XD Series HIGH BAY

LED Linear High Bay with Selectable CCT and Lumen

Birddog Lighting

Introduction

- The XD series Linear High Bay Light uses highly reflective metal for optimal an all-in-one housing design. Available in 2ft and 4ft lengths.
- It provides energy saving and maintenance-free durability for a variety of applications. The XD series is also ideal for new construction or replacement of 4-8 F32T8/F54T5 lamps.
- Can replace high output fluorescent or 250-1000 watts metal halide lights. Sensor and emergency battery backups are optional. the motion sensor with networking wireless control version also supports LLLC HAISEN BLUE and Silvair.
- Widely used in warehouses and storage, industrial facilities, retail centers, manufacturing, sports facilities, and gyms.

Product Specifications

Construction

- Assembly made of heavy duty thick gauge steel, rigidly designed to resist twisting and bowing.

Electrical:

- 0-10v dimmable driver, which can dim from 100% down to off.
- Input voltage 120-277V for US market, 120-347V for Canada market, and 50/60Hz.

Optics :

- CCT Selectable 4000K or 5000K (Default setting) , CRI >80.
- Frosted diffuser creates even and glare free light distributed broadly at a 120°beam angle

Finish :

- White color is standard.

Ambient Temperature:

- -40° F (-40° C) to 113° F (45° C)

Mounting:

- Aircraft Cable Suspension mount included. Knockout holes in place for easy connection with MC cable or conduit. Optional Surface or Conduit Mount Kit.

Product Selectable:

105W	90W	80W

WATTAGE SELECTABLE (2ft)

165W	140W	130W

WATTAGE SELECTABLE (2/4ft)

225W	195W	175W

WATTAGE SELECTABLE (2/4ft)

300W	260W	230W

WATTAGE SELECTABLE (4ft)

4000K	5000K

CCT SELECTABLE

Compliances:

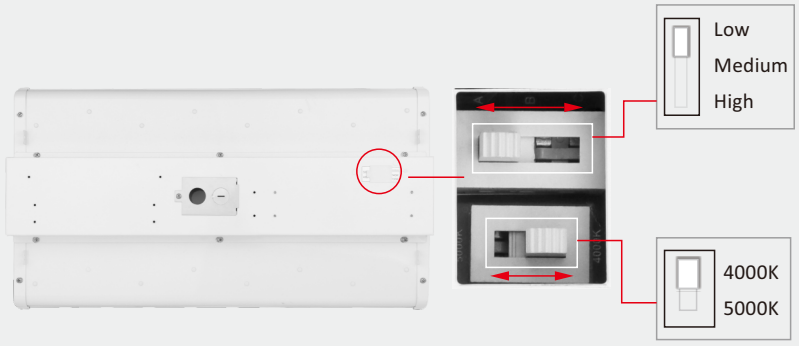
- cULus listed for dry locations.
- DLC® (DesignLights Consortium) Qualified. Please refer tothe DLC website for specific product qualifications at www.designlights.org.

Performance Data

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

Model	Lumen Level	Nominal CCT	Lumens	Watts	LPW	CRI
X-LHBD2F(105/90/80)W-(40/50)KAA	1	4000K	13200	80	165	>80
		5000K	12800	80	160	
	2	4000K	14500	90	161	
		5000K	14150	90	157	
	3	4000K	16600	105	158	
		5000K	16000	105	152	
X-LHBD2F(165/140/130)W-(40/50)KAA	1	4000K	20950	130	161	>80
		5000K	20450	130	157	
	2	4000K	22150	140	158	
		5000K	21600	140	154	
	3	4000K	25450	165	154	
		5000K	24450	165	148	
X-LHBD2F(225/195/175)W-(40/50)KAA	1	4000K	29250	175	167	>80
		5000K	28550	175	163	
	2	4000K	32200	195	165	
		5000K	31400	195	161	
	3	4000K	35550	225	158	
		5000K	34900	225	155	
X-LHBD4F(165/140/130)W-(40/50)KAA	1	4000K	21850	130	168	>80
		5000K	21350	130	164	
	2	4000K	23100	140	165	
		5000K	22550	140	161	
	3	4000K	26600	165	161	
		5000K	25750	165	156	
X-LHBD4F(225/195/175)W-(40/50)KAA	1	4000K	30100	175	172	>80
		5000K	29400	175	168	
	2	4000K	33150	195	170	
		5000K	32400	195	166	
	3	4000K	37150	225	165	
		5000K	36450	225	162	
X-LHBD4F(300/260/230)W-(40/50)KAA	1	4000K	37950	230	165	>80
		5000K	37050	230	161	
	2	4000K	42150	260	162	
		5000K	41100	260	158	
	3	4000K	47400	300	158	
		5000K	46200	300	154	

Power Selection And CCT Selection Capability



Power Setting

Size	Power Selection	Defaul Setting
2ft	Adjust power between 105/90/80W	105W
	Adjust power between 165/140/130W	165W
	Adjust power between 225/195/175W	225W
4ft	Adjust power between 165/140/130W	165W
	Adjust power between 225/195/175W	225W
	Adjust power between 300/260/230W	300W

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)

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

	HD06R Remote Control

Emergency Battery Backup

Factory-Installable ONLY

	XEBB022-20WDC Emergency battery backup EMB20U1-260 -20W/90min, for X-LHBD80W~225W, at AC120-277V/347V		XEBB023-30WDC Emergency battery backup EMB30U1-260 -30W/90min, for X-LHBD230W~300W, at AC120-277V/347V

Mounts and Kits

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

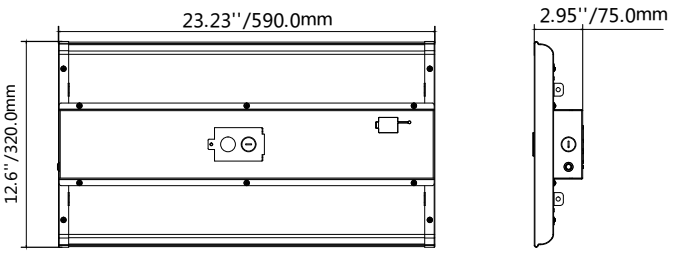
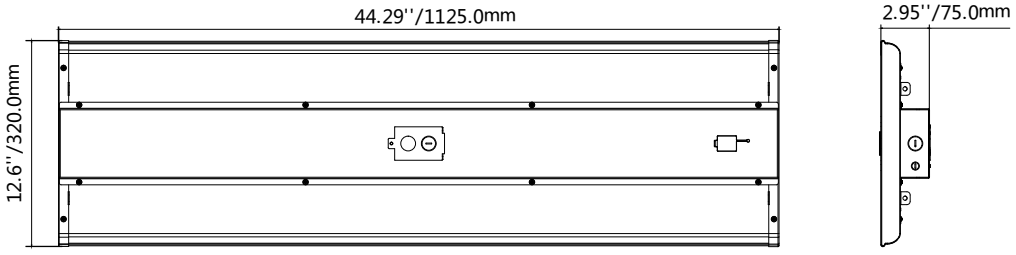
	XSPM-1.5M-A-LHB Suspension Mount - 1.5m hanging length 2pcs (Default Include)		X-LHBD-XSM-A Surface Mount for X-LHBD

Electrical Data

Model Series	Wattage(W)	Current (A)				
		Input Voltage (V)				
		120	208	240	277	347
X-LHBDXF(105/90/80)W	80	0.74	0.43	0.37	0.32	0.26
	90	0.83	0.48	0.42	0.36	0.29
	105	0.97	0.56	0.49	0.42	0.34
X-LHBDXF(165/140/130)W	130	1.20	0.69	0.60	0.52	0.42
	140	1.30	0.75	0.65	0.56	0.45
	165	1.53	0.88	0.76	0.66	0.53
X-LHBDXF(225/195/175)W	175	1.62	0.93	0.81	0.70	0.56
	195	1.81	1.04	0.90	0.78	0.62
	225	2.08	1.20	1.04	0.90	0.72
X-LHBDXF(300/260/230)W	300	2.78	1.60	1.39	1.20	0.96
	260	2.41	1.39	1.20	1.04	0.83
	230	2.13	1.23	1.06	0.92	0.74

Dimensions

(105/90/80)W
(165/140/130)W
(225/195/175)W



(165/140/130)W
(225/195/175)W
(300/260/230)W