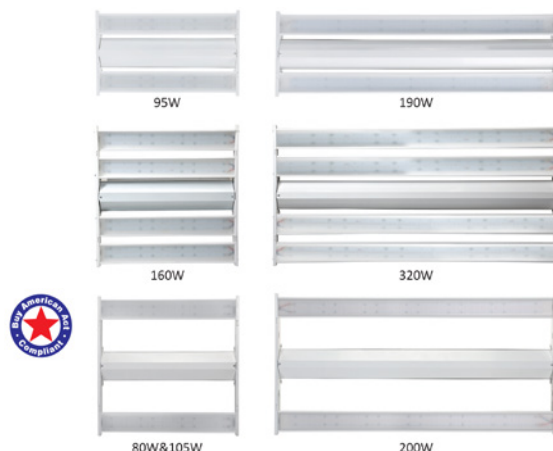


DATA SHEET: LED LINEAR HIGH BAY GEN.2 (MLHB01)

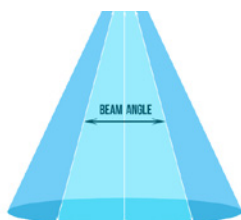
The PATRIOT LINEAR HIGH BAY GENERATION-2 serves as general illumination typically used as a replacement solution for fluorescent linear high bays. High fixture efficacy up to 144lm/W. Our GENERATION-2 LINEAR HIGH BAY LIGHTS are ballast ready for easy installation and are backed with our industry-leading 100,000-hour rated lamp life and 10-year warranty. See Ordering Model table below for our BAA compliant products. Contact us for pricing or more information.

PRODUCT BENEFITS

- 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.
- UL/cUL damp location and DLC qualified.
- Limited Warranty : 5 year (10yrs optional).
- Projected life span of 100,000 hrs.

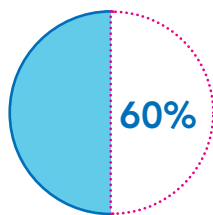


BEAM ANGLE



Patriot LED Light Distribution

CAN DECREASE ENERGY USAGE BY



vs. Similar Fluorescent Lamps

WARRANTY



Our Industry-Leading 10-Year Limited Warranty Guarantees Unsurpassed Quality

APPLICATIONS

- Suitable for commercial.
- Retail and institutional applications.
- Gymnasiums.
- Factories and warehouses.

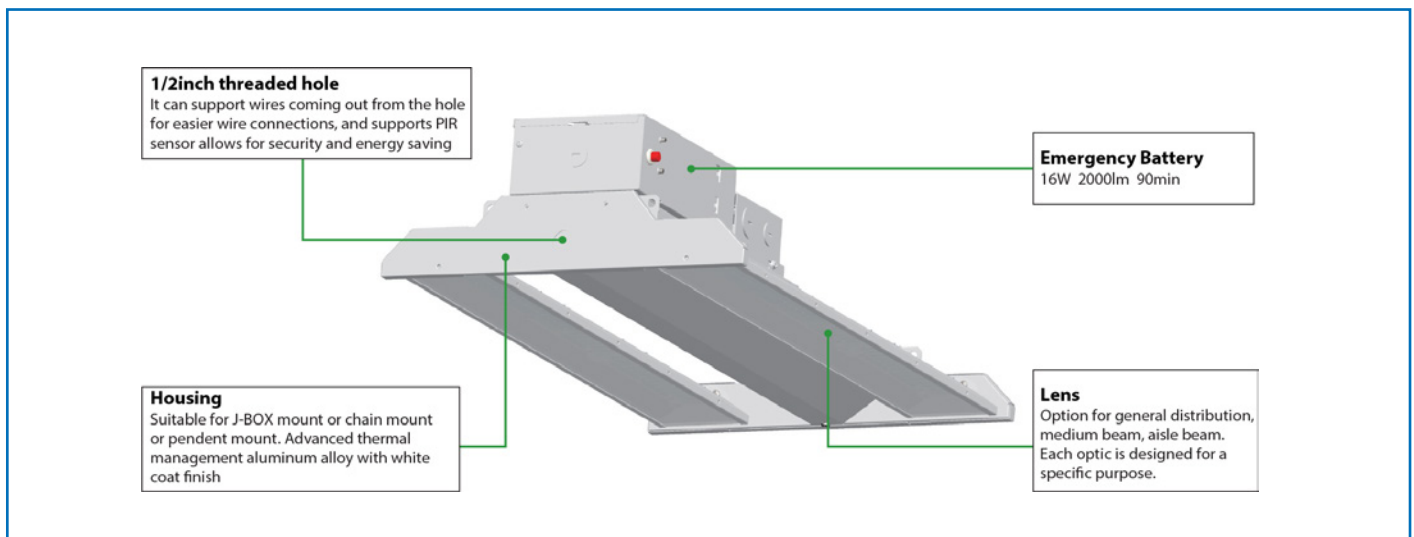


ORDERING MODEL

FIXTURE TYPE	SIZE	WATTAGE	VOLTAGE	CCT	CRI	SENSOR (OPTION)	DIFFUSER	BACKUP BATTERY(OPTION)
PT-HBL = Linear High Bay	22D = 2FT*2FT 24D = 2FT*4FT 12D = 1FT*2FT 14D = 1FT*4FT	80 = 80W	127V=120-277V 48V=347V-480V	40K 4000K 50K 5000K	H ≥80	M Motion Sensor Blank WithoutSensor	AL Aisle Lens MD Mideum Lens PD Plastic Diffuser CD Clear Diffuser Blank Without lens	B = Emergency Battery Blank = Without Emergency Battery
		90 = 90W						
		95 = 95W						
		105 = 105W						
		110 = 110W						
		160 = 160W						
		170 = 170W						
		190 = 190W						
		200 = 200W						
		220 = 220W						
		320 = 320W						
		350 = 350W						
420 = 420W								
Product Code: Example								
Example: PT-HBL22D80W27V40KHMPDB								

PERFORMANCE DATA

SYSTEM WATTS	SIZE	LENS	VOLTAGE	CRI	4000K		5000K	
					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

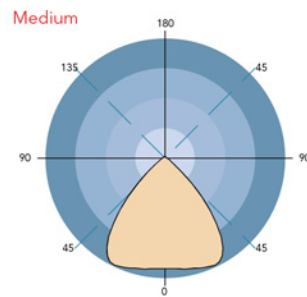
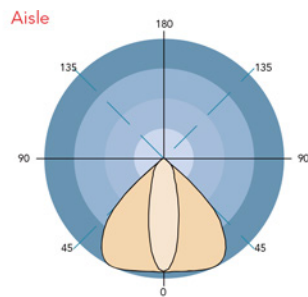
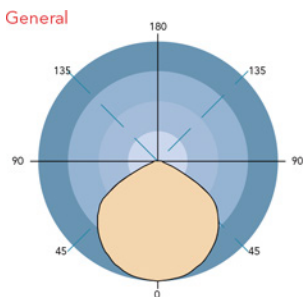




ELECTRICAL DATA

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
1	2600	105	120	0.88
		105	208	0.50
		105	240	0.44
		105	277	0.38
		110	347	0.32
		110	480	0.23
2	4240	160	120	1.33
		160	208	0.77
		160	240	0.67
		160	277	0.58
		170	347	0.49
		170	480	0.35
2	5000	190	120	1.58
		190	208	0.91
		190	240	0.79
		190	277	0.69
2	5140	200	120	1.67
		200	208	0.96
		200	240	0.83
		200	277	0.72
		220	347	0.63
		220	480	0.46
4	8480	320	120	2.67
		320	208	1.54
		320	240	1.33
		320	277	1.16
		350	347	1.01
		350	480	0.73

PHOTOMETRICS



DIMENSION
unit: inch/mm

