

LED LINEAR HIGHBAY - LEDVLHB SERIES

Introduction

- The LEDVHBL Linear High Bay, is a super compact design using die-cast housing, with the clean and integral structure. Making it saving a lot of shipping cost and easier to install.
- Standard 6,10KV surge protection, making it steady running under the poor power condition.
- It delivers up to **170 lumens per watt** for efficiency and the highest lumen output reaches to 71,920lm.
- The whole family with two different sizes. Motion sensor and remote controller are available. Also emergency battery back up is optional.
- It widely used for warehouse and storage, industrial facilities, sports facilities, gyms and etc.



Features

Construction

- ◆ LEDVHBC linear high bay features a die-cast aluminum housing. Powder coat corrosion resistant finish, with High Transmittance polycarbonate lens.

Electrical:

- ◆ 0-10V dimmable driver, which can dim from 100% down to off.
- ◆ Input voltage 120-277V/277-480V for US market, 120-347V for Canada market, and 50/60Hz.
- ◆ Designed to withstand up to L/N-PE:10kV, L-N:6kV surge(120-277V/277-480V).

CRI:

- ◆ >80 is standard.

Optics :

- ◆ High quality polycarbonate lens protects LEDs. UGR <28 meet DLC premium.



Finish :

- ◆ White color is standard.

Ambient Temperature:

- ◆ -40° F (-40° C) to 122° F (50° C)

Listing :

- ◆ UL listed, meet U.S. and Canada standards. Suitable for dry locations. DesignLights Consortium® (DLC) Premium qualified.

Warranty :

- ◆ 1-year limited warranty.

Ordering Guide

EXAMPLE: LEDVHBL130UNV-CCT-MS

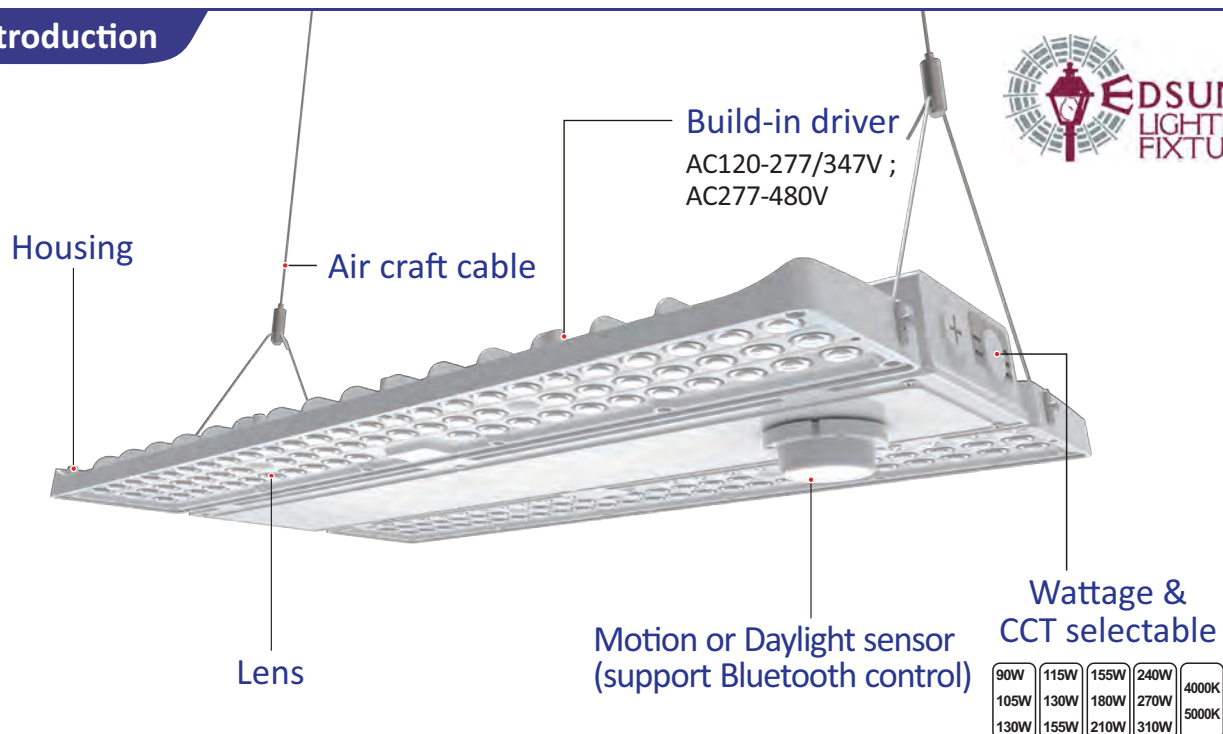
Brand	Product series	Wattage	CCT XXK	Input Voltage	Sensor	Emergency Battery	Product code
	LEDVHBL	(90/105/130)W REPLACES: 90W: MH320W 105W: MH400W 130W: MH525W (240/270/310)W REPLACES: 240W: MH1000W 270W: MH1250W 310W: MH1500W	(40/50)K=4000K/5000K	UNV =120-277V 48 =277-480V	MS =with Motion sensor or Daylight sensor Blank=without Motion sensor or Daylight sensor	Blank=without emergency EM =with emergency	Internal code M - Medium Size Default Lumen L - Large Size Default Lumen H - High Lumen

Specification

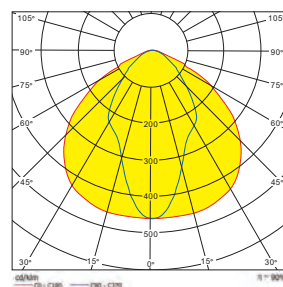
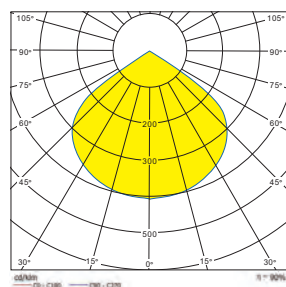
Size	Model	Wattage	Lumen @50K @150lm/W 120-277V/ 120-347V	Lumen @50K @150lm/W 277-480V	CCT
Medium 1.2FT		90W	13500lm	13000lm	40k or 50k
		115W	17250lm	16750lm	
		180W	27000lm	26500lm	
		90W/105W/130W	Max. 20020lm	Max. 19520lm	
		115W/130W/155W	Max. 23250lm	Max. 22750lm	
		155W/180W/210W	Max. 31500lm	Max. 31000lm	40k/50k selectable
	LEDVHBL90/105/130UNV-50K	90W/105W/130W	Max. 20020lm	Max. 19520lm	
		115W/130W/155W	Max. 23250lm	Max. 22750lm	
		155W/180W/210W	Max. 31500lm	Max. 31000lm	
Large 1.7FT		240W	36000lm	35500lm	40k or 50k
		270W	40500lm	40000lm	
		240W/270W/310W	Max. 46500lm	Max. 46000lm	
	LEDVHBL240/270/310UNV-4-5K	240W/270W/310W	Max. 46500lm	Max. 46000lm	40k/50k selectable
Medium (combined) 2.4FT		360W	54000lm	53500lm	40k or 50k
		310W/360W/420W	Max. 63840lm	Max. 62500lm	
	X-LHBC(310/360/420)W-(40/50)KLV/HV-XYM	310W/360W/420W	Max. 63840lm	Max. 62500lm	40k/50k selectable

Size	Model 480V	Wattage	Lumen @50K @170lm/W 120-277V/ 120-347V	CCT
Medium 1.2FT		115W/130W/155W	Max. 26800lm	40k or 50k
		155W/180W/210W	Max. 36200 lm	
		115W/130W/155W	Max. 26800 lm	40k/50k selectable
		155W/180W/210W	Max. 36270 lm	
Large 1.7FT		240W/270W/310W	Max. 52910 lm	40k or 50k
	LEDVHBL240/270/31048UNV-4-5K	240W/270W/310W	Max. 53500 lm	40k/50k selectable
Medium (combined) 2.4FT		310W/360W/420W	Max. 71920 lm	40k or 50k
		310W/360W/420W	Max. 71200 lm	40k/50k selectable

Brief introduction



Photometric Diagrams



Accessories

LEDVHBLWG



Wire guard

LED1HBLMS



Motion sensor

LED1HBLSRC



Remote controller



Splice bracket



LEDVEM25W

25W Emergency Driver
(apply to 90-210w LHBC linear high bay light
available only at 120-277/347v)



LEDVEM40W

40W Emergency Driver
(apply to 240-310w LHBC linear high bay light
available only at 120-277/347v)

Installation Types



Chain suspending
mount kit



Surface mount kit



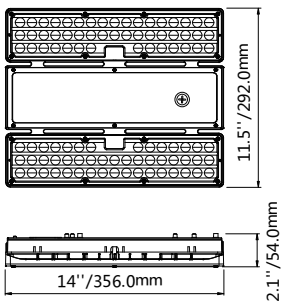
Pendant & surface
installation box



Dimensions & Weight

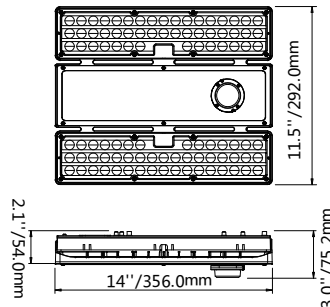
Normal

90-130W(1.2ft)



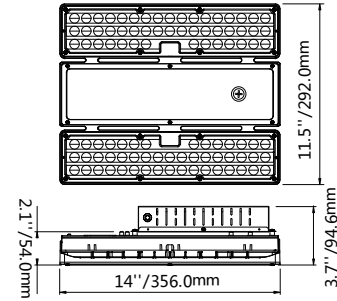
Net Weight: 5.5Lbs/2.5kgs

With Sensor



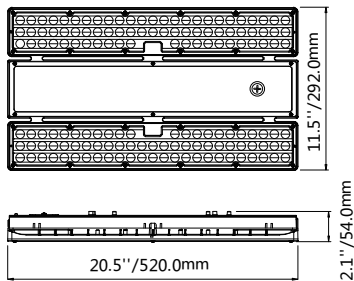
Net Weight: 5.5Lbs/ 2.5kgs

With Emergency Driver

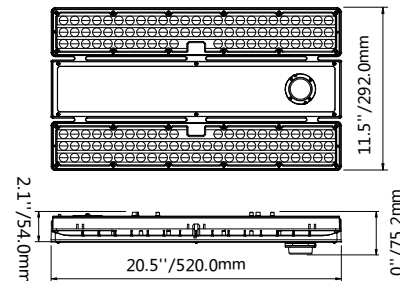


Net Weight: 7.9Lbs/3.6kgs

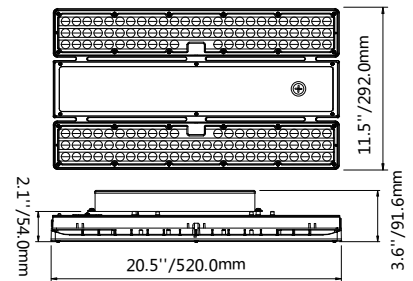
240-310W(1.7ft)



Net Weight: 7.3Lbs/3.3kgs

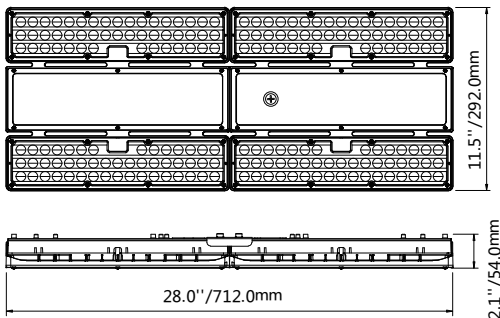


Net Weight: 7.3Lbs/ 3.3kgs

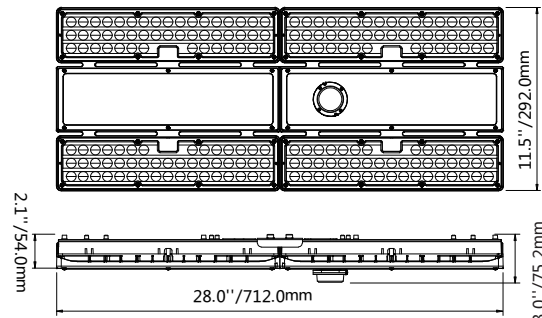


Net Weight: 10.1Lbs/4.6kgs

310-420W(2.4ft)



Net Weight: 11.5Lbs/ 5.2kgs



Net Weight: 11.5Lbs/ 5.2kgs

Electrical data

Wattage/Current (A)	Voltage (V)					
	120V	208V	240V	277V	347V	480V
90W	0.75	0.43	0.38	0.32	0.26	0.19
115W	0.96	0.55	0.48	0.42	0.33	0.24
130W	1.08	0.63	0.54	0.47	0.37	0.27
155W	1.29	0.75	0.65	0.56	0.45	0.32
180W	1.50	0.87	0.75	0.65	0.52	0.38
210W	1.75	1.01	0.88	0.76	0.61	0.44
240W	2.00	1.15	1.00	0.87	0.69	0.50
270W	2.25	1.30	1.13	0.97	0.78	0.56
310W	2.58	1.49	1.29	1.12	0.89	0.65
360W	3.00	1.73	1.50	1.30	1.04	0.75
420W	3.50	2.02	1.75	1.52	1.21	0.88

