

PFX-5220

LINEAR SELECTABLE HIGH BAY



INTRODUCTION

- **Compact & Durable Design**

Die-cast housing with an integrated structure saves shipping costs and makes installation simple.

- **Reliable Power Protection**

Built-in 6kV/10kV surge protection for steady performance in poor power conditions.

- **High Efficiency Options**

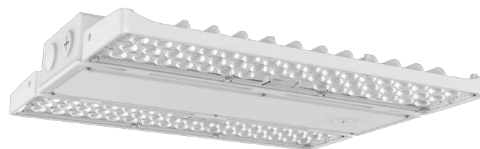
Choose between 150 lm/W standard or 170 lm/W high-efficiency models.

- **Flexible Sizes & Controls**

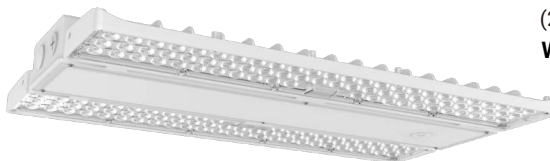
Offered in two sizes with optional motion sensor, remote control, Zhaga base, or emergency backup.

- **Wide Application Range**

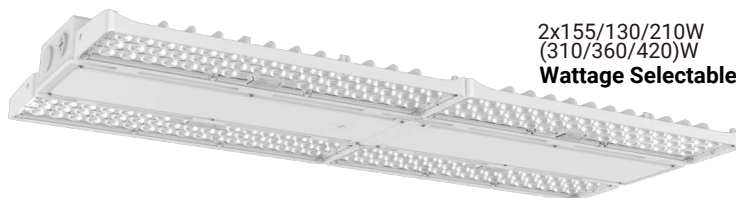
Perfect for warehouses, industrial facilities, sports venues, and gyms.



(90/105/130)W
(115/130/155)W
(155/180/210)W
Wattage Selectable



(240/270/310)W
Wattage Selectable



2x155/130/210W
(310/360/420)W
Wattage Selectable

4000K 5000K

CCT SELECTABLE

PRODUCT SPECIFICATION

Construction:

- PFX- 5220 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 50/60Hz.
- Designed to withstand surges of up to L/N - PE: 10 kV and L - N: 6 kV (for voltages of 120 - 277V/120 -347V/277 - 480V).

Optics:

- 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.

Compliances:

- cULus listed for dry locations
- DLC® (DesignLights Consortium) Qualified.

Warranty:

- 5-year limited warranty.

Finish:

- White color is standard.

Ambient Temperature:

- -13° F (-25° C) to 122° F (50° C)

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ORDERING GUIDE

EXAMPLE:PFX-5220-HBC(115/130/155)W-(40/50)KLV-SEM

Product series LHBC	Wattage1 XXXW	CCT XXK	Input Voltage 3 Y	Sensor X	Emergency Battery Y	Product code 4 X
PFX- 5220 LHBC	(90/105/130)W (115/130/155)W (155/180/210)W (240/270/310)W (310/360/420)W	(40/50)K 2 =4000K/5000K	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 2X(XEBB20-40WACHV for 420W)	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 (155/180/210)W=210W, 180W, setting 130W, 115W Selectable, 155W default setting. 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 2X155/130/210W(240/270/310)W.

PERFORMANCE DATA

High Efficacy

Model Number	Lumen Level	Wattage Selectable	Nominal CCT	CCT Selectable	@AC120-277V/120-347V			CRI
					Lumens	Watts	LPW	
PFX-5220 (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	
PFX-5220 (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	
PFX-5220 (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	
PFX-5220 (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	

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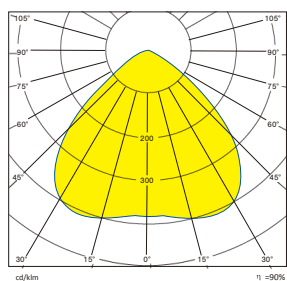


PERFORMANCE DATA

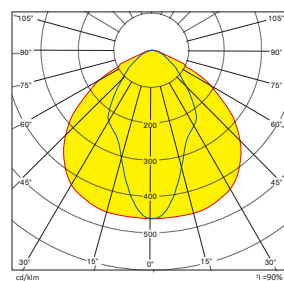
General Efficacy

Model Number	Lumen Level	Wattage Selectable	Nominal CCT	CCT Selectable	@AC120-277V/120-347V			@AC277-480V			CRI
					Lumens	Watts	LPW	Lumens	Watts	LPW	
PFX-5220- (90/105/130) W -(40/50)KLV/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	
PFX-5220- (115/130/155) W -(40/50)KLV/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	
PFX-5220- (155/180/210) W -(40/50)KLV/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	
PFX-5220- (240/270/310) W -(40/50)KLV/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	
PFX-5220- (310/360/420) W -(40/50)KLV/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	

PHOTOMETRIC



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 1.2L	Adjust power between 90/105/130W	130W
	Adjust power between 115/130/155W	155W
	Adjust power between 155/180/210W	210W
Medium 1.7L	Adjust power between 240/270/310W	310W
Small (combined) 2.4L	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)

	XEBB05-25WAC Emergency battery backup EMA25FY-170 -25W/90min, for LHBC-90W~210W, at AC120-277/347V		XEBB06-40WAC Emergency battery backup EMA40FY-170 -40W/90min, for LHBC-240W~310W, at 120-277/347V
	XEBB19-40WACHV Emergency battery backup EMA-40500DI-HY -40W/90min, for LHBC-90W~210W, at AC277-480V		XEBB20-40WACHV Emergency battery backup EMA-40500DI-HY -40W/90min, for LHBC-240W~310W, at AC277-480V

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
	XSM-A-LHB Wire Guard - small size, 2pcs /set for LHBC-90W~210W, 310-420W (need 4pcs)		XCM-A-LH Wire Guard- medium size, 2pcs/set for LHBC-240W~310W

Lens

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

	5220-MilkyLS-S-B Milky Optical Lens -small size for 5220, 1pcs		5220-MilkyLS-M-B Milky Optical Lens -medium size for 5220, 1pcs
	5220-AisleLS-S-A Aisle Optical Lens -small size for 5220, 1pcs		5220-AisleLS-M-A Aisle Optical Lens -medium size for 5220, 1pcs

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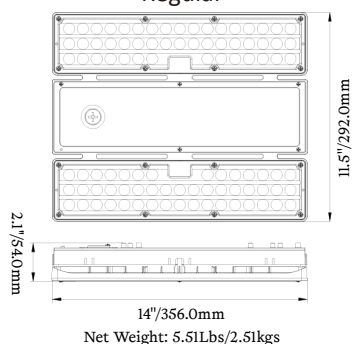
ELECTRICAL DATA

Model Series	Wattage(W)	Current (A)					
		Input Voltage (V)					
		120	208	240	277	347	480
PFX-5220 (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
PFX-5220 (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
PFX-5220 (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
PFX-5220 (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
PFX-5220 (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

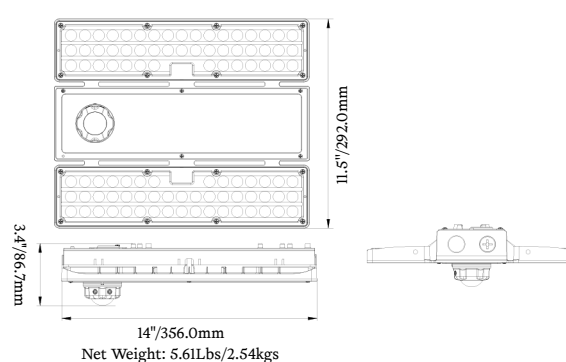
DIMENSIONS

90-210W(1.2L)

Regular



With Sensor



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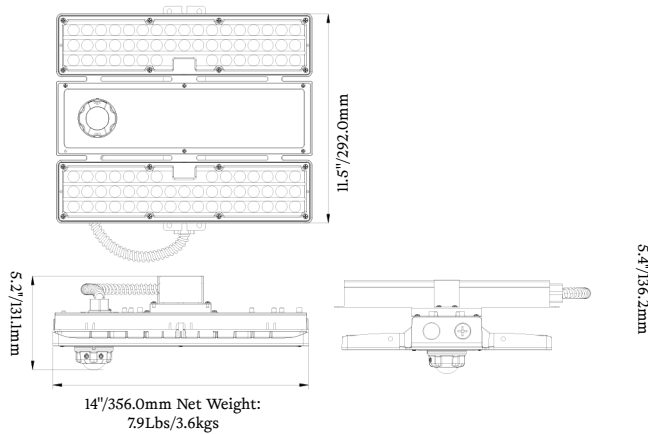
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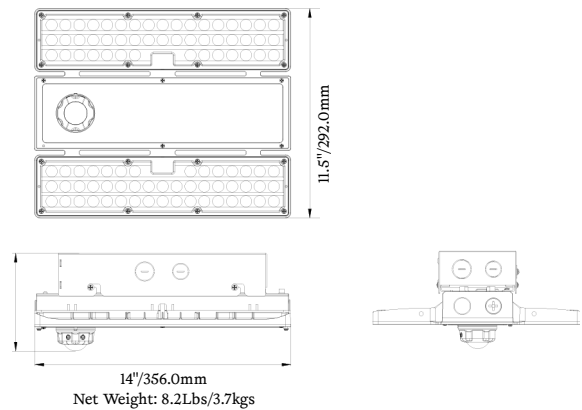


DIMENSIONS

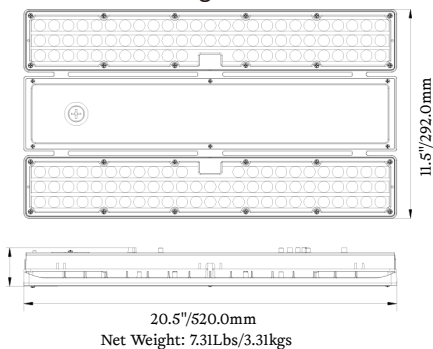
With Emergency Battery Backup & Sensor



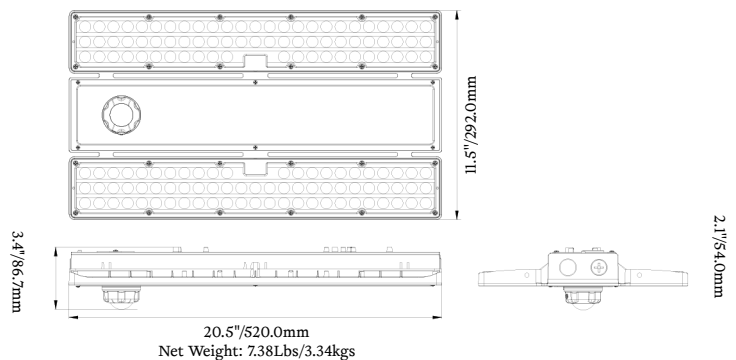
With Conduit & Surface Mount Kit & Sensor



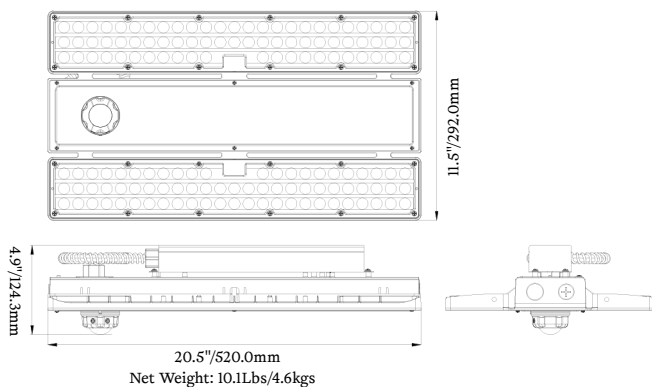
240-310W(1.7L)
Regular



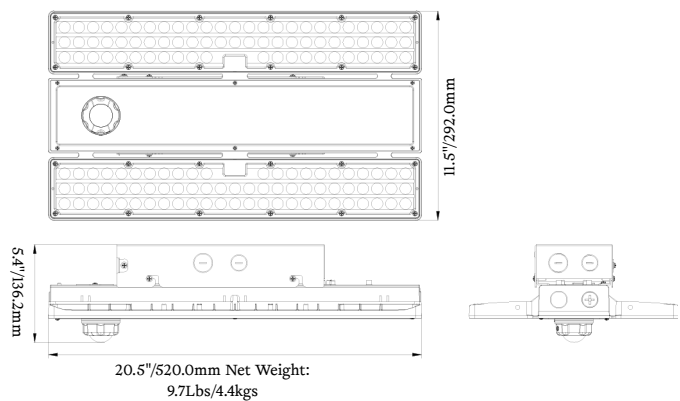
With Sensor



With Emergency Battery Backup & Sensor



With Conduit & Surface Mount Kit & Sensor



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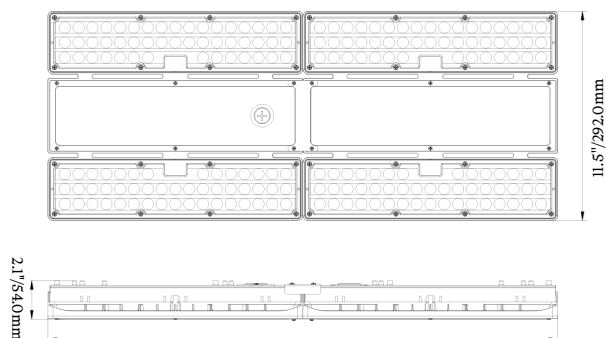
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DIMENSIONS

310-420W(2.4L)

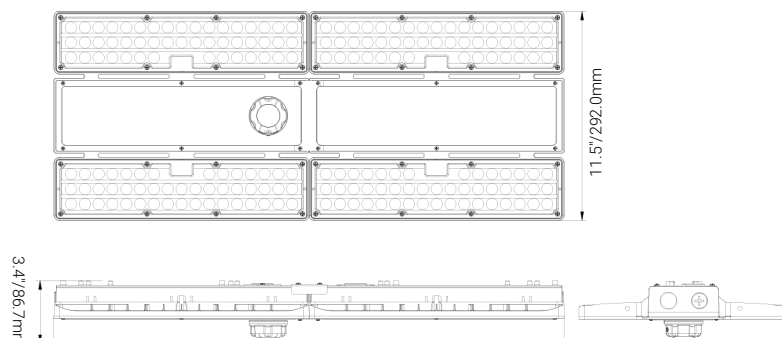
Regular



Net Weight: 11.51Lbs/5.21kgs

2X155/130/210W (310/360/420)W

With Sensor



Net Weight: 11.58Lbs/5.24kgs

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