

LED LINEAR HIGHBAY – LHBC SERIES

Features

Construction

- ◆ LHBC 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/120-347V/277-480V).

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 :

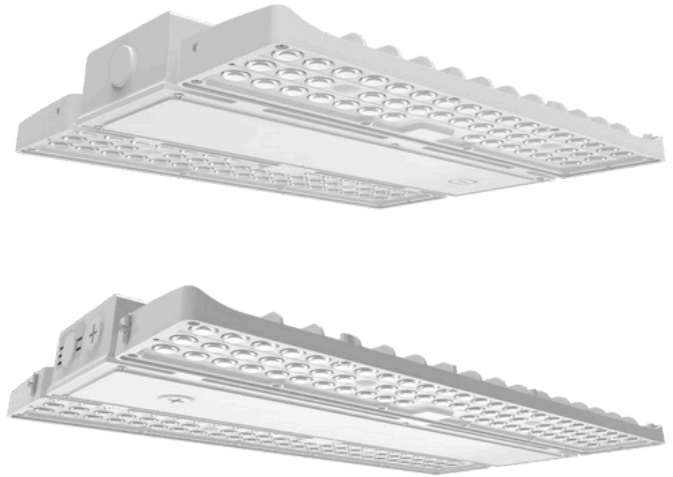
- ◆ UL listed, meet U.S. and Canada standards.
Suitable for dry locations. DesignLights Consortium ®(DLC)Premium qualified.

CRI:

- ◆ >80 is standard.

Warranty :

- ◆ 10 Year limited Warranty *



Information

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

Ordering Guide

EXAMPLE: EGT-LHBC(115/130/155)W-(40/50)KLV-SEM

Brand X	Product series LHBC	Wattage XXXW	CCT XXX	Input Voltage Y	Sensor X	Emergency Battery Y	Product code X	DLC Code
EGT	LHBC	(115/130/155)W (240/270/310)W	40/50)K=4000K/5000K 40/50)K=4000K/5000K	LV=120-277V/347V	S=with Motion sensor or Daylight sensor Blank=without Motion sensor or Daylight sensor	Blank=without emergency E=with emergency	Internal code M - Medium Size Default Lumen L - Large Size Default Lumen H - High Lumen	S-5D7QP2 S-J846ML

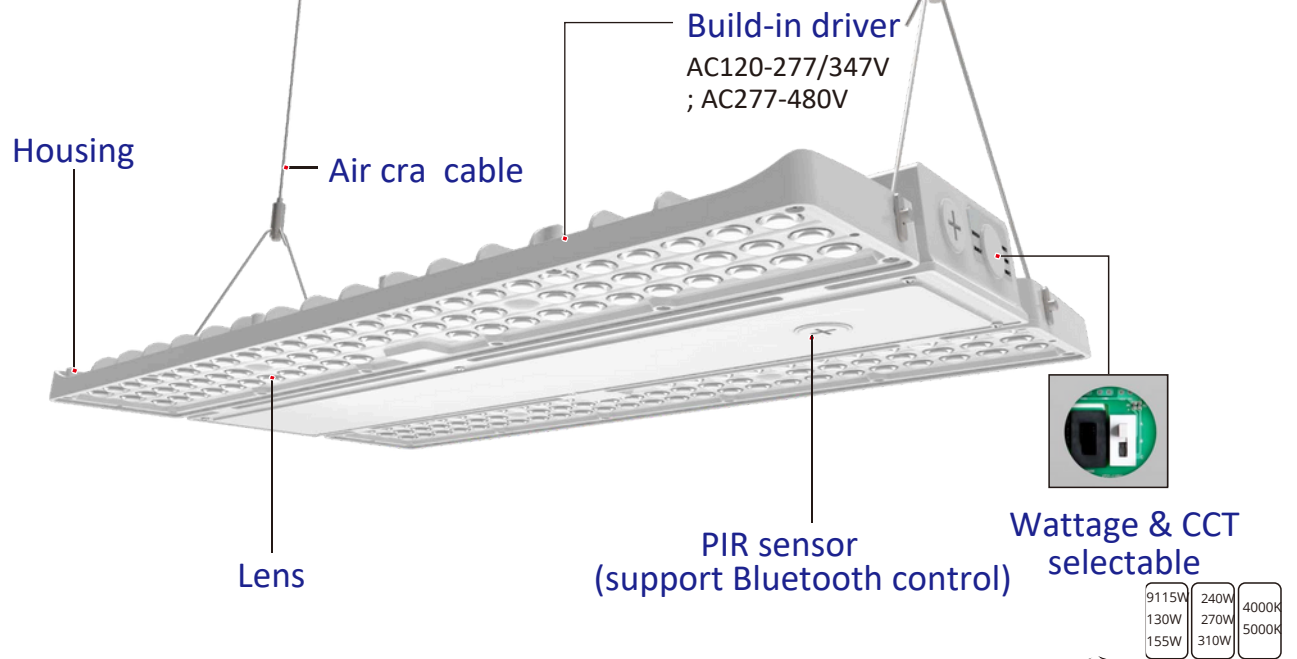
Specification

Note: The models marked with * are the main selling and stocking models.

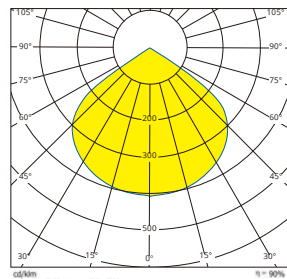
Size	Model	Wattage	Lumen @50K @150lm/W 120- 277V/ 120-347V	Lumen @50K @150lm/W 277-480V	CCT
Medium 1.2FT	*X-LHBC(90/105/130)W-XXKLV/HV-XY	90W/105W/130W	Max. 20020lm	Max. 19520lm	40k or 50k
	*X-LHBC(115/130/155)W-XXKLV/HV-XYM	115W/130W/155W	Max. 23250lm	Max. 22750lm	
	*X-LHBC(155/180/210)W-XXKLV/HV-XYM	155W/180W/210W	Max. 31500lm	Max. 31000lm	
	X-LHBC(90/105/130)W-(40/50)KLV/HV-XY	90W/105W/130W	Max. 20020lm	Max. 19520lm	40k/50k selectable
	EGT LHBC(115/130/155)W-(40/50)KLV/HV-XYM 115W/130W/155W. Max. 23250lm			Max. 22750lm	
	X-LHBC(155/180/210)W-(40/50)KLV/HV-XYM	155W/180W/210W	Max. 31500lm	Max. 31000lm	
Large 1.7FT	*X-LHBC(240/270/310)W-XXKLV/HV-XYL	240W/270W/310W	Max. 46500lm	Max. 46000lm	40k or 50k
	EGT LHBC(240/270/310)W-(40/50)KLV/HV-XYL 240W/270W/310W Max. 46500lm			Max. 46000lm	40k/50k selectable
Medium (combined) 2.4FT	*X-LHBC(310/360/420)W-XXKLV/HV-XYM	310W/360W/420W	Max. 63840lm	Max. 62500lm	40k or 50k
	X-LHBC(310/360/420)W-(40/50)KLV/HV-XYM	310W/360W/420W	Max. 63840lm	Max. 62500lm	40k/50k selectable

Size	Model	Wa age	Lumen @50K @170lm/W 120- 277V/ 120-347V	CCT
Medium 1.2FT	*X-LHBC(115/130/155)W-XXKLV-XYH	115W/130W/155W	Max. 26800lm	40k or 50k
	*X-LHBC(155/180/210)W-XXKLV-XYH	155W/180W/210W	Max. 36200 lm	
	LHBC(115/130/155)W-(40/50)KLV-XYH	115W/130W/155W	Max. 26800 lm	40k/50k selectable
	X-LHBC(155/180/210)W-(40/50)KLV-XYH	155W/180W/210W	Max. 36270 lm	
Large 1.7FT	*X-LHBC(240/270/310)W-XXKLV-XYH	240W/270W/310W	Max. 52910 lm	40k or 50k
	X-LHBC(240/270/310)W-(40/50)KLV-XYH	240W/270W/310W	Max. 53500 lm	40k/50k selectable
Medium (combined) 2.4FT	*X-LHBC(310/360/420)W-XXKLV-XYH	310W/360W/420W	Max. 71920 lm	40k or 50k
	X-LHBC(310/360/420)W-(40/50)KLV-XYH	310W/360W/420W	Max. 71200 lm	40k/50k selectable

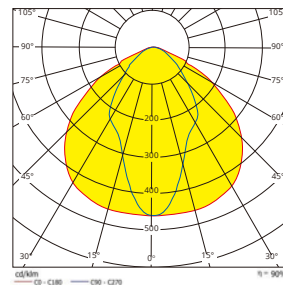
Brief introduction



Photometric Diagrams



Beam angle: 105°



Aisle: 60x110°

Accessories



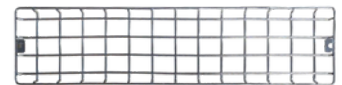
PIR sensor



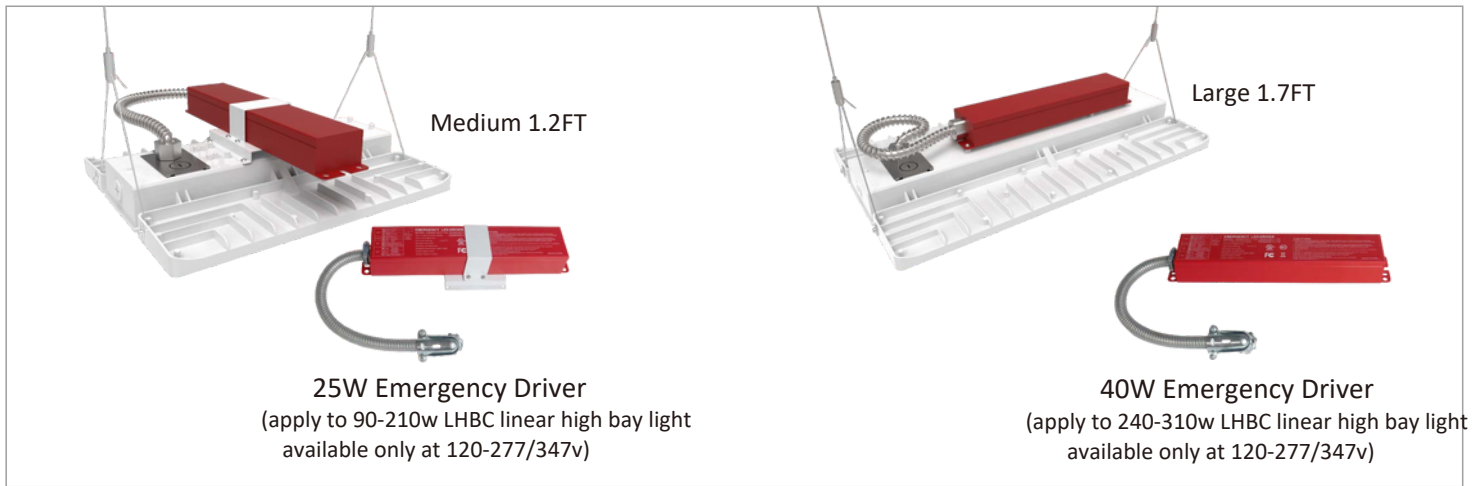
PIR sensor Remote controller
(*Recommend)



Splice bracket



Wire guard



Note: The combined medium luminaire does not support the emergency func on.

Installation Types



Chain suspending
mount kit
(Standard)



Surface mount kit
(Order separately)



Pendant & surface
installation box
(Order separately)

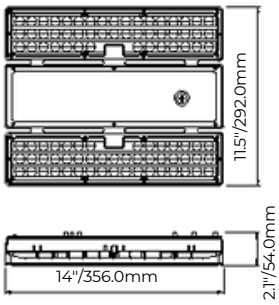
Electrical data

Wattage/Current (A)	Voltage (V)					
	12V	20V	24V	27V	34V	48V
90W	0.75	0.43	0.38	0.32	0.26	0.19
11W	0.96	0.55	0.48	0.42	0.33	0.24
13W	1.08	0.63	0.54	0.47	0.37	0.27
15W	1.29	0.75	0.65	0.56	0.45	0.32
18W	1.50	0.87	0.75	0.65	0.52	0.38
21W	1.75	1.01	0.88	0.76	0.61	0.44
24W	2.00	1.15	1.00	0.87	0.69	0.50
27W	2.25	1.30	1.13	0.97	0.78	0.56
31W	2.58	1.49	1.29	1.12	0.89	0.65
36W	3.00	1.73	1.50	1.30	1.04	0.75
42W	3.50	2.02	1.75	1.52	1.21	0.88

Dimension & Weight

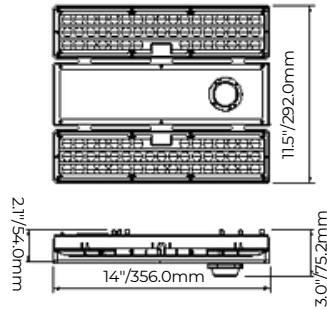
Normal

90-210W(1.2)



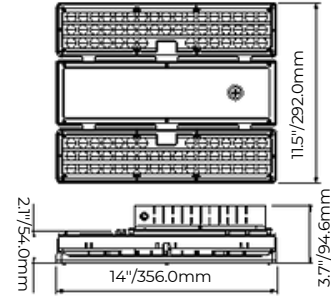
Net Weight: 5.5Lbs/2.5kgs

With Sensor



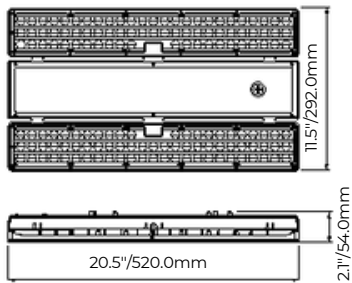
Net Weight: 5.5Lbs/ 2.5kgs

With Emergency Driver

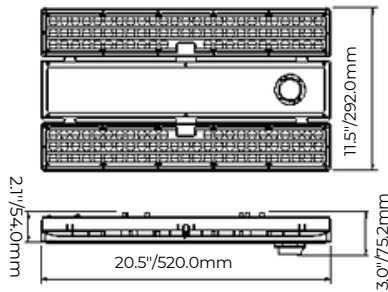


Net Weight: 7.9Lbs/3.6kgs

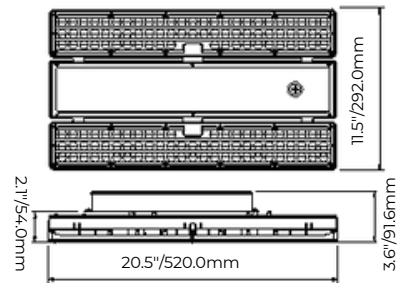
240-310W(1.7)



Net Weight: 7.3Lbs/3.3kgs

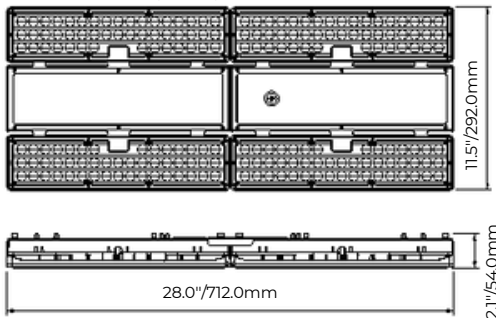


Net Weight: 7.3Lbs/ 3.3kgs

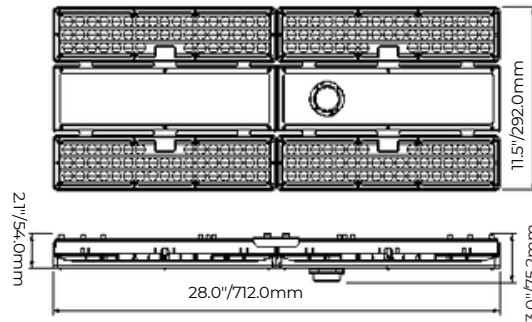


Net Weight: 10.1Lbs/4.6kgs

310-420W(2.4)



Net Weight: 11.5Lbs/ 5.2kgs



Net Weight: 11.5Lbs/ 5.2kgs