

# DATA SHEET: LINEAR HIGH BAY (2' X 2' 2' X 4')

## PRODUCT DESCRIPTION

The ALPHA LINEAR HIGH BAY serves as general illumination typically used as a replacement solution for fluorescent linear high bays. High fixture efficacy up to 144 lm/W.

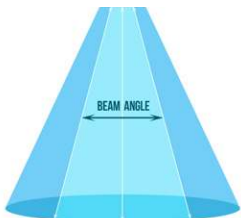
Our LINEAR HIGH BAY LIGHTS are ballast ready for easy installation and are backed with our industry-leading 100,000-hour rated lamp life and 10-year warranty. Contact us for pricing or more information.

### PRODUCT BENEFITS

- Perfect thermal management allows using in 131°F (55°C) ambient.
- Motion Sensor optional support emergency battery.
- Standard 0-10V dimming chain or pendant.
- SMD 2835 LED chips.
- Multiple optics Prismatic Diffuser, Medium lens & Aisle lens available.
- Long life LEDs lasting up to 100,000 hours.
- Limited Warranty: 5 year (10yrs optional).

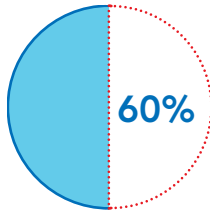


### BEAM ANGLE



ALGLED Light Distribution

### CAN DECREASE ENERGY USAGE BY



vs. Similar Fluorescent Lamps

### WARRANTY



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

### TECHNICAL DATA

- Efficiency up to 144 LPW.
- Battery Backup: Optional.
- Power Factor: More than 0.99.
- CCT: 3000K, 5000K.
- CRI: Minimum 80.
- Input Voltage: 120-277 VAC.
- Motion Sensor: ON/OFF or Bi-Level type.
- Input Frequency: 50/60Hz.

## ORDERING MODEL



FIXTURE TYPE	SIZE	WATTAGE	VOLTAGE	CCT	DIMMABLE (OPTION)
AL-H=Linear High Bay	2FT 4FT	80W	AC100-277V AC200-480V	3000K 5000K	YES
		110W			
		165W			
		225W			
		325W			
Product Code: Example					
AL-H2-80W XDZ					

## PRODUCT SPECIFICATION

Product No.	Rated Lamp Wattage	Size	Input Voltage	Color Temp (K)	Rated Lumens	Rated Efficacy	CRI	Rated Life (Hours)	Power Factor
<b>2FT LED LINEAR HIGH BAY</b>									
AL-H2-80W XDZ	80W	2ft	AC120 / 277V	3000K/5000K	11,500 lm	144 LPW	>80	100,000hrs	> 0.99
AL-H2-110W XDZ	110W	2ft	AC120 / 277V	3000K/5000K	15,600 lm	144 LPW	>80	100,000hrs	> 0.99
AL-H5-165W XDZ	165W	2ft	AC120 / 277V	3000K/5000K	22,200 lm	144 LPW	>80	100,000hrs	> 0.99
AL-H2-80W XDZ	80W	2ft	AC200-480V	3000K/5000K	13700 lm	144 LPW	>80	100,000hrs	> 0.99
AL-H2-110W XDZ	110W	2ft	AC200-480V	3000K/5000K	14850 lm	144 LPW	>80	100,000hrs	> 0.99
AL-H5-165W XDZ	165W	2ft	AC200-480V	3000K/5000K	21450 lm	144 LPW	>80	100,000hrs	> 0.99
<b>4FT LED LINEAR HIGH BAY</b>									
AL-H3-165W XDZ	165W	4ft	AC120 / 277V	3000K/5000K	21450 lm	140 LPW	>80	100,000hrs	> 0.99
AL-H3-225W XDZ	225W	4ft	AC120 / 277V	3000K/5000K	29300 lm	140 LPW	>80	100,000hrs	> 0.99
AL-H6-325W XDZ	325W	4ft	AC120 / 277V	3000K/5000K	45300 lm	140 LPW	>80	100,000hrs	> 0.99
AL-H3-165W XDZ	165W	4ft	AC200-480V	3000K/5000K	21450 lm	140 LPW	>80	100,000hrs	> 0.99
AL-H3-225W XDZ	225W	4ft	AC200-480V	3000K/5000K	29300 lm	140 LPW	>80	100,000hrs	> 0.99
AL-H6-325W XDZ	325W	4ft	AC200-480V	3000K/5000K	45300 lm	140 LPW	>80	100,000hrs	> 0.99

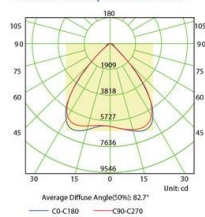
## PHYSICAL DATA

Product No.	Battery Backup	Motion Sensor	Dimensions (LxWxH)
<b>LED LINEAR HIGH BAY</b>			
HBL22D80W27V	Optional	ON/OFF or Bi-Level type	24"x3"x24"
HBL22D105W27V	Optional	ON/OFF or Bi-Level type	24"x3"x24"
LHB22D160W27V	Optional	ON/OFF or Bi-Level type	24"x3"x24"
HBL24D200W27V	Optional	ON/OFF or Bi-Level type	48"x3"x24"
HBL24D320W27V	Optional	ON/OFF or Bi-Level type	48"x3"x24"

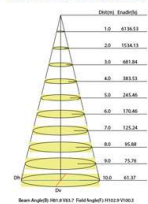
## OPTICAL SYSTEM

**HBL22D80W27V50KHMYD**

Luminous Intensity Distribution Curve

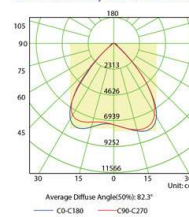


Illuminance at a Distance

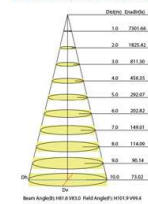


**HBL22D105W27V50KHMYD**

Luminous Intensity Distribution Curve

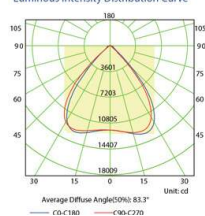


Illuminance at a Distance

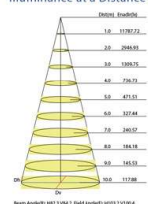


**HBL22D160W27V50KHMYD**

Luminous Intensity Distribution Curve

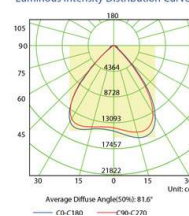


Illuminance at a Distance



**HBL24D200W27V50KHMYD**

Luminous Intensity Distribution Curve



Illuminance at a Distance

