

SYLVANIA Luminaires

ValueLED™ Linear High Bay 4A

Application

The ValueLED Linear High Bay luminaires are environmentally preferable LED alternatives to traditional linear fluorescent and HID lamps. Offering up to 73% in energy savings and ideal in place of traditional luminaires or as new installations, the ValueLED Linear High Bay series is offered in a variety of wattages for use in warehouses, manufacturing facilities, big-box retail, gymnasiums, and loading docks.

Benefits and Features

- Lightweight and easy to install
- A variety of mounting accessories and wire guards are available
- All fixtures ship with a pre-wired sensor base that is ready to accept an optional, field installable, screw-in motion/daylight sensor that installs in seconds
- Polycarbonate lens and powder coated body
- DLC 5.1 Premium listing optimizes rebate opportunities
- Up to 135 LPW
- 4000K and 5000K color temperatures
- CRI >80
- Offered in 90, 110, 130, 165, 220, 300 and 320 watts
- Wide distribution
- Energy savings up to 73%

Electrical

- 120-277V_{AC}/277-480V_{AC}
- Power Factor >0.9
- THD <20%
- 2.5kV surge suppression
- 0-10V dimmable

Rated Life

- 50,000 hours (L₇₀)

Warranty

- 5-year
- NLB Trusted Warranty Program

Operating Temperature

- -40°F to +122°F (-40°C to +50°C)
- With motion sensor: -22°F to 122°F (-30°C to +50°C)

Item #

Type

Project

Notes

Date



Wattage Comparison

Traditional Source	Traditional System Wattage	LED System Wattage	Energy Savings
4-lamp 32W T8	112	90	20%
250W MH	290	110	62%
250W HPS	295	110	63%
4-LAMP 54W T5 HO	220	130	41%
8-LAMP 32W T8	224	130	42%
250W MH	290	130	55%
250W HPS	295	130	56%
4-LAMP 54W T5 HO	220	165	25%
8-LAMP 32W T8	224	165	26%
250W MH	290	165	43%
250W HPS	295	165	43%
320W MH	370	165	55%
6-LAMP 54W T5 HO	350	220	37%
320W MH	370	220	40%
400W HPS	460	220	52%
400W MH	450	220	51%
8-LAMP 54W T5 HO	480	220	54%
8-LAMP 54W T5 HO	480	300	38%
750W HPS	840	300	64%
1000W MH	1080	300	72%
1000W HPS	1100	300	73%
8-LAMP 54W T5 HO	480	320	33%
750W HPS	840	320	62%
1000W MH	1080	320	70%
1000W HPS	1100	320	71%

Certifications and Listings

- cULus
- RoHS
- FCC
- DLC 5.1 Premium
- Suitable for damp location



Installation

- V-hooks included
- Optional surface mount brackets, pendant mount, and aircraft cable mounts are available.
Please see the Accessories section for further information
- Optional motion/daylight sensor can be field installed

Ordering Guide

LNHIBA	4A	/	XXX	UNV	8	XX	/	XX	W	/	WH	/	X
Product Name	Generation		Wattage	Voltage	CRI	Color Temp		Dimensions	Distribution		Color/Finish		Options
LNHIBA = Linear High Bay	4A = Generation 4A		90 = 90W 110 = 110W 130 = 130W 165 = 165W 220 = 220W 300 = 300W 320 = 320W	UNV = 120-277V HUV = 277-480V	8 = >80	40 = 4000K 50 = 5000K		12 = 1'X2' 13 = 1'X3'	W = Wide distribution		WH = White		E = Emergency Battery Back-Up

Ordering Information

Item Number	Ordering Abbreviation	Power (W)	Input Voltage (V)	Color Temp.	Dimming	CRI	Total Fixture Lumens (lm)	LPW	Size	DLC	Options	 MTO*
62280	LNHIBA4A/090UNVD840/12W/WH	90	120-277	4000K	0-10V	>80	12,150	135	11.8" x 24.8"	Prm	—	—
62281	LNHIBA4A/090UNVD850/12W/WH	90	120-277	5000K	0-10V	>80	12,150	135	11.8" x 24.8"	Prm	—	—
62282	LNHIBA4A/130UNVD840/12W/WH	130	120-277	4000K	0-10V	>80	17,550	135	11.8" x 24.8"	Prm	—	—
62283	LNHIBA4A/130UNVD850/12W/WH	130	120-277	5000K	0-10V	>80	17,550	135	11.8" x 24.8"	Prm	—	—
62284	LNHIBA4A/165UNVD840/12W/WH	165	120-277	4000K	0-10V	>80	22,275	135	11.8" x 24.8"	Prm	—	—
62285	LNHIBA4A/165UNVD850/12W/WH	165	120-277	5000K	0-10V	>80	22,275	135	11.8" x 24.8"	Prm	—	—
62286	LNHIBA4A/220UNVD840/12W/WH	220	120-277	4000K	0-10V	>80	29,700	135	14.2" x 24.8"	Prm	—	—
62287	LNHIBA4A/220UNVD850/12W/WH	220	120-277	5000K	0-10V	>80	29,700	135	14.2" x 24.8"	Prm	—	—
62288	LNHIBA4A/300UNVD840/13W/WH	300	120-277	4000K	0-10V	>80	40,500	135	15.2" x 35.4"	Prm	—	—
62289	LNHIBA4A/300UNVD850/13W/WH	300	120-277	5000K	0-10V	>80	40,500	135	15.2" x 35.4"	Prm	—	—
62290	LNHIBA4A/110HUV840/12W/WH	110	277-480	4000K	0-10V	>80	14,850	135	11.8" x 24.8"	Prm	—	—
62291	LNHIBA4A/110HUV850/12W/WH	110	277-480	5000K	0-10V	>80	14,850	135	11.8" x 24.8"	Prm	—	—
62292	LNHIBA4A/165HUV840/12W/WH	165	277-480	4000K	0-10V	>80	22,275	135	12.8" x 24.8"	Prm	—	—
62293	LNHIBA4A/165HUV850/12W/WH	165	277-480	5000K	0-10V	>80	22,275	135	12.8" x 24.8"	Prm	—	—
62294	LNHIBA4A/220HUV840/12W/WH	220	277-480	4000K	0-10V	>80	29,700	135	15.2" x 24.8"	Prm	—	—
62295	LNHIBA4A/220HUV850/12W/WH	220	277-480	5000K	0-10V	>80	29,700	135	15.2" x 24.8"	Prm	—	—
62296	LNHIBA4A/320HUV840/13W/WH	320	277-480	4000K	0-10V	>80	43,200	135	15.2" x 35.4"	Prm	—	—
62297	LNHIBA4A/320HUV850/13W/WH	320	277-480	5000K	0-10V	>80	43,200	135	15.2" x 35.4"	Prm	—	—
65722	LNHIBA4A/090UNVD840/12W/WH/E	90	120-277	4000K	0-10V	>80	12,150	135	11.8" x 24.8"	Prm	Emergency Battery Back-up [†]	MTO
65723	LNHIBA4A/090UNVD850/12W/WH/E	90	120-277	5000K	0-10V	>80	12,150	135	11.8" x 24.8"	Prm	Emergency Battery Back-up [†]	MTO
65724	LNHIBA4A/130UNVD840/12W/WH/E	130	120-277	4000K	0-10V	>80	17,550	135	11.8" x 24.8"	Prm	Emergency Battery Back-up [†]	MTO
65725	LNHIBA4A/130UNVD850/12W/WH/E	130	120-277	5000K	0-10V	>80	17,550	135	11.8" x 24.8"	Prm	Emergency Battery Back-up [†]	MTO
65726	LNHIBA4A/165UNVD840/12W/WH/E	165	120-277	4000K	0-10V	>80	22,275	135	11.8" x 24.8"	Prm	Emergency Battery Back-up [†]	MTO
65727	LNHIBA4A/165UNVD850/12W/WH/E	165	120-277	5000K	0-10V	>80	22,275	135	11.8" x 24.8"	Prm	Emergency Battery Back-up [†]	MTO
65728	LNHIBA4A/220UNVD840/12W/WH/E	220	120-277	4000K	0-10V	>80	29,700	135	14.2" x 24.8"	Prm	Emergency Battery Back-up [†]	MTO
65729	LNHIBA4A/220UNVD850/12W/WH/E	220	120-277	5000K	0-10V	>80	29,700	135	14.2" x 24.8"	Prm	Emergency Battery Back-up [†]	MTO
65730	LNHIBA4A/300UNVD840/13W/WH/E	300	120-277	4000K	0-10V	>80	40,500	135	15.2" x 35.4"	Prm	Emergency Battery Back-up [†]	MTO
65731	LNHIBA4A/300UNVD850/13W/WH/E	300	120-277	5000K	0-10V	>80	40,500	135	15.2" x 35.4"	Prm	Emergency Battery Back-up [†]	MTO

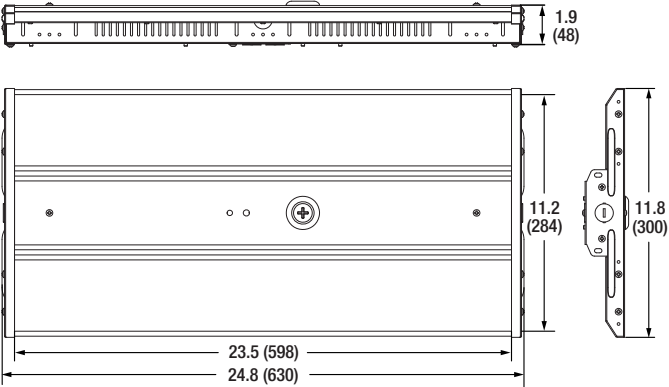
*Made To Order

†Emergency battery back-up provides 2000 lumens for 90 minutes.

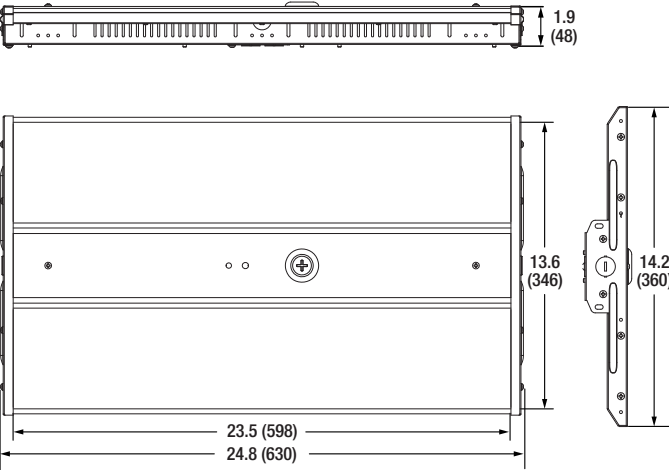
Physical Information

Description	(A) Length (in)	(B) Width (in)	(C) Height (in)
2ft	24.8	11.8	1.9
2ft 220W	24.8	14.2	1.9
3ft	35.4	15.2	2.1

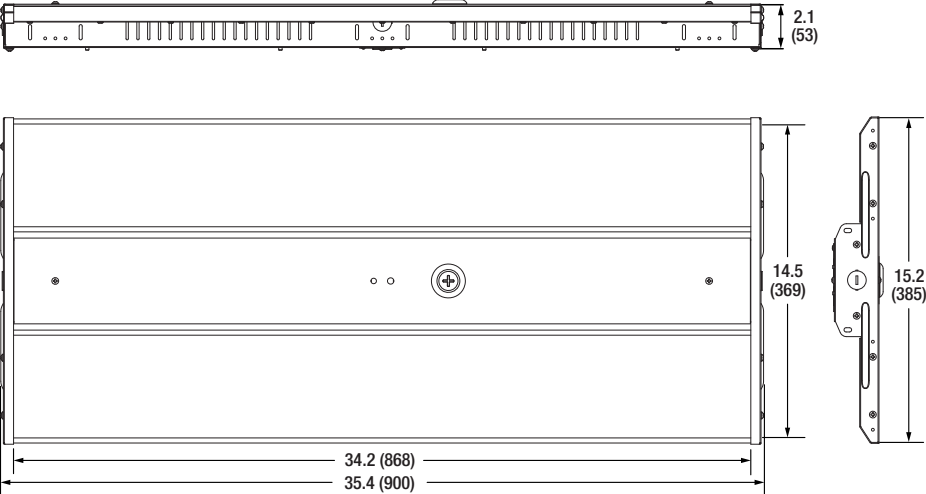
UNV: 90W, 130W, 165W
HUV: 110W, 165W



UNV: 220W
HUV: 220W

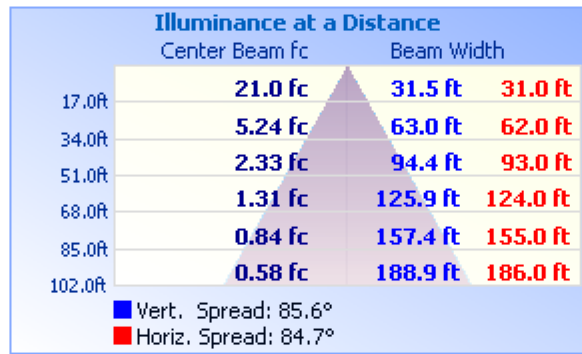


UNV: 300W
HUV: 320W

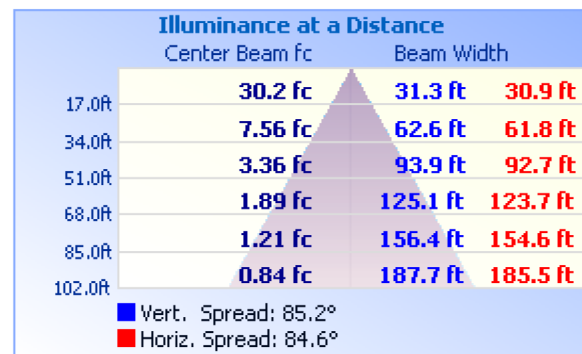


Illuminance Data

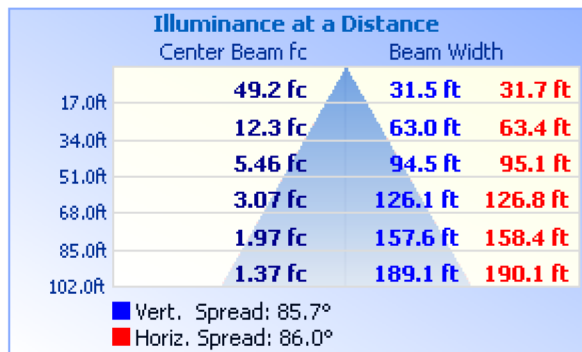
90W UNV



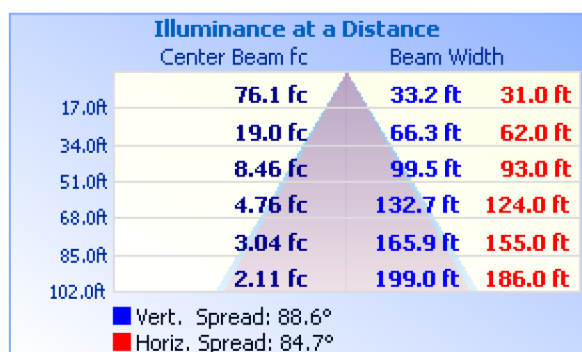
130W UNV



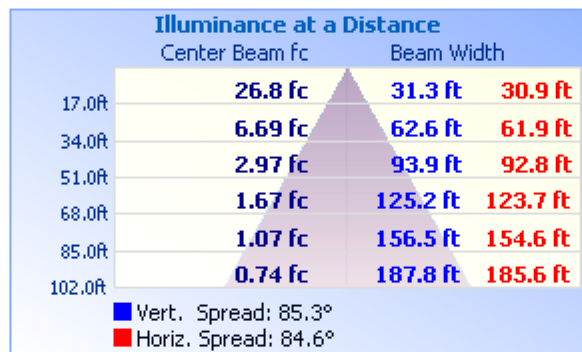
220W UNV



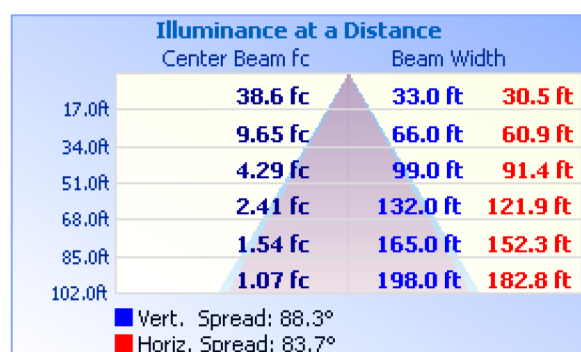
300W UNV



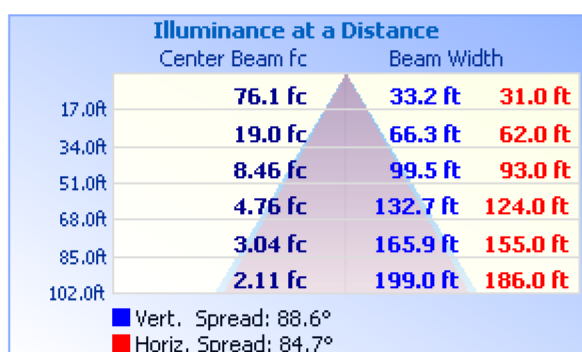
110W HUV



165W HUV



320W HUV



Available Accessories

Item Number	Ordering Abbreviation	Description
65673	LNHIBA4A/SURFMTGBRACKET01/WH	Surface Mount Bracket for 90, 130, 165 and 220W UNV products – can be used to surface mount or pendant mount fixture – 2 brackets per SKU (for mounting 1 fixture)
65674	LNHIBA4A/SURFMTGBRACKET02/WH	Surface Mount Bracket for 300W UNV and ALL HUV products – can be used to surface mount or pendant mount fixture – 2 brackets per SKU (for mounting 1 fixture)
65675	LNHIBA4A/PENDMTGBRACKET01/WH	Pendant Mount Bracket with integral junction box for 90, 130, 165 and 220W UNV products – 1 bracket per SKU (for mounting 1 fixture) – for 1/2" or 3/4" pipe
65676	LNHIBA4A/PENDMTGBRACKET02/WH	Pendant Mount Bracket with integral junction box for 300W UNV and ALL HUV products – 1 bracket per SKU (for mounting 1 fixture) – for 1/2" or 3/4" pipe
65677	LNHIBA4A/WG01/WH	Wire Guard for 90, 110, 130, 165W (UNV or HUV) fixtures – 2 guards per SKU (for mounting to one fixture)
65678	LNHIBA4A/WG02/WH	Wire Guard for 220W (UNV or HUV) fixtures – 2 guards per SKU (for mounting to one fixture)
65679	LNHIBA4A/WG03/WH	Wire Guard for 300 or 320W fixtures – 2 guards per SKU (for mounting to one fixture)
65622	HIGHBAY/MOTIONDAYSENSOR	Field installable microwave Motion/Daylight sensor with maximum mounting height of 49ft.*
62664	HIGHBAY/PIR/MOTIONDAYSENSOR2	Field installable PIR DC Motion/Daylight Sensor, IP65, Max. mounting height 39 ft.*
65623	REMOTE/MOTIONDAY/001	Remote control for Motion/Daylight Sensors (65622 and 62664) – Remote is required to change default settings
60573	LNHIBA2A/CHAINMT	Chain Mount (5 foot) – 2 per SKU (for mounting 1 fixture)
60574	LNHIBA2A/ACCABLEMT	Cable Mount (5 foot) – 2 per SKU (for mounting 1 fixture)

*Remote required to change default settings.

Accessory Compatibility Information

Item Number	Ordering Abbreviation	Power (W)	Input Voltage (V)	Surface Mount	Pendant Mount	Wire Guard
62280	LNHIBA4A/090UNVD840/12W/WH	90	120-277	65673	65675	65677
62281	LNHIBA4A/090UNVD850/12W/WH	90	120-277	65673	65675	65677
62282	LNHIBA4A/130UNVD840/12W/WH	130	120-277	65673	65675	65677
62283	LNHIBA4A/130UNVD850/12W/WH	130	120-277	65673	65675	65677
62284	LNHIBA4A/165UNVD840/12W/WH	165	120-277	65673	65675	65677
62285	LNHIBA4A/165UNVD850/12W/WH	165	120-277	65673	65675	65677
62286	LNHIBA4A/220UNVD840/12W/WH	220	120-277	65673	65675	65678
62287	LNHIBA4A/220UNVD850/12W/WH	220	120-277	65673	65675	65678
62288	LNHIBA4A/300UNVD840/13W/WH	300	120-277	65674	65676	65679
62289	LNHIBA4A/300UNVD850/13W/WH	300	120-277	65674	65676	65679
62290	LNHIBA4A/110HUV840/12W/WH	110	277-480	65674	65676	65677
62291	LNHIBA4A/110HUV850/12W/WH	110	277-480	65674	65676	65677
62292	LNHIBA4A/165HUV840/12W/WH	165	277-480	65674	65676	65677
62293	LNHIBA4A/165HUV850/12W/WH	165	277-480	65674	65676	65677
62294	LNHIBA4A/220HUV840/12W/WH	220	277-480	65674	65676	65678
62295	LNHIBA4A/220HUV850/12W/WH	220	277-480	65674	65676	65678
62296	LNHIBA4A/320HUV840/13W/WH	320	277-480	65674	65676	65679
62297	LNHIBA4A/320HUV850/13W/WH	320	277-480	65674	65676	65679

Optional Motion/Daylight Sensor Default Settings (65662 and 62664)*

Detection Area	100%
Hold time – Time fixture stays at 100% after last motion before dimming	5 Minutes
Daylight threshold – Light level above which lights will remain off	50 Lux
Standby period – Time light remains dimmed before shutting off	60 Minutes
Standby dimming – Dimming level of light during stand-by period	30%

*The default settings can only be changed using the optional remote 65623.

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Specifications subject to change without notice.

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