

LED HIGH BAY LIGHT LumBAYULTRA

The LumBAYULTRA LED High Bay is a slim, competitively priced, high-performance luminaire engineered to simplify specification, installation, and inventory management. With field-switchable wattage and color temperature, adjustable outer light bars, and three mounting options, LumBAYULTRA adapts on site to changing project requirements—making it a smart, stocking-friendly solution for distributors, contractors, and national account programs.

Available in three fixture sizes and offering optional motion control and battery backup, LumBAYULTRA delivers exceptional flexibility for warehouses, distribution centers, manufacturing facilities, gymnasiums, and retail back-of-house environments. Its versatile design allows a single luminaire platform to address virtually all high-bay lighting applications, ideal for both new construction and retrofit projects.

Built for performance and value, LumBAYULTRA combines proven LED technology, efficient thermal management, and durable construction to provide consistent illumination and long service life—while remaining cost-effective for large-scale deployments.

FEATURES

CONSTRUCTION

- Quickly separate driver from LED module for easy maintenance.
- Adjustable wattage and color temp via easy access dip switch
- Standard 6KV Surge Protection
- 0-10v Dimming Driver
- 80+ CRI
- Suitable for use in -40°C to 40°C Ambient
- Hook Mounting Standard
- Outer Light Bars Are Adjustable

LISTING

- UL and cUL Listed
- DLC Listed
- 5-Year Warranty

HOUSING

- Quality aluminum housing
- Superior thermal management for extended fixture life and reliable performance
- Easy access and installation with tool-less entry

FINISH

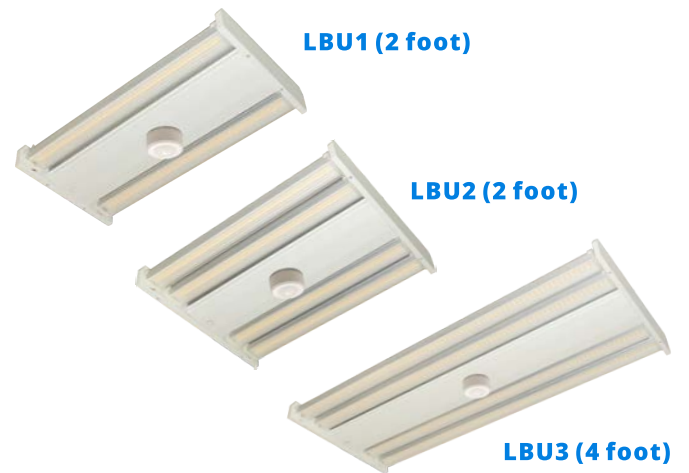
- White Finish standard

LENS

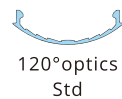
- Diffused Polycarbonate Lens
- Type II or Type V optics standard

OPTIONS

- Alternative 277v-480v driver
- PIR Occupancy Sensor
- Emergency Battery Back Up



Outer Light bars are 180° adjustable for applications requiring up-light



120° optics Std



50x90 optics Optional



V-Hook



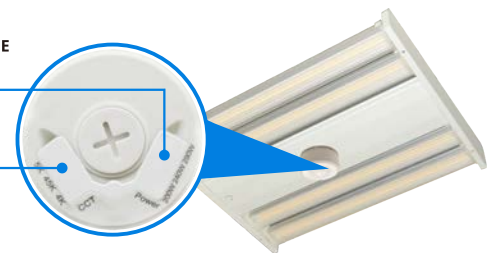
Pendant



Aircraft Cable

3 WATTAGE ADJUSTABLE
200/240/290W

3 CCT ADJUSTABLE
4000K/4500K/5000K



SPECIFICATIONS

Lumen Package (LM):	Up to 68,900 lumens
Wattage Range (W):	80 to 450 watts
Efficacy Range (LPW):	Up to 172 LPW
Product Weight:	8.75LBS / 12.2LBS / 17.9LBS
Carton LBS:	1.2LBS / 2LBS / 3.6LBS

Specialized expertise and focus on ESCOs, national accounts and distributor partnerships
Call 866-458-6372 for assistance.

ORDERING GUIDE



Series	Wattage	CCT	Distribution
LBU1 LumBAYULTRA (2 foot) LBU2 LumBAYULTRA (2 foot) LBU3 LumBAYULTRA (4 foot)	A1 80/125/180 watts ¹ A2 200/240/290 watts ² A3 325/385/450 watts ³	A 4000/4500/5000K	5 Type V(Standard) 2 Type II

Voltage	Mounting	Color	Controls-Options
U Universal 120-277V H High voltage 277-480V	V V Hook (Standard) A Aircraft Cable P Pendant ⁴	WH White	OC PIR Occupancy Sensor EM Emergency Battery Backup

Foot Notes:

- 1 For LumBAYULTRA 1 only
- 2 For LumBAYULTRA 2 only
- 3 For LumBAYULTRA 3 only
- 4 3/4" trade size pendant conduit stems and hardware provided by others

OPTIONS



PIR Occupancy Sensor

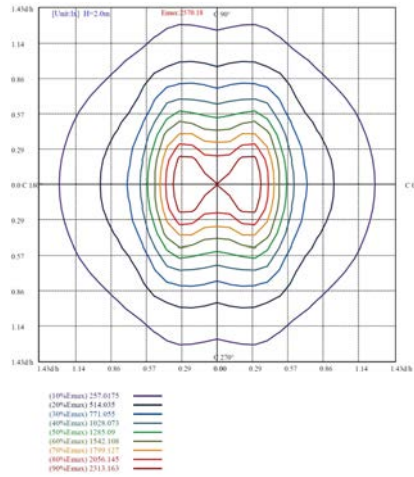


Emergency Battery Backup

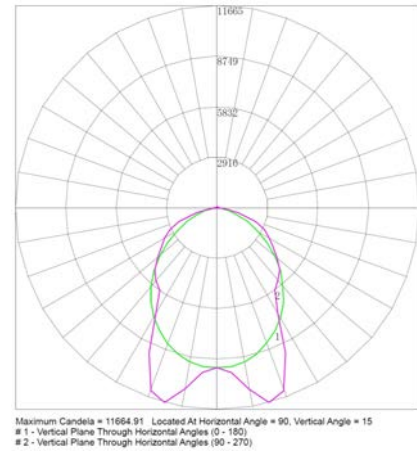
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DISTRIBUTION

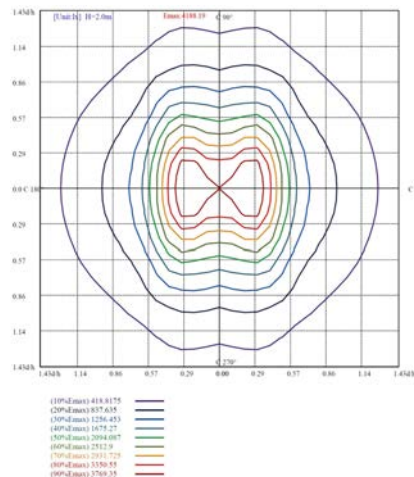
180W Type V ISO illuminance diagram(Lux) 4000K



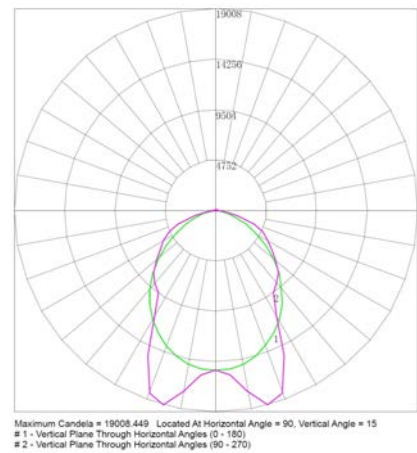
180W Type V Polar Curves of 4000K



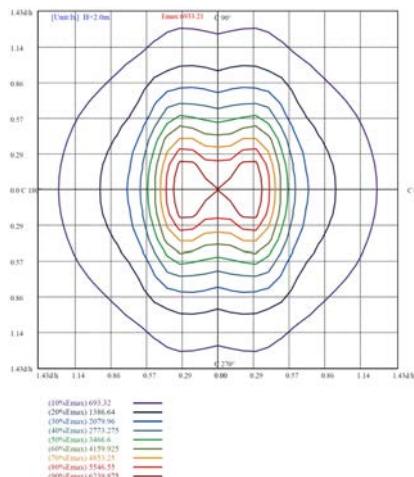
290W Type V ISO illuminance diagram(Lux) 4000K



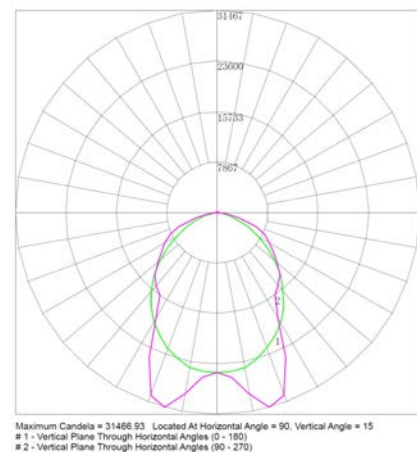
290W Type V Polar Curves of 4000K



450W Type V ISO illuminance diagram(Lux) 4000K



450W Type V Polar Curves of 4000K



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PERFORMANCE DATA

PERFORMANCE DATA			4000K					4500K					5000K				
Lumen Package	Distribution	CRI	Delivered Lumens	Efficacy (LPW)	BUG Rating			Delivered Lumens	Efficacy (LPW)	BUG Rating			Delivered Lumens	Efficacy (LPW)	BUG Rating		
					B	U	G			B	U	G			B	U	G
80 watts	2 Type II	80	12692	156	5	3	3	13573	172	5	3	3	12754	156	5	3	3
	5 Type V	80	12794	154	4	3	2	13829	171	4	3	2	12854	154	4	3	2
125 watts	2 Type II	80	18542	146	5	3	3	19829	162	5	3	3	18633	147	5	3	3
	5 Type V	80	18104	145	4	3	2	19568	161	4	3	2	18189	145	4	3	2
180 watts	2 Type II	80	24622	136	5	3	3	26331	150	5	3	3	24742	136	5	3	3
	5 Type V	80	24232	137	4	3	2	26191	152	4	3	2	24345	137	4	3	2
200 watts	2 Type II	80	30516	151	5	3	4	33547	170	5	3	4	32215	159	5	3	4
	5 Type V	80	30852	151	5	3	2	33377	169	5	3	2	32614	159	5	3	2
240 watts	2 Type II	80	35669	147	5	3	4	39212	165	5	3	4	37655	154	5	3	4
	5 Type V	80	35044	145	5	3	2	37912	162	5	3	2	37045	153	5	3	2
290 watts	2 Type II	80	39552	137	5	3	4	43481	155	5	3	4	41754	145	5	3	4
	5 Type V	80	39488	137	5	3	2	42720	153	5	3	2	41743	145	5	3	2
325 watts	2 Type II	80	49882	154	5	4	4	52049	168	5	4	4	50492	155	5	4	4
	5 Type V	80	49383	153	5	3	3	51529	166	5	3	3	49987	154	5	3	3
385 watts	2 Type II	80	56938	150	5	4	4	59412	163	5	4	4	57634	151	5	4	4
	5 Type V	80	56369	148	5	3	3	58818	161	5	3	3	57058	149	5	3	3
450 watts	2 Type II	80	66031	146	5	4	4	68900	158	5	4	4	66838	147	5	4	4
	5 Type V	80	65371	144	5	3	3	68211	157	5	3	3	66170	145	5	3	3

LUMEN MAINTENANCE TESTING DATA

LUMINAIRE AMBIENT TEMPERATURE FACTOR(LATF)		
Ambient Temp		Lumen Multiplier
(°C)	(°F)	
0°C	32°F	/
10°C	50°F	/
20°C	68°F	/
30°C	77°F	99%
40°C	86°F	98%
50°C	104°F	97%

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ELECTRICAL DATA

Nominal Wattage	Input Voltage	Current Amps
80 watts	120	1.5
	208	2.6
	240	3
	277	3.5
	347	4.3
	480	6
125 watts	120	1
	208	1.7
	240	1.9
	277	2.2
	347	2.8
	480	3.8
180 watts	120	0.7
	208	1.2
	240	1.3
	277	1.5
	347	1.9
	480	2.7

Nominal Wattage	Input Voltage	Current Amps
200 watts	120	0.6
	208	1
	240	1.2
	277	1.4
	347	1.7
	480	2.4
240 watts	120	0.5
	208	0.9
	240	1
	277	1.2
	347	1.4
	480	2
290 watts	120	0.4
	208	0.7
	240	0.8
	277	1
	347	1.2
	480	1.7

Nominal Wattage	Input Voltage	Current Amps
325 watts	120	0.4
	208	0.6
	240	0.7
	277	0.9
	347	1.1
	480	1.5
385 watts	120	0.3
	208	0.5
	240	0.6
	277	0.7
	347	0.9
	480	1.2
450 watts	120	0.3
	208	0.5
	240	0.5
	277	0.6
	347	0.8
	480	1.1

SENSOR OPERATIONS

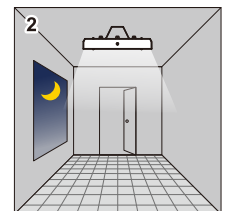
Functions and Options

Two levels of light control: 100% brightness and dimming levels (0%, 25%, 50%, 75%); selectable time delay and adjustable detection area.

1. Plug in and switch on the LED lamp. The lamp will operate at 100% brightness.
2. After the warm-up time, the lamp will illuminate at 0-75% brightness according to your preset dim level (0%, 25%, 50%, 75%).
3. If motion is detected, the lamp will stay on at 100% brightness.
4. After the preset time delay (3 min / 10 min / 30 min / 1 hour):
 - a. If no motion is detected, the lamp will dim down to 0-75% brightness according to your preset level.
 - b. If motion is detected, the lamp will remain on at 100% brightness.



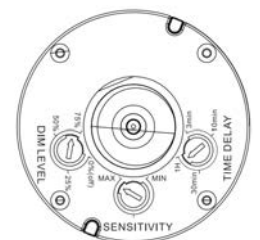
The light switches on at 100% when there is movement detected



The light dims to DIM LEVEL (75%, 50%, 25%, 0%) after the TIME DELAY

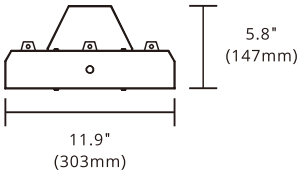
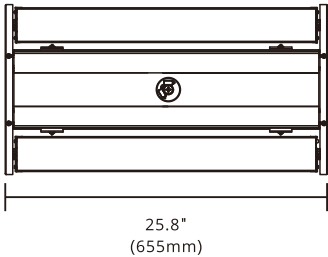
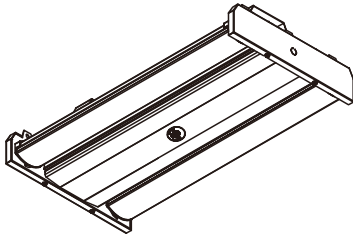
OPERATION

1. **SENSITIVITY:** Adjusts detection range. Turn clockwise to increase, anti-clockwise to decrease. Detection range is 1m at "MIN" and 8m at "MAX".
2. **TIME DELAY:** Sets the hold time (duration the light remains at 100% brightness after last motion detection). Selectable duration: 3 min / 10 min / 30 min / 1 hour.
3. **DIM LEVEL:** Sets the standby dimming level to 0% / 25% / 50% / 75% of full output. Setting "DIM LEVEL" to 0% means the light turns fully off when vacant.

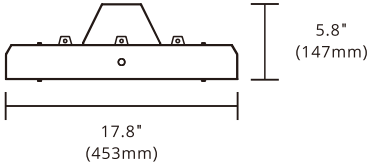
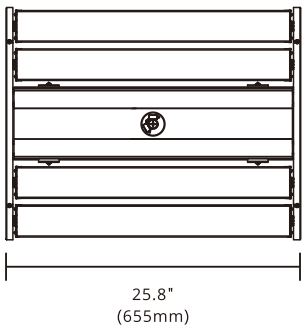
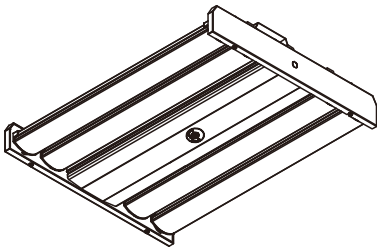


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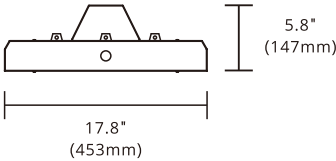
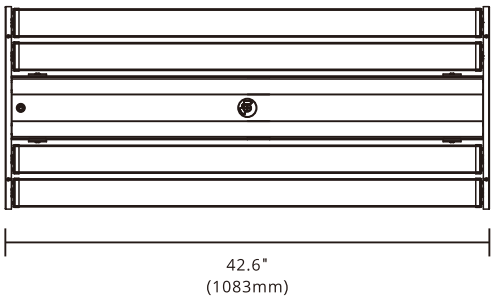
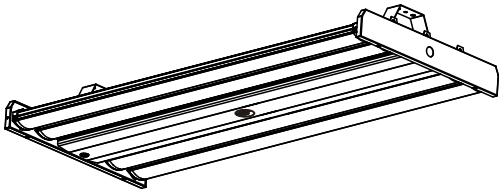
DIMENSIONS



**LumBAYULTRA 1
(LBU1)**



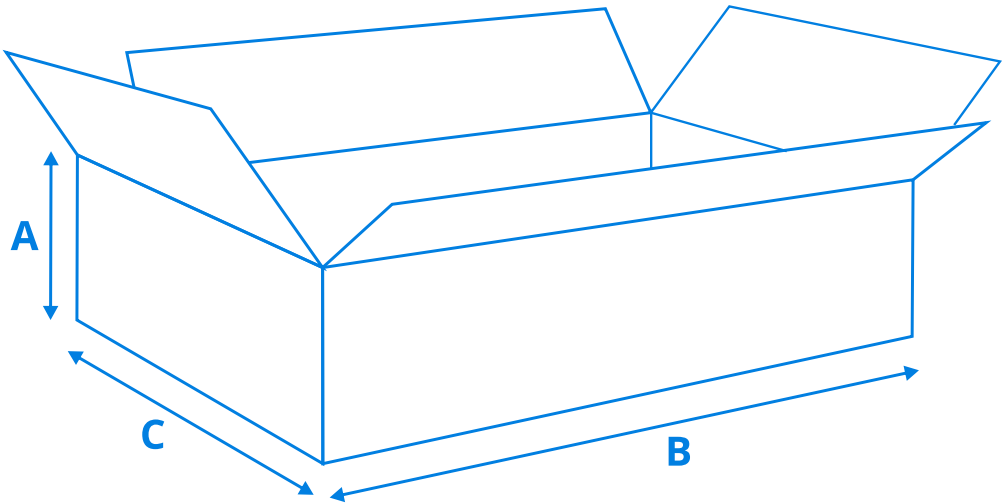
**LumBAYULTRA 2
(LBU2)**



**LumBAYULTRA 3
(LBU3)**

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CARTON DIMENSIONS



Weights	Master Carton				
Fixture Size	Carton Pack	Total Weight LBS	Height A	Width B	Depth C
180W	1pc/ctn	9.95	5 1/2"	28 1/2"	14 1/4"
290W	1pc/ctn	14.2	5 1/2"	28 1/2"	20 1/4"
450W	1pc/ctn	21.5	5 1/2"	45 3/8"	20 1/4"

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