



Applications:

Suitable for commercial, retail and institutional applications including gymnasiums, factories and warehouses.

Features

- Offering quality lighting and excellent energy savings compared to linear fluorescent and HID highbay fixtures.
- Voltage is 120-277V & 347V/480V.
- Lumen output from 8800-43800lm with efficacy up to 144lm/W.
- Multiple optics Prismatic Diffuser, Medium lens and Aisle lens available.
- PIR Sensor optional and supports Emergency Battery.
- Standard 0-10V dimming Chain or pendant mounting available. Projected life span of 50,000 hrs.
- Operating temperature is -40°C to 55°C (-40°F to 131°F).
- UL/cUL damp location and DLC qualified.



95W



190W



160W



320W



80W & 105W



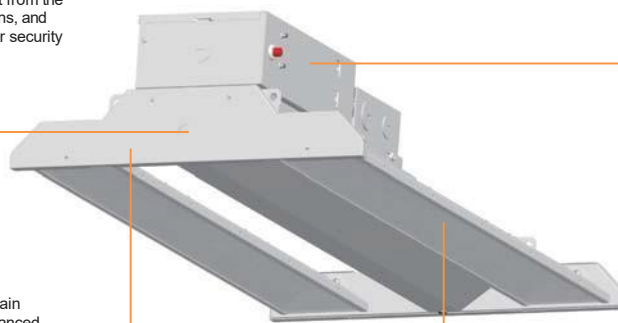
200W

1/2 inch threaded hole

It can support wires coming out from the hole for easier wire connections, and supports PIR sensor allows for security and energy saving

Housing

Suitable for J-BOX mount or chain mount or pendant mount. Advanced thermal management aluminum alloy with white coat finish



Emergency Battery

16W 2000lm 90min

Lens

Option for general distribution, medium beam, aisle beam. Each optic is designed for specific purpose.

PERFORMANCE DATA

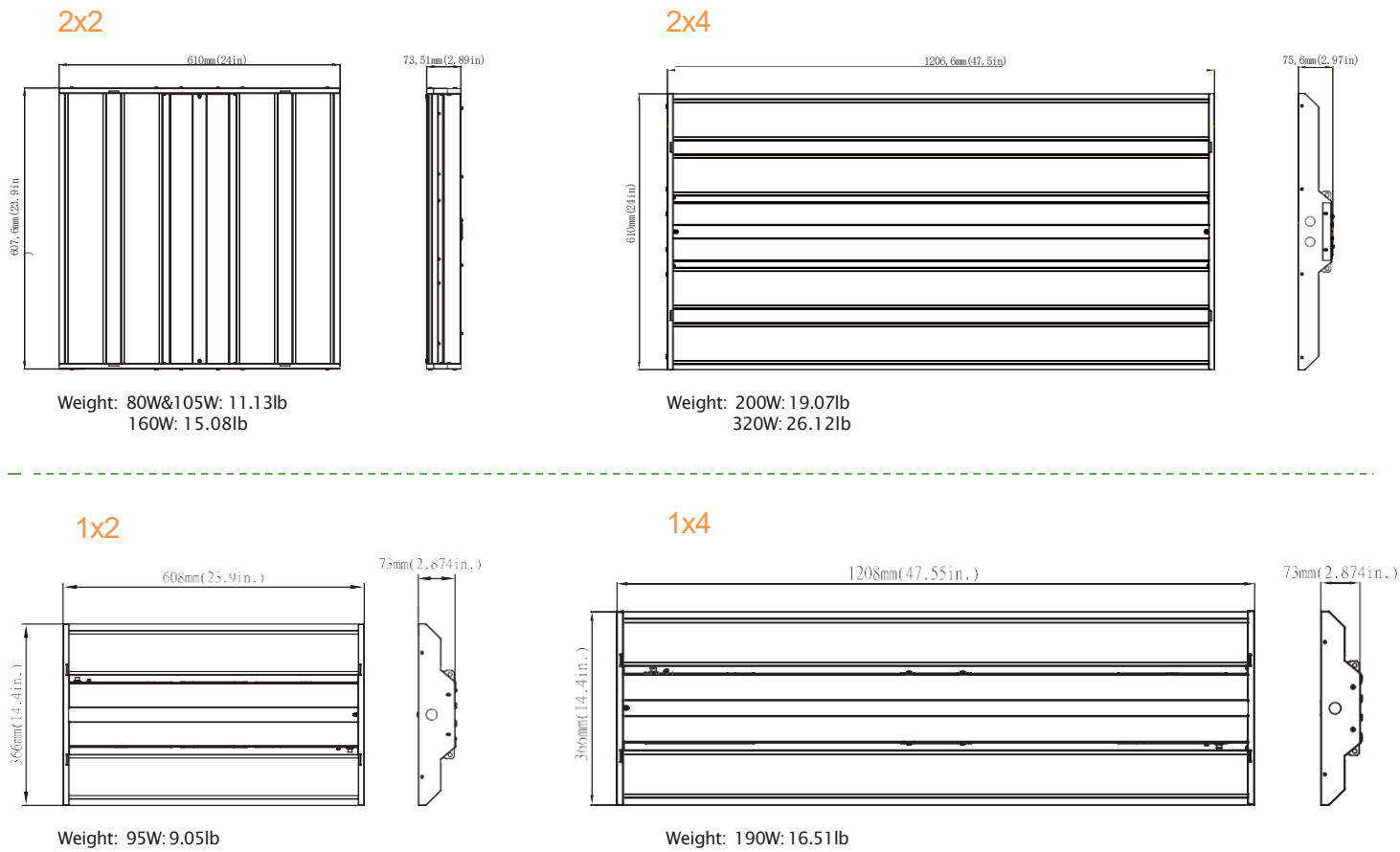
					4000K		5000K	
SYSTEM WATTS	SIZE	LENS	VOLTAGE	CRI	LUMENS	LPW	LUMENS	LPW
80W	2x2FT	Prismatic diffuser	120-277VAC	80	8800lm	110 lm/W	8900lm	111 lm/W
		Medium Lens	120-277VAC	80	11000lm	138 lm/W	11500lm	144 lm/W
		Aisle Lens	120-277VAC	80	10500lm	131 lm/W	11000lm	138 lm/W
105W	2x2FT	Prismatic diffuser	120-277VAC	80	13000lm	124 lm/W	13200lm	126 lm/W
		Medium Lens	120-277VAC	80	13300lm	127 lm/W	13600lm	130 lm/W
		Aisle Lens	120-277VAC	80	13000lm	124 lm/W	13200lm	126 lm/W
160W	2x2FT	Prismatic diffuser	120-277VAC	80	17600lm	110 lm/W	18000lm	113 lm/W
		Medium Lens	120-277VAC	80	22000lm	138 lm/W	22200lm	139 lm/W
		Aisle Lens	120-277VAC	80	21900lm	137 lm/W	22200lm	139 lm/W
200W	2x4FT	Prismatic diffuser	120-277VAC	80	20000lm	100 lm/W	20000lm	100 lm/W
		Medium Lens	120-277VAC	80	24500lm	123 lm/W	25800lm	129 lm/W
		Aisle Lens	120-277VAC	80	24400lm	122 lm/W	24800lm	124 lm/W
320W	2x4FT	Prismatic diffuser	120-277VAC	80	35000lm	109 lm/W	36000lm	113 lm/W
		Medium Lens	120-277VAC	80	42400lm	133 lm/W	43800lm	137 lm/W
		Aisle Lens	120-277VAC	80	42400lm	133 lm/W	43800lm	137 lm/W
95W	1x2FT	Prismatic diffuser	120-277VAC	70	12350lm	130 lm/W	12350lm	130 lm/W
190W	1x4FT	Prismatic diffuser	120-277VAC	70	24700lm	130 lm/W	24700lm	130 lm/W

ELECTRICAL DATA

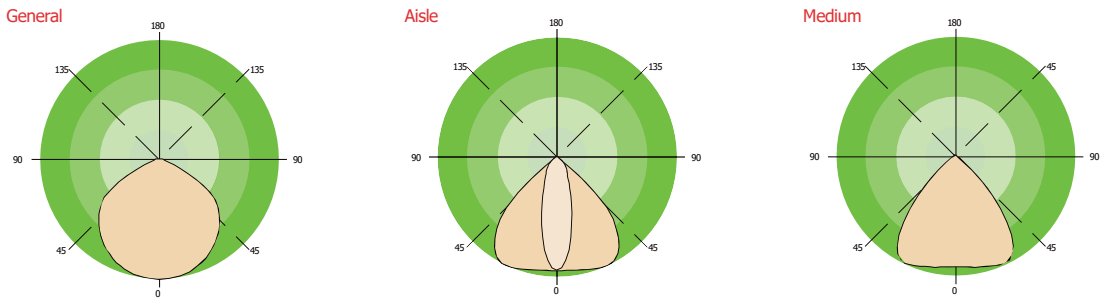
Number Of Drivers	Driver Current (mA)	Nominal Power (W)	INPUT VOLTAGE (V)	CURRENT (Amps)
1	2120	80	120	0.67
		80	208	0.38
		80	240	0.33
		80	277	0.29
		90	347	0.26
		90	480	0.19
1	2500	95	120	0.79
		95	208	0.46
		95	240	0.40
		95	277	0.34
		105	120	0.88
		105	208	0.50
1	2600	105	240	0.44
		105	277	0.38
		110	347	0.32
		110	480	0.23
		160	120	1.33
		160	208	0.77
2	4240	160	240	0.67
		160	277	0.58
		170	347	0.49
		170	480	0.35
		190	120	1.58
		190	208	0.91
2	5000	190	240	0.79
		190	277	0.69
		200	120	1.67
		200	208	0.96
		200	240	0.83
		200	277	0.72
2	5140	220	347	0.63
		220	480	0.46
		320	120	2.67
		320	208	1.54
		320	240	1.33
		320	277	1.16
4	8480	350	347	1.01
		350	480	0.73

DIMENSION

unit: inch/mm



PHOTOMETRICS



ORDERING GUIDE											Example: L-HBL22D80W27V40KHMPDB	
FixtureType	Size	Power Consumption		Input Voltage	CCT	CRI	Sensor (Option)		Diffuser (Option)	Backup Battery (Option)		
L-HBL	22D 2FT*2FT	80 80W	90 90W	27V120-277V	40K 4000K	B ≥70	M	MotionSensor	AL AisleLens	B EmergencyBattery		
	24D 2FT*4FT	105 105W	110 110W	48V347V/480V	50K 5000K	H ≥80	Blank	WithoutSensor	MDMideumLens	BlankWithout EmergencyBattery		
	12D 1FT*2FT	160 160W	170 170W						PD PrismaticDiffuser CD			
	14D 1FT*4FT	200 200W	220 220W						ClearDiffuser Blank			
		320 320W	350 350W						Without lens			
		9595W	190 190W									

Note: 1. ExternalMotionSensor, optional for on/offtype and bi-leveltype.
2. 90W, 110W, 170W, 220Wand350Warelimited to 347Vor480Vinput only.

DLC Model NO.

SYSTEM WATTS	VOLTAGE	CCT	LENS	DLC NO.	DLC Classification
80W	120/277V	4000K	Prismatic Diffuser	HBL22D80W27V40KH[BLANK M]PD[BLANK B]	Standard
	120/277V	5000K	Prismatic Diffuser	HBL22D80W27V50KH[BLANK M]PD[BLANK B]	Standard
	120/277V	4000K	Mideum Lens	HBL22D80W27V40KH[BLANK M]MD[BLANK B]	Standard
	120/277V	5000K	Mideum Lens	HBL22D80W27V50KH[BLANK M]MD[BLANK B]	Standard
	120/277V	4000K	Aisle Lens	HBL22D80W27V40KH[BLANK M]AL[BLANKB]	Standard
90W	120/277V	5000K	Aisle Lens	HBL22D80W27V50KH[BLANK M]AL[BLANKB]	Standard
	347/480V	4000K	Mideum Lens	HBL22D90W48V40KHYMDY	Standard
	347/480V	5000K	Mideum Lens	HBL22D90W48V50KHYMDY	Standard
95W	120/277V	4000K	Prismatic Diffuser	HBL12D95W27V40KB[Blank;M]PD[Blank;B]	Premium
	120/277V	5000K	Prismatic Diffuser	HBL12D95W27V50KB[Blank;M]PD[Blank;B]	Premium
	120/277V	4000K	Mideum Lens	HBL12D95W27V40KB[Blank,M]MD[Blank,B]	Premium
	120/277V	5000K	Mideum Lens	HBL12D95W27V50KB[Blank,M]MD[Blank,B]	Premium
105W	120/277V	4000K	Prismatic Diffuser	HBL22D105W27V40KH[BLANK M]PD[BLANK B]	Standard
	120/277V	5000K	Prismatic Diffuser	HBL22D105W27V50KH[BLANK M]PD[BLANK B]	Standard
	120/277V	4000K	Mideum Lens	HBL22D105W27V40KH[BLANK M]MD[BLANK B]	Standard
	120/277V	5000K	Mideum Lens	HBL22D105W27V50KH[BLANK M]MD[BLANK B]	Standard
	120/277V	4000K	Aisle Lens	HBL22D105W27V40KH[BLANK M]AL[BLANK B]	Standard
	120/277V	5000K	Aisle Lens	HBL22D105W27V50KH[BLANK M]AL[BLANK B]	Standard
	120/277V	4000K	Blank	HBL22D105W27V40KH[Blank;M][Blank;B]	Standard
110W	120/277V	5000K	Blank	HBL22D105W27V50KH[Blank;M][Blank;B]	Standard
	347/480V	4000K	Prismatic Diffuser	HBL22D110W48V40KHYPDY	Standard
	347/480V	5000K	Prismatic Diffuser	HBL22D110W48V50KHYPDY	Standard
	347/480V	4000K	Mideum Lens	HBL22D110W48V40KHYMDY	Standard
	347/480V	5000K	Mideum Lens	HBL22D110W48V50KHYMDY	Standard
160W	120/277V	4000K	Prismatic Diffuser	HBL22D160W27V40KH[BLANK M]PD[BLANK B]	Standard
	120/277V	5000K	Prismatic Diffuser	HBL22D160W27V50KH[BLANK M]PD[BLANK B]	Standard
	120/277V	4000K	Mideum Lens	HBL22D160W27V40KH[BLANK M]MD[BLANK B]	Standard
	120/277V	5000K	Mideum Lens	HBL22D160W27V50KH[BLANK M]MD[BLANK B]	Standard
	120/277V	4000K	Aisle Lens	HBL22D160W27V40KH[BLANK M]AL[BLANK B]	Standard
	120/277V	5000K	Aisle Lens	HBL22D160W27V50KH[BLANK M]AL[BLANK B]	Standard
170W	347/480V	4000K	Prismatic Diffuser	HBL22D170W48V40KHYPDY	Standard
	347/480V	5000K	Prismatic Diffuser	HBL22D170W48V50KHYPDY	Standard
	347/480V	4000K	Mideum Lens	HBL22D170W48V40KHYMDY	Standard
	347/480V	5000K	Mideum Lens	HBL22D170W48V50KHYMDY	Standard
190W	120/277V	4000K	Prismatic Diffuser	HBL14D190W27V40KB[Blank;M]PD[Blank;B]	Premium
	120/277V	5000K	Prismatic Diffuser	HBL14D190W27V50KB[Blank;M]PD[Blank;B]	Premium
	120/277V	4000K	Mideum Lens	HBL14D190W27V40KB[Blank,M]MD[Blank,B]	Premium
	120/277V	5000K	Mideum Lens	HBL14D190W27V50KB[Blank,M]MD[Blank,B]	Premium
	120/277V	4000K	Mideum Lens	HBL24D200W27V40KH[BLANK M]MD[BLANK B]	Standard
200W	120/277V	5000K	Mideum Lens	HBL24D200W27V50KH[BLANK M]MD[BLANK B]	Standard
	120/277V	4000K	Aisle Lens	HBL24D200W27V40KH[BLANK M]AL[BLANK B]	Standard
	120/277V	5000K	Aisle Lens	HBL24D200W27V50KH[BLANK M]AL[BLANK B]	Standard
	120/277V	4000K	Blank	HBL24D200W27V40KH[Blank;M][Blank;B]	Standard
	120/277V	5000K	Blank	HBL24D200W27V50KH[Blank;M][Blank;B]	Standard
220W	347/480V	4000K	Mideum Lens	HBL24D220W48V40KHYMDY	Standard
	347/480V	5000K	Mideum Lens	HBL24D220W48V50KHYMDY	Standard
	120/277V	4000K	Prismatic Diffuser	HBL24D320W27V40KH[BLANK M]PD[BLANK B]	Standard
	120/277V	5000K	Prismatic Diffuser	HBL24D320W27V50KH[BLANK M]PD[BLANK B]	Standard
320W	120/277V	4000K	Mideum Lens	HBL24D320W27V40KH[BLANK M]MD[BLANK B]	Standard
	120/277V	5000K	Mideum Lens	HBL24D320W27V50KH[BLANKM]MD[BLANK B]	Standard
	120/277V	4000K	Aisle Lens	HBL24D320W27V40KH[BLANK M]AL[BLANK B]	Standard
	120/277V	5000K	Aisle Lens	HBL24D320W27V50KH[BLANK M]AL[BLANK B]	Standard
	120/277V	4000K	Blank	HBL24D320W27V40KH[Blank;M][Blank;B]	Standard
	120/277V	5000K	Blank	HBL24D320W27V50KH[Blank;M][Blank;B]	Standard
350W	347/480V	4000K	Prismatic Diffuser	HBL24D350W48V40KHYPDY	Standard
	347/480V	5000K	Prismatic Diffuser	HBL24D350W48V50KHYPDY	Standard
	347/480V	4000K	Mideum Lens	HBL24D350W48V40KHYMDY	Standard
	347/480V	5000K	Mideum Lens	HBL24D350W48V50KHYMDY	Standard