

LINEAR HIGH BAY

LED Linear High Bay with Selectable CCT and Lumen



Introduction

- ◆ The 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.
- ◆ 150lm/w as standard.
- ◆ The whole family with two different sizes. Motion sensor and remote controller are available. Also emergency battery back up is optional.
- ◆ It widely used for warehouse and storage, industrial facilities, sports facilities, gyms and etc.

Features

Construction

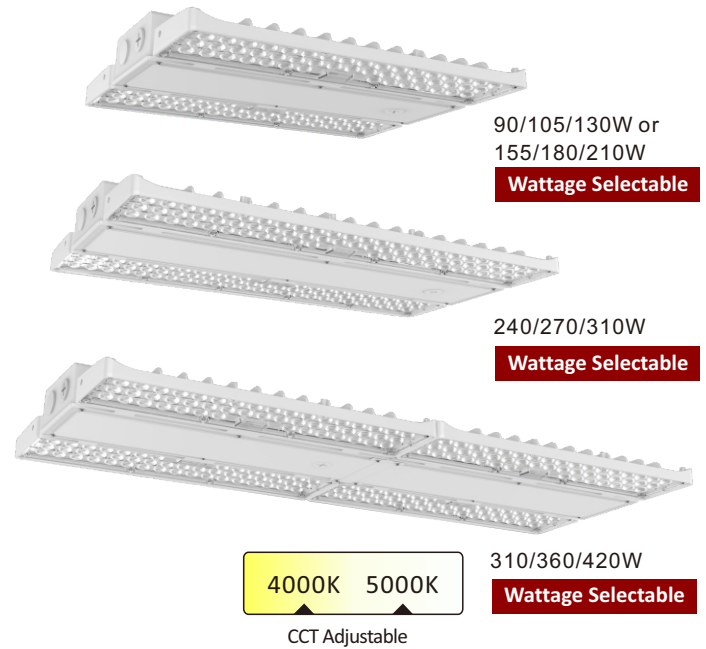
- ◆ LHBC linear high bay features a die-cast aluminum housing. Powder coat corrosion resistant finish.

Electrical:

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

Optics :

- ◆ Adjustable 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:

- ◆ -40° F (-40° 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.

Ordering Guide

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

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

Note: 1. (90/105/130)W=130W, 105W, 90W Selectable, 130W 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.
 4. General Efficacy=150lm/w, M code only for (155/180/210)W and (310/360/420)W, and L code for (240/270/310)W.
 5. (90/105/130)W has not 277-480VAC option.

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Performance Data

General Efficacy

Model Number	Lumen Level	Wattage Selectable	Nominal CCT	CCT Adjustable	@AC120-277V			@AC277-480V			CRI
					Lumens	Watts	LPW	Lumens	Watts	LPW	
X-LHBC(90/105/130)W -(40/50)KLV/HV-XY	1	Yes	4000	4000K/5000K	14,820	90	165	N/A	N/A	N/A	>80
			5000		14,410	90	160	N/A	N/A	N/A	
	2		4000		16,960	105	162	N/A	N/A	N/A	
			5000		16,500	105	157	N/A	N/A	N/A	
	3		4000		20,150	130	155	N/A	N/A	N/A	
			5000		19,640	130	151	N/A	N/A	N/A	
X-LHBC(155/180/210)W -(40/50)KLV/HV-XYM	1	Yes	4000	4000K/5000K	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	
X-LHBC(240/270/310)W -(40/50)KLV/HV-XYL	1	Yes	4000	4000K/5000K	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	
X-LHBC(310/360/420)W -(40/50)KLV/HV-XYM	1	Yes	4000	4000K/5000K	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	

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 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.

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Accessories

Sensor

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




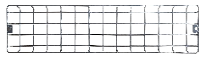
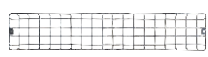
	<p>HD09VR-PH Screw-in PIR Sensor</p>
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Field-Installable / Field-Use ONLY (purchased separately)

	<p>HD06R Remote Control</p>
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Mounts and Kits

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

	<p>XSPM-1.5M-A-LHB Suspension Mount - 1.5m hanging length 2pcs (Default Include)</p>		
	<p>XCM-A-LHB Conduit & Surface Mount</p>		<p>AC-LHBE-CK-A Connection Kits</p>
	<p>XSM-A-LHB Wire Guard - small size, 2pcs /set for LHBC-90W~210W, 310-420W (need 4pcs)</p>		<p>XCM-A-LH Wire Guard- medium size, 2pcs/set for LHBC-240W~310W</p>

Lens

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

	<p>X-LHBC-MilkyLS-S-B Milky Optical Lens -small size for X-LHBC, 1pcs</p>		<p>X-LHBC-MilkyLS-M-B Milky Optical Lens -medium size for X-LHBC, 1pcs</p>
	<p>X-LHBC-AisleLS-S-A Aisle Optical Lens -small size for X-LHBC, 1pcs</p>		<p>X-LHBC-AisleLS-M-A Aisle Optical Lens -medium size for X-LHBC, 1pcs</p>

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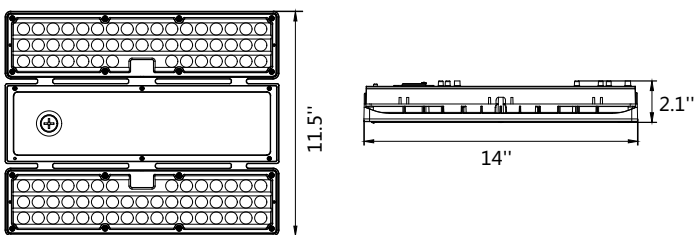
Electrical Data

Model Series	Wattage(W)	Current (A)		
		Input Voltage (V)		
		120	277	480
X-LHBC(90/105/130)W	90	0.83	0.36	0.21
	105	0.97	0.42	0.24
	130	1.20	0.52	0.30
X-LHBC(155/180/210)W	155	1.44	0.62	0.36
	180	1.67	0.72	0.42
	210	1.94	0.84	0.49
X-LHBC(240/270/310)W	240	2.22	0.96	0.56
	270	2.50	1.08	0.63
	310	2.87	1.24	0.72
X-LHBC(310/360/420)W	310	2.87	1.24	0.72
	360	3.33	1.44	0.83
	420	3.89	1.68	0.97

Dimensions & Weight

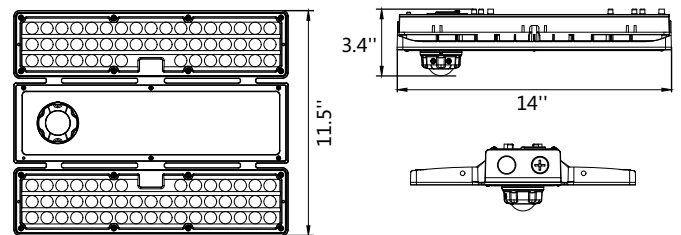
90-210W(1.2ft)

Regular



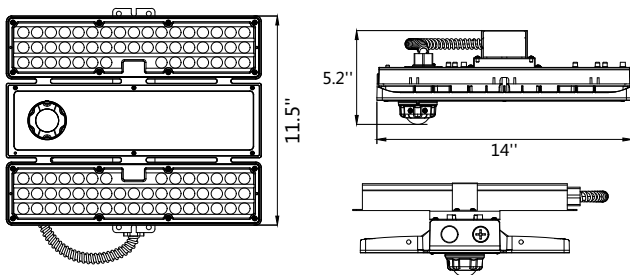
Net Weight: 5.51Lbs

With Sensor



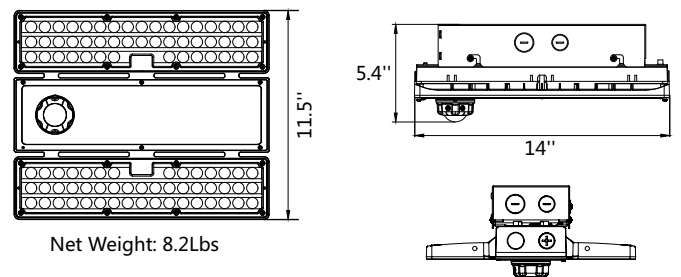
Net Weight: 5.61Lbs

With Emergency Battery Backup & Sensor



Net Weight: 7.9Lbs

With Conduit & Surface Mount Kit & Sensor



Net Weight: 8.2Lbs

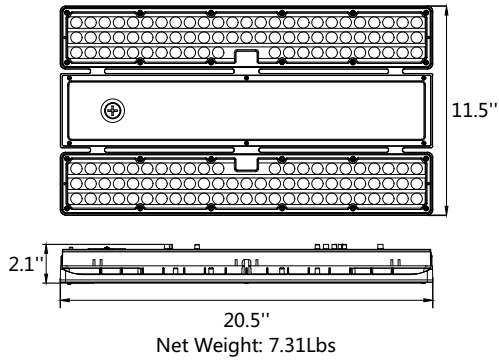
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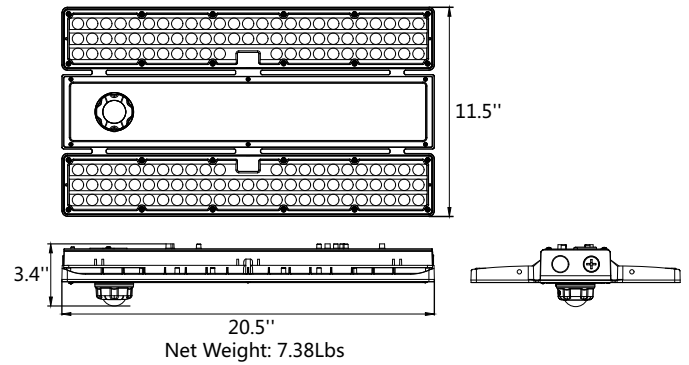


240-310W(1.7ft)

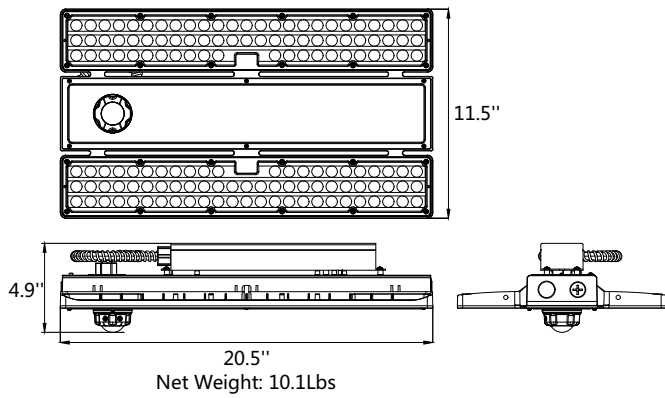
Regular



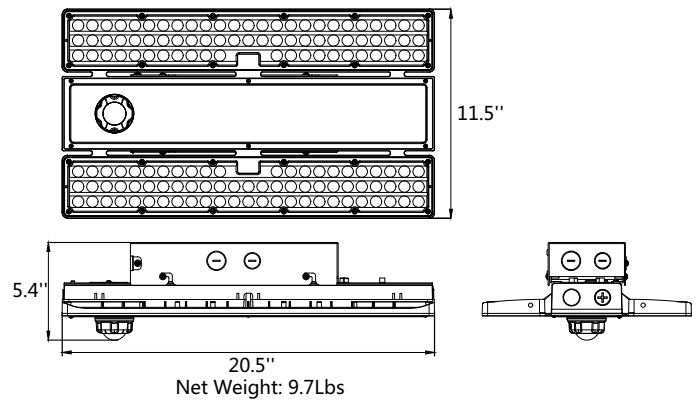
With Sensor



With Emergency Battery Backup & Sensor

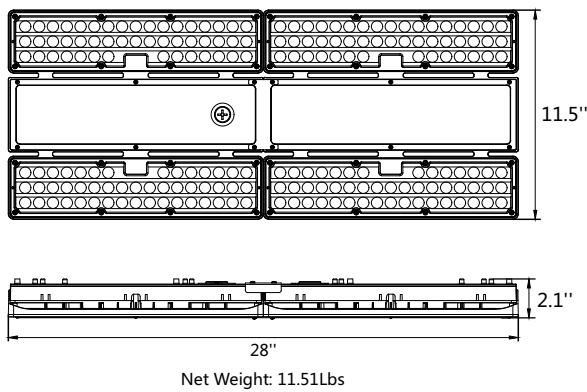


With Conduit & Surface Mount Kit & Sensor



310-420W(2.4ft)

Regular



With Sensor

