277-480V			CRI
					Lumens	Watts	LPW	Lumens	Watts	LPW	
HBLI-X-(90/105/130)W -(40/50)KL/HV-XY	1	Yes	4000	Yes	14,820	90	165	14,570	90	162	>80
			5000		14,410	90	160	14,240	90	158	
	2		4000		16,960	105	162	16,680	105	159	
			5000		16,500	105	157	16,370	105	156	
	3		4000		20,150	130	155	19,830	130	153	
			5000		19,640	130	151	19,500	130	150	
HBLI-X-(115/130/155)W -(40/50)KL/HV-XYM	1	Yes	4000	Yes	18,580	115	162	18,520	115	161	>80
			5000		18,090	115	157	17,970	115	156	
	2		4000		20,600	130	158	20,530	130	158	
			5000		20,060	130	154	19,930	130	153	
	3		4000		23,820	155	154	23,910	155	154	
			5000		23,250	155	150	23,250	155	150	
HBLI-X-(155/180/210)W -(40/50)KL/HV-XYM	1	Yes	4000	Yes	25,160	155	162	24,850	155	160	>80
			5000		24,540	155	158	24,440	155	158	
	2		4000		28,660	180	159	28,310	180	157	
			5000		27,960	180	155	27,850	180	155	
	3		4000		32,220	210	153	31,950	210	152	
			5000		31,500	210	150	31,500	210	150	
HBLI-X-(240/270/310)W -(40/50)KL/HV-XYL	1	Yes	4000	Yes	39,840	240	166	39,880	240	166	>80
			5000		39,010	240	163	38,980	240	162	
	2		4000		42,740	270	158	42,790	270	158	
			5000		41,850	270	155	41,820	270	155	
	3		4000		47,400	310	153	47,480	310	153	
			5000		46,500	310	150	46,500	310	150	
HBLI-X-(310/360/420)W -(40/50)KL/HV-XYM	1	Yes	4000	Yes	50,290	310	162	50,320	310	162	>80
			5000		49,190	310	159	49,090	310	158	
	2		4000		57,130	360	159	57,330	360	159	
			5000		56,050	360	156	55,940	360	155	
	3		4000		64,250	420	153	64,430	420	153	
			5000		63,000	420	150	63,000	420	150	
HBLI-X-(90/105/130)W -XXKL/HV-XY	1	Yes	4000	No	14,790	90	164	14,250	90	158	>80
			5000		14,850	90	165	14,180	90	158	
	2		4000		16,950	105	161	16,310	105	155	
			5000		16,990	105	162	16,240	105	155	
	3		4000		20,150	130	155	19,630	130	151	
			5000		20,020	130	154	19,370	130	149	
HBLI-X-(115/130/155)W -XXKL/HV-XYM	1	Yes	4000	No	18,230	115	159	18,000	115	157	>80
			5000		18,220	115	158	18,120	115	158	
	2		4000		20,210	130	155	19,960	130	154	
			5000		20,200	130	155	20,090	130	155	
	3		4000		22,940	155	148	22,940	155	148	
			5000		23,250	155	150	23,250	155	150	
HBLI-X-(155/180/210)W -XXKL/HV-XYM	1	Yes	4000	No	24,630	155	159	24,560	155	158	>80
			5000		24,580	155	159	24,390	155	157	
	2		4000		28,060	180	156	27,980	180	155	
			5000		28,000	180	156	27,790	180	154	
	3		4000		31,080	210	148	31,080	210	148	
			5000		31,500	210	150	31,500	210	150	
HBLI-X-(240/270/310)W -XXKL/HV-XYL	1	Yes	4000	No	39,150	240	163	38,920	240	162	>80
			5000		39,120	240	163	38,470	240	160	
	2		4000		42,010	270	156	41,760	270	155	
			5000		41,970	270	155	41,270	270	153	
	3		4000		45,880	310	148	45,880	310	148	
			5000		46,500	310	150	46,500	310	150	
HBLI-X-(310/360/420)W -XXKL/HV-XYM	1	Yes	4000	No	48,870	310	158	49,520	310	160	>80
			5000		48,770	310	157	49,220	310	159	
	2		4000		55,680	360	155	56,420	360	157	
			5000		55,570	360	154	56,080	360	156	
	3		4000		62,160	420	148	62,160	420	148	
			5000		63,000	420	150	63,000	420	150	



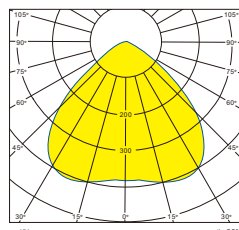
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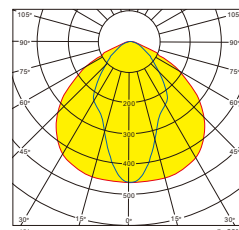
High Efficacy

Model Number	Lumen Level	Wattage Selectable	Nominal CCT	CCT Selectable	@AC120-277V/120-347V			CRI
					Lumens	Watts	LPW	
HBLI-X-(115/130/155)W-(40/50)KLV-XYH	1	Yes	4000	Yes	21,160	115	184	>70
			5000		20,840	115	181	
	2		4000		23,600	130	182	
			5000		23,110	130	178	
	3		4000		26,870	155	173	
			5000		26,350	155	170	
HBLI-X-(155/180/210)W-(40/50)KLV-XYH	1	Yes	4000	Yes	28,480	155	184	>70
			5000		27,900	155	180	
	2		4000		32,450	180	180	
			5000		31,900	180	177	
	3		4000		36,250	210	173	
			5000		35,700	210	170	
HBLI-X-(240/270/310)W-(40/50)KLV-XYH	1	Yes	4000	Yes	45,200	240	188	>70
			5000		44,490	240	185	
	2		4000		48,490	270	180	
			5000		47,730	270	177	
	3		4000		53,440	310	172	
			5000		52,700	310	170	
HBLI-X-(310/360/420)W-(40/50)KLV-XYH	1	Yes	4000	Yes	56,690	310	183	>70
			5000		55,680	310	180	
	2		4000		64,590	360	179	
			5000		63,440	360	176	
	3		4000		72,600	420	173	
			5000		71,400	420	170	
HBLI-X-(115/130/155)W-XXKLV-XYH	1	Yes	4000	No	20,880	115	182	>70
			5000		20,830	115	181	
	2		4000		23,150	130	178	
			5000		23,100	130	178	
	3		4000		26,350	155	170	
			5000		26,350	155	170	
HBLI-X-(155/180/210)W-XXKLV-XYH	1	Yes	4000	No	28,340	155	183	>70
			5000		28,100	155	181	
	2		4000		32,280	180	179	
			5000		32,020	180	178	
	3		4000		35,700	210	170	
			5000		35,700	210	170	
HBLI-X-(240/270/310)W-XXKLV-XYH	1	Yes	4000	No	44,080	240	184	>70
			5000		44,000	240	183	
	2		4000		47,290	270	175	
			5000		47,200	270	175	
	3		4000		52,700	310	170	
			5000		52,700	310	170	
HBLI-X-(310/360/420)W-XXKLV-XYH	1	Yes	4000	No	56,000	310	181	>70
			5000		55,670	310	180	
	2		4000		63,810	360	177	
			5000		63,420	360	176	
	3		4000		71,400	420	170	
			5000		71,400	420	170	

Photometrics



General Optic (as standard offer)



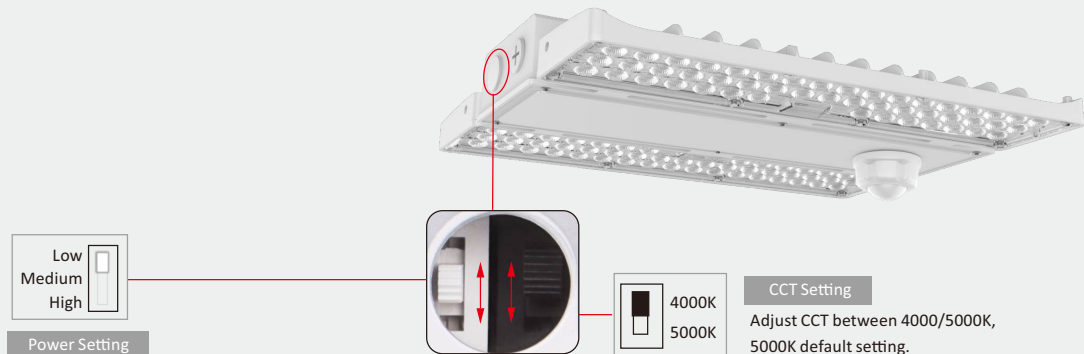
Aisle Optic (lens changing needed)



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Power Selection And CCT Selection Capability



Power Setting

Size	Power Selection	Default Setting
Small 1.2ft	Adjust power between 90/105/130W	130W
	Adjust power between 115/130/155W	155W
	Adjust power between 155/180/210W	210W
Medium 1.7ft	Adjust power between 240/270/310W	310W
Small (combined) 2.4ft	Adjust power between 310/360/420W	420W

CCT Setting
Adjust CCT between 4000/5000K, 5000K default setting.

Accessories

Sensor

Factory-Installable OR Field-Installable (field-installable purchased separately)

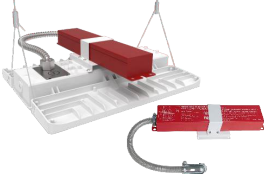
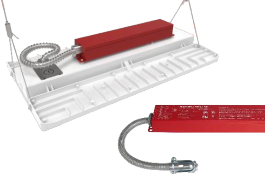
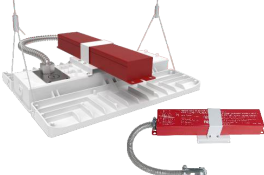
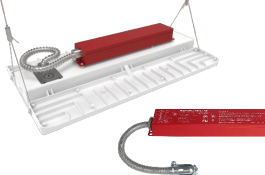
	HD09VR-PH Screw-in PIR Sensor		HD09VR-PHB Screw-in PIR Sensor (Networking Wireless Control Version)
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Field-Installable / Field-Use ONLY (purchased separately)

	HD06R Remote Control
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Emergency Battery Backup

Factory-Installable OR Field-Installable (field-installable purchased separately)

	HBLI-X-EBB05-25WAC Emergency battery backup EMA25FY-170 -25W/90min, for HBLI-X-90W~210W, at AC-120-277/347V		HBLI-X-EBB06-40WAC Emergency battery backup EMA40FY-170 -40W/90min, for HBLI-X-240W~310W, at 120-277/347V
	HBLI-X-EBB19-40WACHV Emergency battery backup EMA-40500DI-HY -40W/90min, for HBLI-X-90W~210W, at AC277-480V		HBLI-X-EBB20-40WACHV Emergency battery backup EMA-40500DI-HY -40W/90min, for HBLI-X-240W~310W, at AC277-480V



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Mounts and Kits

Field-Installable / Field-Use ONLY (purchased separately)

	HBLI-X-SPM-1.5M-A-LHB Suspension Mount - 1.5m hanging length 2pcs (Default Include)		HBLI-X-SM-A-LHB Surface Mount - 2pcs
	HBLI-X-CM-A-LHB Conduit & Surface Mount		AC-LHBE-CK-A Connection Kits
	HBLI-X-SM-A-LH Wire Guard - small size, 2pcs /set for HBLI-X-90W~210W, 310-420W (need 4pcs)		HBLI-X-CM-A-LH Wire Guard- medium size, 2pcs/set for HBLI-X-240W~310W

Lens

Factory-Installable OR Field-Installable (field-installable purchased separately)

	HBLI-X-MilkyLS-S-B Milky Optical Lens -small size for HBLI-X, 1pcs		HBLI-X-MilkyLS-M-B Milky Optical Lens -medium size for HBLI-X, 1pcs
	HBLI-X-AisleLS-S-A Aisle Optical Lens -small size for HBLI-X, 1pcs		HBLI-X-AisleLS-M-A Aisle Optical Lens -medium size for HBLI-X, 1pcs

Electrical Data

Model Series	Wattage(W)	Current (A)					
		Input Voltage (V)					
		120	208	240	277	347	480
HBLI-X-(90/105/130)W	90	0.83	0.48	0.42	0.36	0.29	0.21
	105	0.97	0.56	0.49	0.42	0.34	0.24
	130	1.20	0.69	0.60	0.52	0.42	0.30
HBLI-X-(115/130/155)W	115	1.06	0.61	0.53	0.46	0.37	0.27
	130	1.20	0.69	0.60	0.52	0.42	0.30
	155	1.44	0.83	0.72	0.62	0.50	0.36
HBLI-X-(155/180/210)W	155	1.44	0.83	0.72	0.62	0.50	0.36
	180	1.67	0.96	0.83	0.72	0.58	0.42
	210	1.94	1.12	0.97	0.84	0.67	0.49
HBLI-X-(240/270/310)W	240	2.22	1.28	1.11	0.96	0.77	0.56
	270	2.50	1.44	1.25	1.08	0.86	0.63
	310	2.87	1.66	1.44	1.24	0.99	0.72
HBLI-X-(310/360/420)W	310	2.87	1.66	1.44	1.24	0.99	0.72
	360	3.33	1.92	1.67	1.44	1.15	0.83
	420	3.89	2.24	1.94	1.68	1.34	0.97



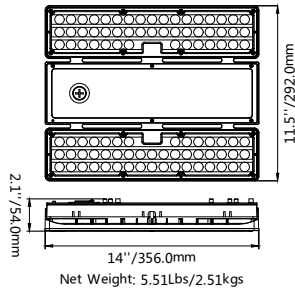
HBLI-X

LED Linear High Bay with Selectable CCT and Lumen

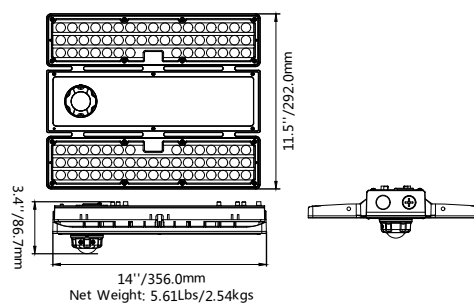
Dimensions & Weight

90-210W(1.2ft)

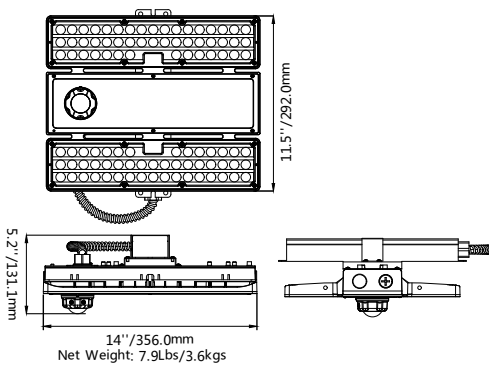
Regular



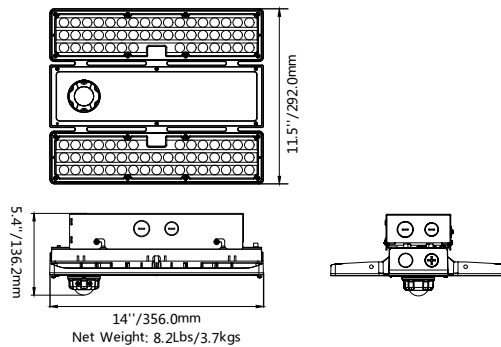
With Sensor



With Emergency Bttery Backup & Sensor

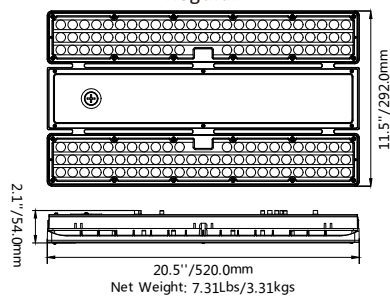


With Conduit & Surface Mount Kit & Sensor

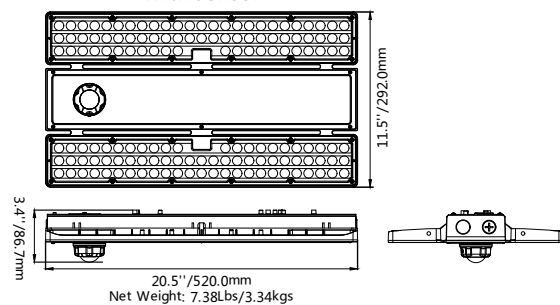


240-310W(1.7ft)

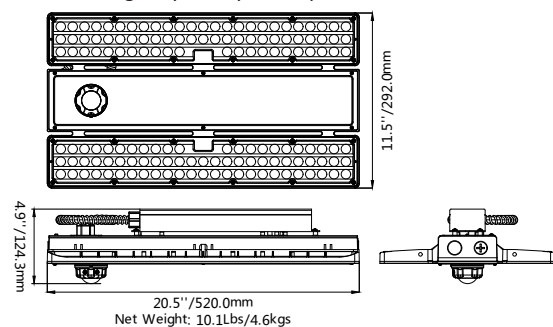
Regular



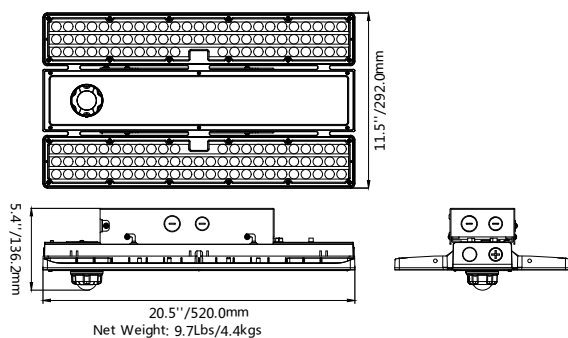
With Sensor



With Emergency Bttery Backup & Sensor



With Conduit & Surface Mount Kit & Sensor



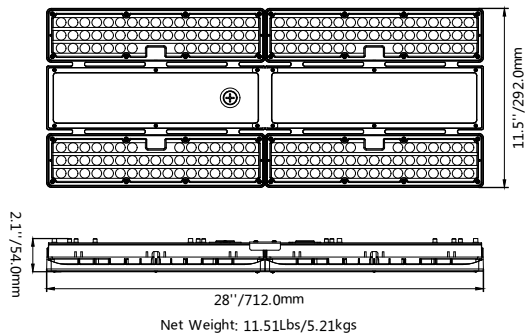


HBLI-X

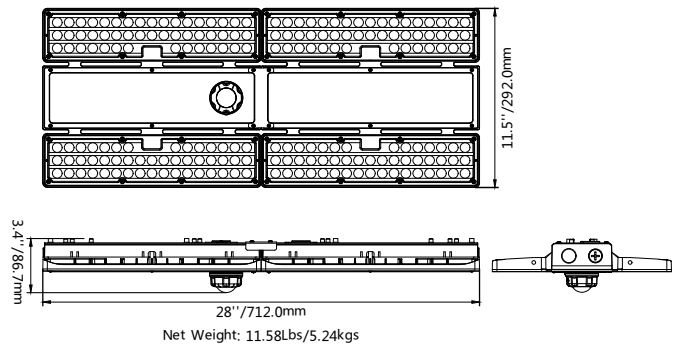
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310-420W(2.4ft)

Regular



With Sensor



Disclaimer:

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