

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
- 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

- 120-277VAC/277-480VAC
- Power Factor >0.9
- THD <20%
- 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: -22F to 122F (-30°C to +50°C)

Certifications and Listings

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

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%

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	/ XX
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	D = Daylight/Motion Sensor E = Emergency Battery Back-Up DE = Daylight/Motion Sensor + Emergency Battery Back-Up

Ordering Information

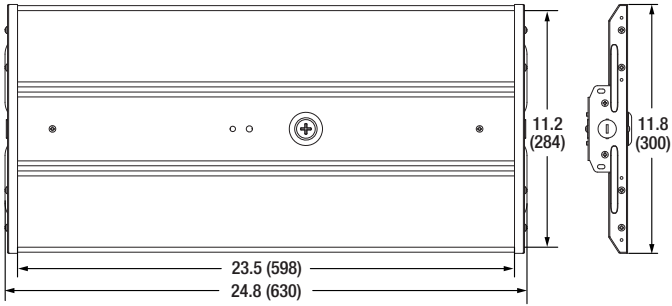
Item Number	Ordering Abbreviation	Power (W)	Input Voltage (V)	Color Temp.	Dimming	CRI	Total Fixture Lumens (lm)	LPW	Size	DLC	Options
62280	LNHIBA4A/090UNVD840/12W/WH	90	120-277	4000K	0-10V	>80	12,150	135	11.8" x 24.8"	Prm	–
62281	LNHIBA4A/090UNVD850/12W/WH	90	120-277	5000K	0-10V	>80	12,150	135	11.8" 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
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
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
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
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
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
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
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
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
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

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

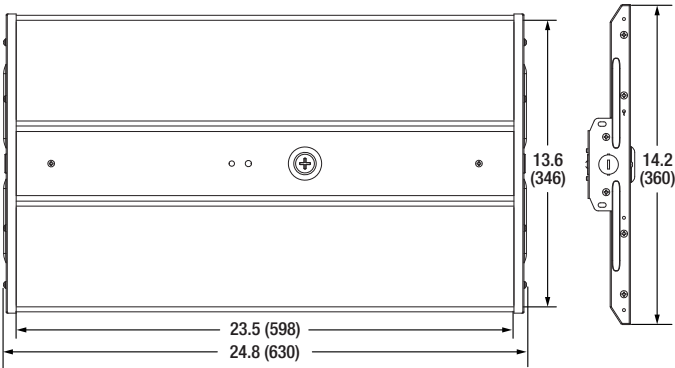
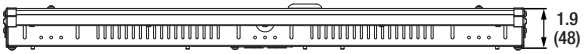
UNV: 90W, 130W, 165W

HUV: 110W, 165W



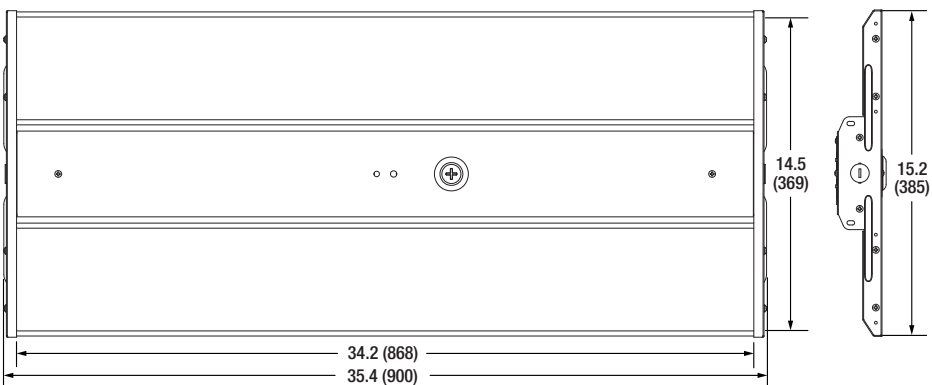
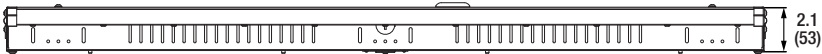
UNV: 220W

HUV: 220W



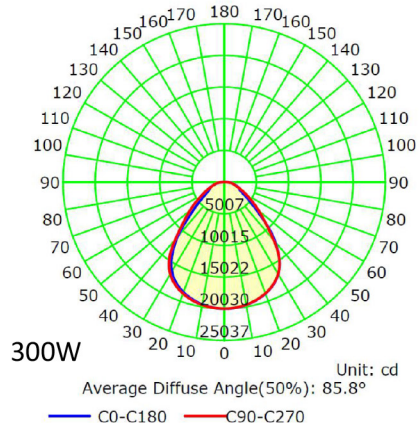
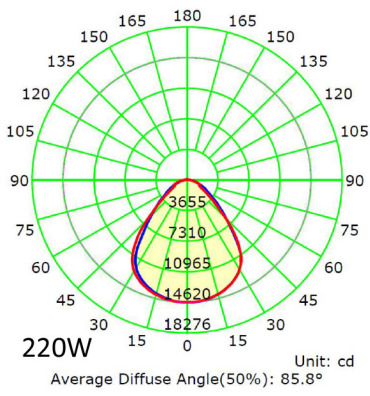
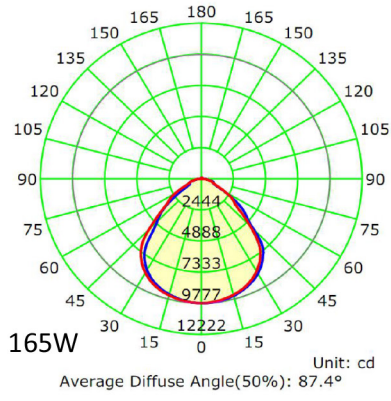
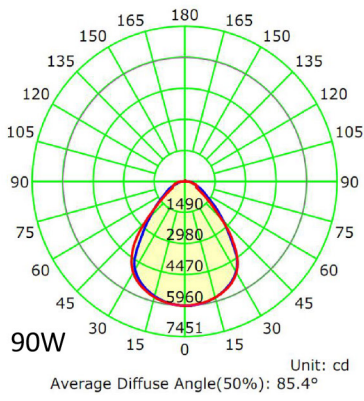
UNV: 300W

HUV: 320W

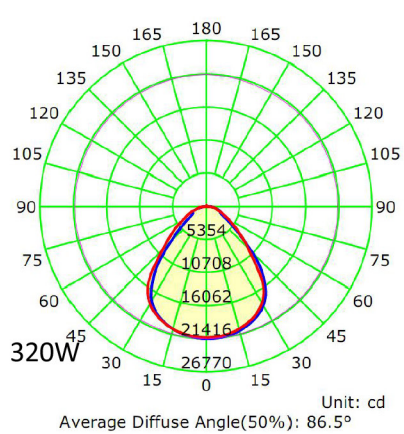
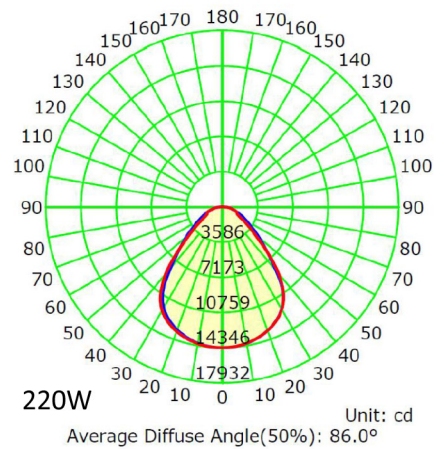
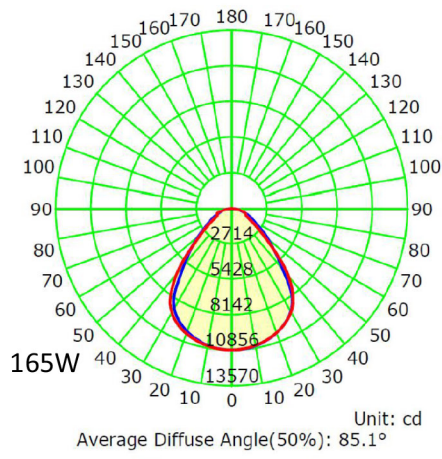
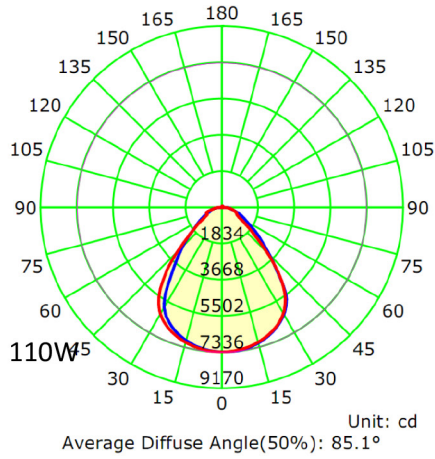


Photometric Data

UNV



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 DC Motion/Daylight Sensor
65623	REMOTE/MOTIONDAY/001	Remote control for Motion/Daylight Sensor – 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)

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*

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.

LEDVANCE LLC
 200 Ballardvale Street
 Wilmington, MA 01887 USA
 Phone 1-800-LIGHTBULB (1-800-544-4828)
 www.ledvanceUS.com

Name:

Email:

Phone:

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