

LHBE SELECTABLE HIGH BAY

LED Linear High Bay with Selectable CCT and Lumen

Introduction

- ◆ The LHBE Linear High Bay is a super compact design using die-cast housing, with the clean and integral structure. It makes it a lot of shipping cost and be easier to install. The whole family has two different sizes.
- ◆ It delivers up to 170 lumens per watt for Efficacy. The Tool-less optics lens design allows for flexible selection of general optics or Aisle optics.
- ◆ LHBE Series is standard with a 0-10V sensor port, for optional quick plug and play install sensor. The fixture is DLC LLLC listed also compatible with NLC system. Emergency battery backup is available.
- ◆ With standard, 10KV surge protection, it can run steadily under the poor power condition.
- ◆ It is widely used for warehouse and storage, industrial facilities sports facilities, gyms and etc.

Product Specifications

Construction:

- ◆ LHBE linear high bay features a die-cast aluminum housing. Powder coat corrosion resistant finish, with High Transmittance polycarbonate lens.

Electrical:

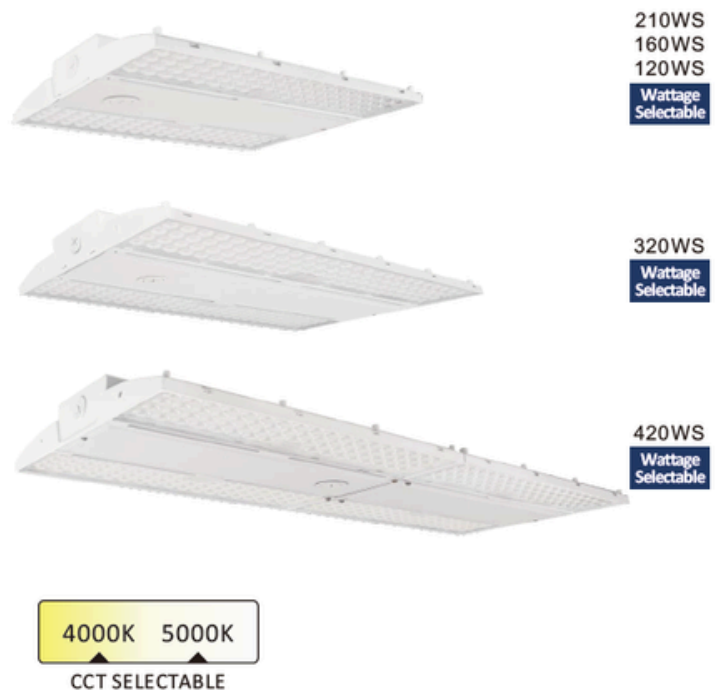
- ◆ 0-10V dimmable driver, which can dim from 100% down to off.
- ◆ Input voltage 120-277V/277-480V for US market, 120-347V for Canada market, and 50/60Hz.
- ◆ Designed to withstand up to L/N-PE:10kV, L-N:6kV surge (120-277V/120-347V/277-480V).

Optics:

- ◆ LED chips support Selectable CCT 4000K or 5000K (Default setting), CRI>80
- ◆ High quality polycarbonate lens protects LEDs. UGR <28

Finish:

- ◆ White color is Standard.



Mounting:

- ◆ The fixture Comes standard with aircraft cable suspension mount. The surface mount kit and pendant & surface installation box are available.

Ordering Guide

EXAMPLE: XLHBE320WSCSDLVSEG

Brand X	Product Name LHBE	Wattage XXXWS	CCT XXX	Input Voltage AA	Sensor X	Emergency Battery Y	Efficacy Z
XS	LHBE	420WS=420W/280W/210W/120W 320WS=320W/215W/160W/95W 210WS=210W/140W/105W/60W 160WS=160W/110W/80W/50W 120WS=120W/80W/60W/35W Note: WS=Wattage Selectable	40K=4000K 50K=5000K CSD=4000K/5000K Note: CSD=CCT Selectable	UV=120-277Vac LV=120-347Vac HV=277-480Vac	S=Sensor BS=Networking Wireless Control Version Sensor Blank=without Sensor	Blank=without emergency E=with emergency	G=General Light Efficacy H=High Light Efficacy

Performance Data

Lumen values are based on 120V AC input product configuration, contact for performance data on any configurations not shown here.

Lumen Level	Wa age Selectable	Nominal CCT	CCT Selectable	Lumens	Wa s	LPW	CRI
1	Yes	4000	Yes	69,350	420	166	>80
		5000		67,200	420	160	
2		4000		49,000	280	175	
		5000		47,500	280	170	
3		4000		38,150	210	182	
		5000		37,000	210	176	
4		4000		23,000	120	192	
		5000		22,300	120	186	
	Yes	4000	Yes	55,650	320	174	>80
1		5000		54,400	320	170	
		4000		39,250	215	183	
2		5000		38,400	215	179	
		4000		30,600	160	192	
3		5000		29,950	160	187	
		4000		19,350	95	204	
4		5000		18,900	95	199	
	Yes	4000	Yes	52,700	320	165	>80
1		5000		51,200	320	160	
		4000		37,200	215	173	
2		5000		36,150	215	168	
		4000		29,000	160	182	
3		5000		28,200	160	176	
		4000		18,150	95	192	
4		5000		17,650	95	186	
	Yes	4000	Yes	37,100	210	177	>80
1		5000		36,120	210	172	
		4000		25,700	140	184	
2		5000		25,050	140	179	
		4000		20,050	105	191	
3		5000		19,550	105	186	
		4000		11,800	60	196	
4		5000		11,500	60	191	
	Yes	4000	Yes	34,350	210	164	>80
1		5000		33,600	210	160	
		4000		24,250	140	174	
2		5000		23,750	140	170	
		4000		18,900	105	180	
3		5000		18,500	105	176	
		4000		11,300	60	188	
4		5000		11,050	60	184	
	Yes	4000	Yes	26,350	160	165	>80
1		5000		25,600	160	160	
		4000		19,000	110	173	
2		5000		18,500	110	168	
		4000		14,500	80	181	
3		5000		14,100	80	176	
		4000		9,400	50	188	
4		5000		9,150	50	183	
	Yes	4000	Yes	19,850	120	166	>80
1		5000		19,440	120	162	
		4000		13,750	80	172	
2		5000		13,500	80	169	
		4000		10,700	60	179	
3		5000		10,500	60	175	
		4000		6,400	35	182	
4		5000		6,250	35	179	

Performance Data

Lumen values are based on 120V AC input product configuration, contact for performance data on any configurations not shown here.

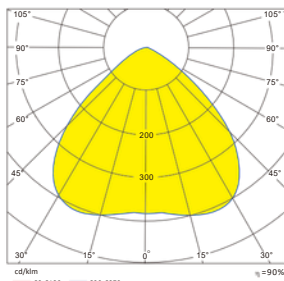
Lumen Level	Wa age Selectable	Nominal CCT	CCT Selectable	Lumens	Wa s	LPW	CRI	
1	Yes	4000	No	67,200	420	160	>80	
		5000		68,040	420	162		
4000		46,600		280	167			
5000		47,200		280	169			
4000		36,650		210	175			
5000		37,100		210	177			
4000		21,900		120	183			
5000		22,200		120	185			
54,400		320		170				
54,400		320		170				
1	Yes	4000	No	54,400	320	170	>80	
		5000		38,050	215	177		
4000		38,050		215	177			
5000		29,400		160	184			
4000		29,400		160	184			
5000		18,100		95	191			
4000		18,100		95	191			
5000		18,100		95	191			
4	Yes	4000	No	50,560	320	158	>80	
		5000		50,560	320	158		
5000		51,200		320	160	>80		
4000		35,700		215	166			
5000		36,150		215	168			
4000		27,850		160	174			
5000		28,200		160	176			
4000		18,050		95	190			
5000	18,250	95	192					
4	Yes	4000	No	35,700	210		170	>80
		5000		35,700	210	170		
5000		35,700		210	170	>80		
4000		25,250		140	181			
5000		25,250		140	181			
4000		19,500		105	186			
5000		19,500		105	186			
4000		11,450		60	191			
5000	11,450	60	191					
4	Yes	4000	No	33,600	210		160	>80
		5000		33,600	210	160		
4000		34,020		210	162	>80		
5000		23,550		140	168			
4000		23,850		140	171			
5000		18,350		105	175			
4000		18,550		105	177			
5000		10,800		60	180			
4000	10,900	60	182					
4	Yes	4000	No	25,600	160		160	>80
		5000		25,920	160	162		
5000		18,500		110	168	>80		
4000		18,750		110	171			
4000		14,100		80	176			
5000		14,300		80	179			
4000		9,150		50	183			
5000		9,250		50	185			
4000	19,440	120	162					
4	Yes	4000	No	19,800	120		165	>80
		5000		19,800	120	165		
4000		13,350		80	167	>80		
5000		13,600		80	170			
4000		10,500		60	175			
5000		10,700		60	179			
4000		6,300		35	180			
5000		6,450		35	184			
4	Yes		No					>80

Photometrics

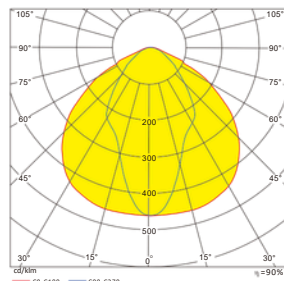


Tool-less op cs Lens design

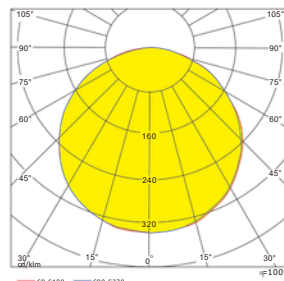
For quickly changing different lens op ons



General Op c
(As standard offer)



Aisle Op c
(Lens changing needed)



Frosted Diffuser
(Diffuser changing needed)

Power Selec on And CCT Selec on Capability





4000K 5000K

1 2 3 4

CCT Se ng

Adjust CCT between 4000/5000K, 5000K default se ng.

Power Se ng

Size	Power Selec on	Default Se ng
Small	Adjust power between 120/80/60/35W	120W
	Adjust power between 160/110/80/50W	160W
	Adjust power between 210W	210W
Medium	210/140/105/60W Adjust power	320W
Small (combined)	between 320/215/160/95W Adjust power between 420/280/210/120W	420W

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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Adapter

Field-Installable (field-installable purchased separately)

	X3PTZ10ZGA-WA Zhaga Adapter for 3-pin Reverse to Z10 Zhaga
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Emergency Battery Backup

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

	XEBO5-25WAC Emergency battery backup EMA25FY-170 -25W/90min, for XLHBE120WS~160WS, at AC120-277/347V	XEBO25-40WAC Emergency battery backup EMA40FY-170 -40W/90min, for XLHBE210WS, at AC120-277/347V	XEBO19-40WACHV Emergency battery backup EMA-40500DI-HY -40W/90min, for XLHBE120WS~210WS, at AC277-480V
	XEBO6-40WAC Emergency battery backup EMA40FY-170 -40W/90min, for XLHBE320WS, at AC120-277/347V	XEBO20-40WACHV Emergency battery backup EMA-40500DI-HY -40W/90min, for XLHBE320WS, at AC277-480V	

Note: The dimmer is incompatible with the emergency battery backup.

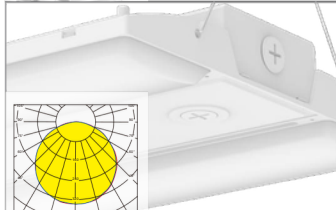
Mounts and Kits

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

	XSPM-1.5M-A-LHB Suspension Mount - 1.5m hanging length 2pcs (Default Include)		XSM-A-LHB Surface Mount - 2pcs
	XCM-A-LHB Conduit & Surface Mount		AC-LHBE-CK-A Connection Kits

Lens

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

	X-LHBE-AisleLS-S-A Aisle Optical Lens -1pcs, Small Size for XLHBE120WS~210WS		X-LHBE-AisleLS-M-A Aisle Optical Lens -1pcs, Medium Size for XLHBE320WS
	DFS Kit-Frosted-S-A Polycarbonate Frosted Diffuser -1pcs, Small Size for XLHBE120WS~210WS		

Note: LHBE comes with standard General Optical Lens, Aisle Optical Lens and Frosted Diffuser are optional.

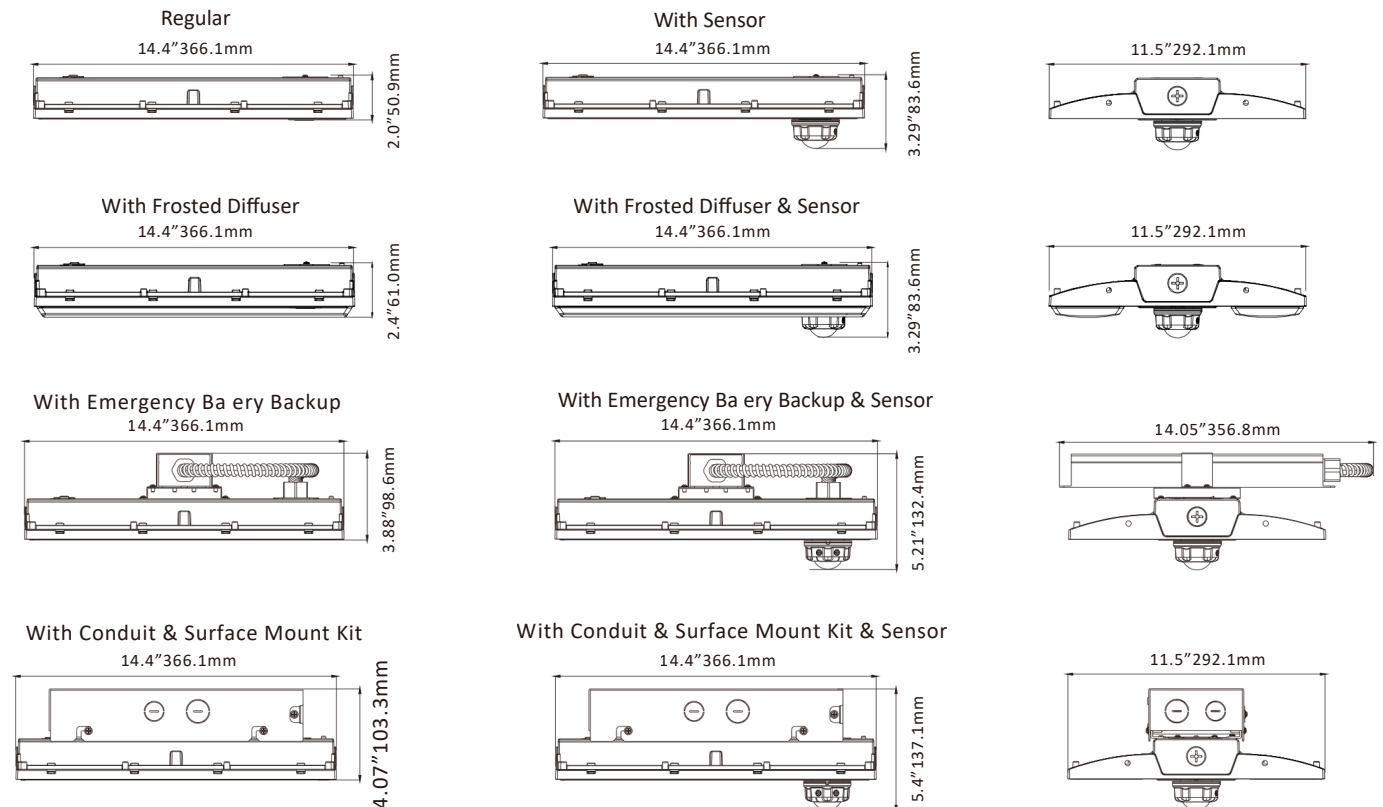
Electrical Data

Wa age(W)	Current (A)					
	Input Voltage (V)					
	120	208	240	277	347	480
420	3.89	2.24	1.94	1.68	1.34	0.97
280	2.59	1.50	1.30	1.12	0.90	0.65
210	1.94	1.12	0.97	0.84	0.67	0.49
120	1.11	0.64	0.56	0.48	0.38	0.28
320	2.96	1.71	1.48	1.28	1.02	0.74
215	1.99	1.15	1.00	0.86	0.69	0.50
160	1.48	0.85	0.74	0.64	0.51	0.37
95	0.88	0.51	0.44	0.38	0.30	0.22
210	1.94	1.12	0.97	0.84	0.67	0.49
140	1.30	0.75	0.65	0.56	0.45	0.32
105	0.97	0.56	0.49	0.42	0.34	0.24
60	0.56	0.32	0.28	0.24	0.19	0.14
160	1.48	0.85	0.74	0.64	0.51	0.37
110	1.02	0.59	0.51	0.44	0.35	0.25
80	0.74	0.43	0.37	0.32	0.26	0.19
50	0.46	0.27	0.23	0.20	0.16	0.12
120	1.11	0.64	0.56	0.48	0.38	0.28
80	0.74	0.43	0.37	0.32	0.26	0.19
60	0.56	0.32	0.28	0.24	0.19	0.14
35	0.32	0.19	0.16	0.14	0.11	0.08

Dimensions

Small Size

(210WS, 160WS, 120WS)

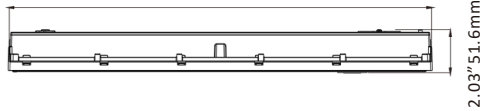


Medium Size

(320WS)

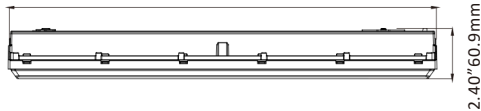
Regular

20.48"520.1mm



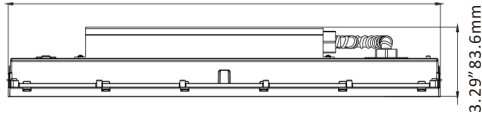
With Frosted Diffuser

20.48"520.1mm



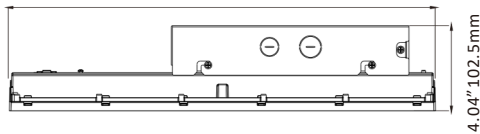
With Emergency Battery Backup

20.48"520.1mm



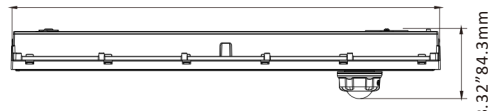
With Conduit & Surface Mount Kit

20.48"520.1mm



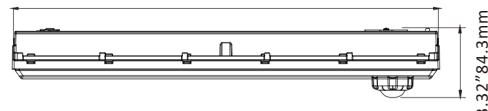
With Sensor

20.48"520.1mm



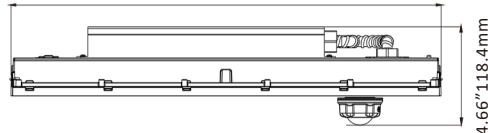
With Frosted Diffuser & Sensor

20.48"520.1mm



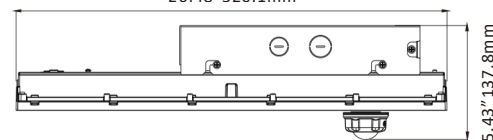
With Emergency Battery Backup & Sensor

20.48"520.1mm

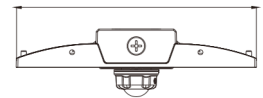


With Conduit & Surface Mount Kit & Sensor

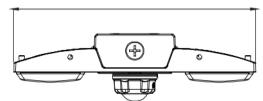
20.48"520.1mm



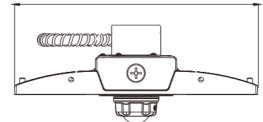
11.5"292.1mm



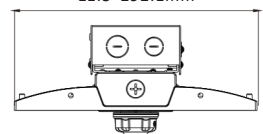
11.5"292.1mm



11.5"292.1mm



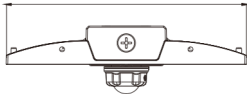
11.5"292.1mm



Small Size (combined)

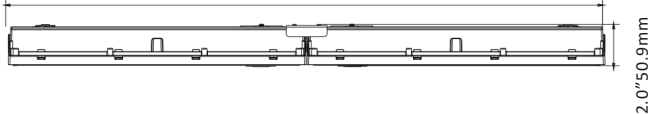
(420WS)

11.5"292.1mm



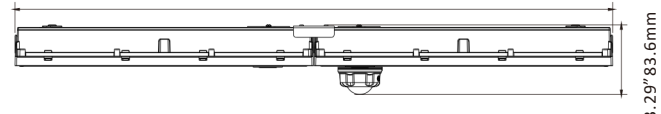
Regular

28.86"733.0mm

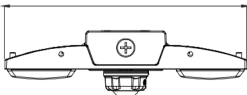


With Sensor

28.86"733.0mm

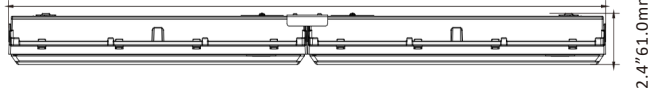


11.5"292.1mm



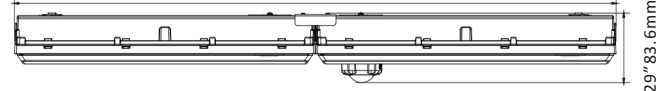
With Frosted Diffuser

28.86"733.0mm



With Frosted Diffuser & Sensor

28.86"733.0mm



3.29"83.6mm

Shipping Information

Carton Size (in)	G.W. (lbs)	Per carton (pcs)	20GP (pcs)	40HQ (pcs)
30.71 x 12.99 x 5.28	31.31	2	1,332	3,662
22.44 x 12.99 x 5.28	23.63	2	1,822	5,012
16.34 x 12.99 x 5.28	15.04	2	2,472	6,802
16.34 x 12.99 x 5.28	15.04	2	2,472	6,802
16.34 x 12.99 x 5.28	15.04	2	2,472	6,802

Note: The packaging data can sometimes be outdated or incomplete. For the most reliable information, please reach out to us directly.