

(HL)SLE Selectable High Bay

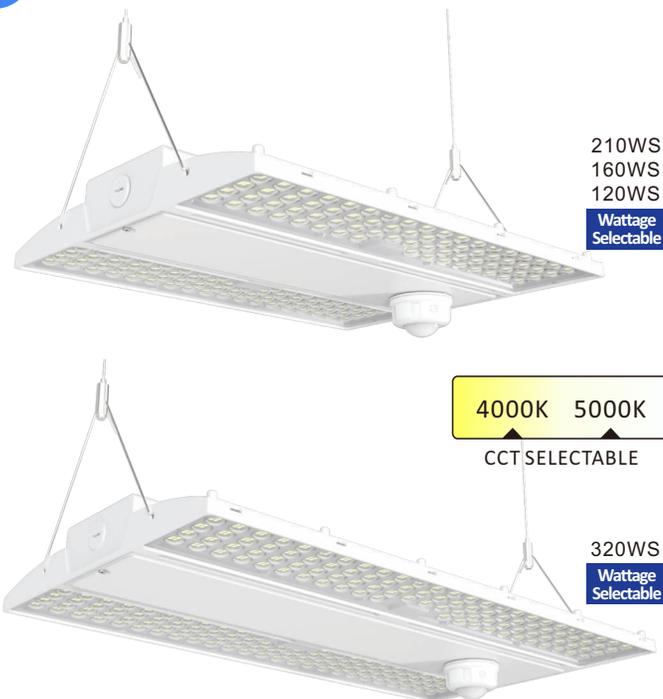
LED Linear High Bay with Selectable CCT and Lumen



BirdDOG Lighting

Introduction

- ◆ The (HL)SLE Linear High Bay is a super compact design using die-cast housing, with a clean and integral structure. It cuts down on shipping and is easier to install. The series consists of two sizes.
- ◆ It delivers up to 170 lumens per watt for high efficacy. The tool-less optics lens designs allows for flexible selection of different optics for varying situations.
- ◆ LHBE Series is standard with a 0-10V sensor port, for optional quick plug and play install sensor. The fixture is DLC Listed and also compatible with NLC system. Emergency battery backup is available as well.
- ◆ With standard, 10K surge protection, it can run steadily under poor power condition.
- ◆ It is widely used for warehouse and storage settings, industrial facilities, sports facilities, gyms etc.



Product Specifications

Construction:

- ◆ (HL)SLE 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 and sold separately.

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.

Performance Data

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

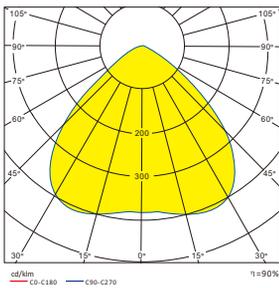
Model Number	Lumen Level	Wattage Selectable	Nominal CCT	CCT Selectable	Lumens	Watts	LPW	CRI
XLHBE320WSXXXAAXYH	1	Yes	4000	No	54,400	320	170	>80
			5000		54,400	320	170	
	2		4000		38,050	215	177	
			5000		38,050	215	177	
	3		4000		29,400	160	184	
			5000		29,400	160	184	
	4		4000		18,100	95	191	
			5000		18,100	95	191	
XLHBE320WSXXXAAXYG	1	Yes	4000	No	50,560	320	158	>80
			5000		51,200	320	160	
	2		4000		35,700	215	166	
			5000		36,150	215	168	
	3		4000		27,850	160	174	
			5000		28,200	160	176	
	4		4000		18,050	95	190	
			5000		18,250	95	192	
XLHBE210WSXXXAAXYH	1	Yes	4000	No	35,700	210	170	>80
			5000		35,700	210	170	
	2		4000		25,250	140	181	
			5000		25,250	140	181	
	3		4000		19,500	105	186	
			5000		19,500	105	186	
	4		4000		11,450	60	191	
			5000		11,450	60	191	
XLHBE210WSXXXAAXYG	1	Yes	4000	No	33,600	210	160	>80
			5000		34,020	210	162	
	2		4000		23,550	140	168	
			5000		23,850	140	171	
	3		4000		18,350	105	175	
			5000		18,550	105	177	
	4		4000		10,800	60	180	
			5000		10,900	60	182	
XLHBE160WSXXXAAXYG	1	Yes	4000	No	25,600	160	160	>80
			5000		25,920	160	162	
	2		4000		18,500	110	168	
			5000		18,750	110	171	
	3		4000		14,100	80	176	
			5000		14,300	80	179	
	4		4000		9,150	50	183	
			5000		9,250	50	185	
XLHBE120WSXXXAAXYG	1	Yes	4000	No	19,440	120	162	>80
			5000		19,800	120	165	
	2		4000		13,350	80	167	
			5000		13,600	80	170	
	3		4000		10,500	60	175	
			5000		10,700	60	179	
	4		4000		6,300	35	180	
			5000		6,450	35	184	

Photometrics

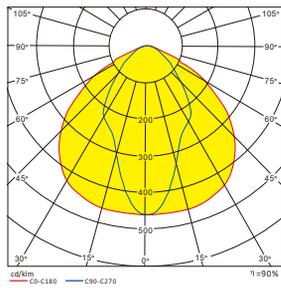


Tool-less optics Lens design

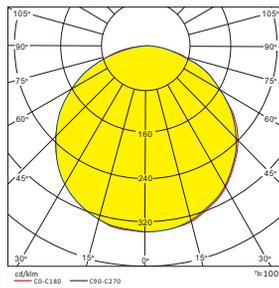
For quickly changing different lens options



General Optic
(As standard offer)



Aisle Optic
(Lens changing needed)



Frosted Diffuser
(Diffuser changing needed)

Power Selection And CCT Selection Capability

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

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

Accessories

Sensor

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

	<p>HD09VR-PH Screw-in PIR Sensor</p>		<p>HD09VR-PHB Screw-in PIR Sensor (Networking Wireless Control Version)</p>
--	--	--	---

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

	<p>HD06R Remote Control</p>
---	--

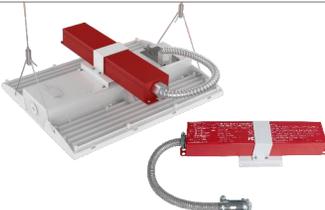
Adapter

Field-Installable (field-installable purchased separately)

	<p>X3PTZ10ZGA-WA Zhaga Adapter for 3-pin Reverse to Z10 Zhaga</p>
---	--

Emergency Battery Backup

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

	<p>XEBB05-25WAC</p>	<p>XEBB25-40WAC</p>	<p>XEBB19-40WACHV</p>
	<p>Emergency battery backup EMA25FY-170 -25W/90min, for XLHBE120WS~160WS, at AC120-277/347V</p>	<p>Emergency battery backup EMA40FY-170 -40W/90min, for XLHBE210WS, atAC120-277/347V</p>	<p>Emergency battery backup EMA-40500DI-HY -40W/90min, for XLHBE120WS~210WS, at AC277-480V</p>
	<p>XEBB06-40WAC</p>	<p>XEBB20-40WACHV</p>	
	<p>Emergency battery backup EMA40FY-170 -40W/90min, for XLHBE320WS, at AC120-277/347V</p>	<p>Emergency battery backup EMA-40500DI-HY -40W/90min, for XLHBE320WS, at AC277-480V</p>	

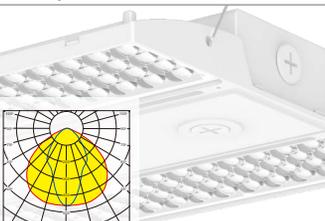
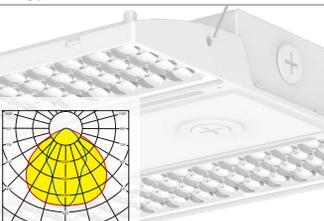
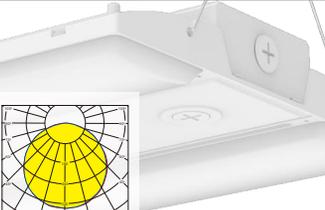
Mounts and Kits

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

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

Lens

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

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

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

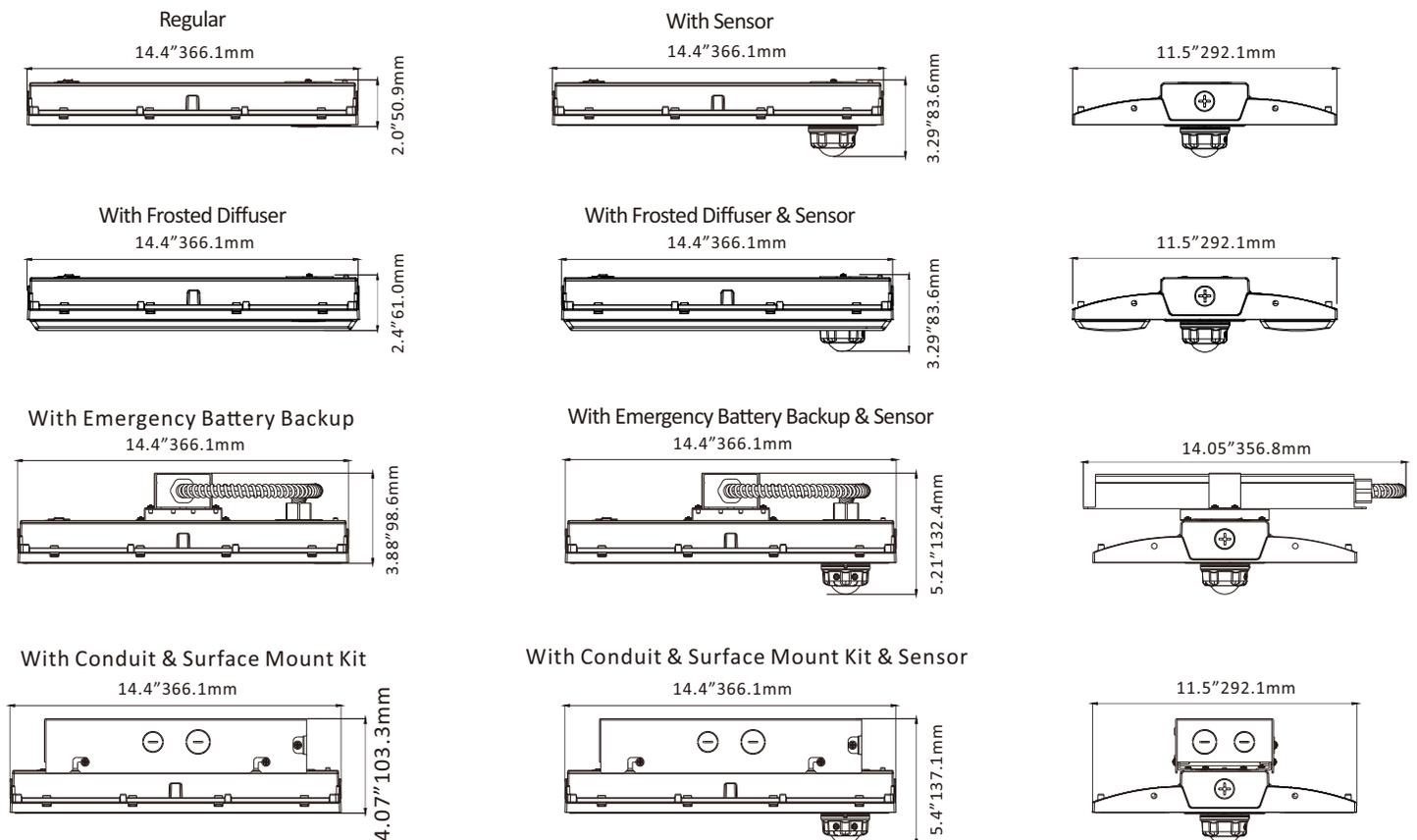
Electrical Data

Model Series	Wattage(W)	Current (A)					
		Input Voltage (V)					
		120	208	240	277	347	347
XLHBE420WS	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
XLHBE320WS	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
XLHBE210WS	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
XLHBE160WS	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
XLHBE120WS	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)

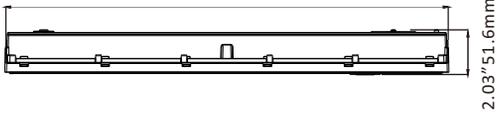


Medium Size

(320WS)

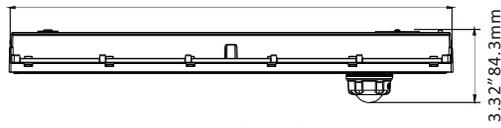
Regular

20.48"520.1mm

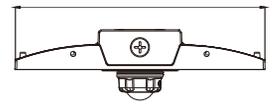


With Sensor

20.48"520.1mm

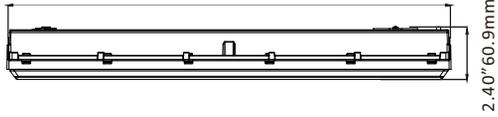


11.5"292.1mm



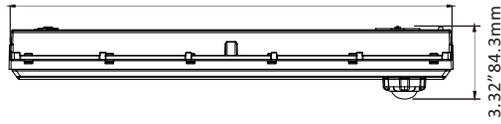
With Frosted Diffuser

20.48"520.1mm

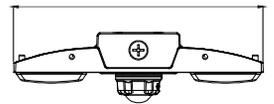


With Frosted Diffuser & Sensor

20.48"520.1mm

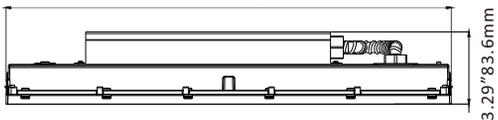


11.5"292.1mm



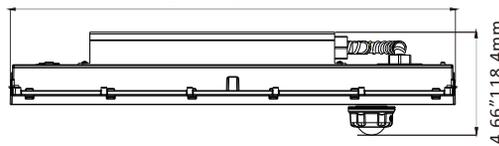
With Emergency Battery Backup

20.48"520.1mm

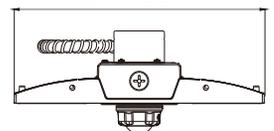


With Emergency Battery Backup & Sensor

20.48"520.1mm

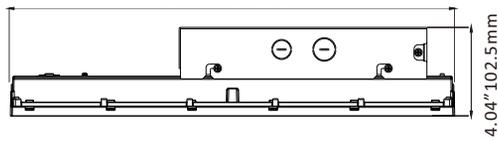


11.5"292.1mm



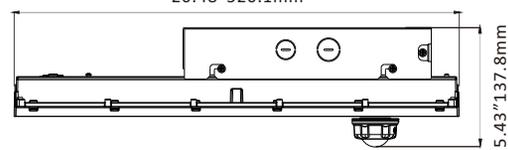
With Conduit & Surface Mount Kit

20.48"520.1mm

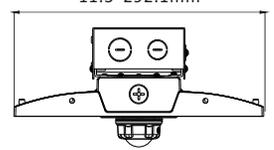


With Conduit & Surface Mount Kit & Sensor

20.48"520.1mm



11.5"292.1mm



Small Size (combined)

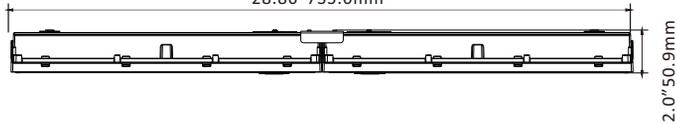
(420WS)

11.5"292.1mm



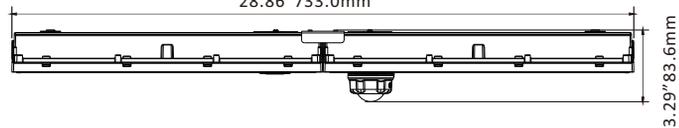
Regular

28.86"733.0mm

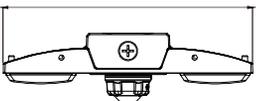


With Sensor

28.86"733.0mm

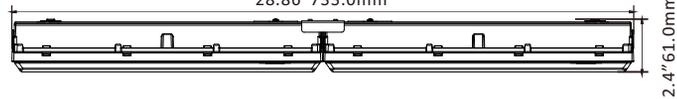


11.5"292.1mm



With Frosted Diffuser

28.86"733.0mm



With Frosted Diffuser & Sensor

28.86"733.0mm

