



Project Name:
Part Number:
Fixture Type:

LHBR2 Series Selectable Linear High Bay Light



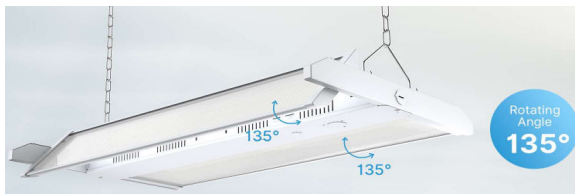
1.5FT



2FT

KEY FEATURES

- 3CCT(3000K/4000K/5000K) and 5 Wattages Selectable offer SKU reduction.
- Dual lens rotates 135 degrees upward.
- Microwave / PIR motion sensor and Emergency battery backup available.
- Standard V-hooks accessory for chain pendant and suspended mounting, additional surface mounting is available.
- AC120-277V high efficacy up to 150LM/W.



ORDERING INFORMATION

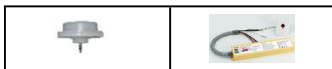
EXAMPLE: LHBR2 110W LCS UNV

Series	Wattage Selectable	CCT Selectable	Finish	Voltage	Options
LHBR2 Linear High Bay Light	50W - 7500 lm	LCS 3000K 4000K 5000K	BLANK White	UNV 120-277V	Blank No Accessories MMS Microwave motion sensor MPS PIR motion sensor EB 30W / 40W Emergency backup battery for 120-277V
	60W - 39000 lm				
	70W - 10500 lm				
	90W - 13500 lm				
	110W - 16500 lm				
	90W - 13500 lm				
	110W - 16500 lm				
	130W - 19500 lm				
	150W - 22500 lm				
	165W - 24750 lm				
150W - 22500 lm					
165W - 24750 lm					
180W - 27000 lm					
200W - 30000 lm					
220W - 33000 lm					
165W - 24750 lm					
220W - 33000 lm					
255W - 38250 lm					
275W - 41250 lm					
300W - 45000 lm					

****Accessories & Options must order separately.**

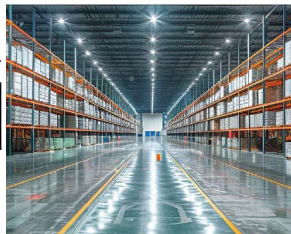
For stocking opportunities, please contact your local ORE Lighting rep or sales@orelighting.com. Lead times may vary based on current inventory levels - always consult your local ORE Lighting rep for lead times and project needs.

ACCESSORIES



MMS/MPS
ANT microwave/PIR
(Sold separately)

EB
30W / 40W Emergency
backup battery
(Sold separately)



Accessories shown are generally stocked items; for additional accessory questions and options, please contact your local ORE Lighting rep or email sales@orelighting.com. Options for spec needs are available through a special request - please contact sales@orelighting.com with spec needs and project size.

SPECIFICATIONS

CONSTRUCTION

The rugged, one-piece die-cast aluminum housing features a rock-solid quality and performance.

ELECTRICAL

Standard 50/60Hz operation with 120/277V input
0-10V dimming standard for a dimming range of 100% to 10%. 277-480V available

OPTICS

Prismatic translucent lens is designed to shape the light uniformity and controls the glare light
Dual lens rotates 135 degrees upward.

CCT SELECTABLE

Switch selectable
3000K / 4000K / 5000K

LUMENS SELECTABLE

Selectable lumen packages ranging from 7,500 to 45,000 lm

EFFICACY

Up to 150 lumens per watt.

MOUNTING

Steel wire rope mount (default)
Surface mount
Conduit pendant mount

LIFESPAN

Estimated 50,000-hour LED lifespan based on IES LM-80 results and TM-21 calculations

AMBIENT TEMPERATURE

Suitable for use in -40°F to 122°F (-40°C to 50°C)

FINISH

White Polyester Powder coat with 88% reflectivity, painted after fabrication.

CERTIFICATIONS

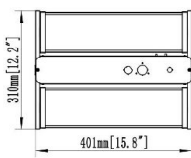
UL damp location listed
Design Lights Consortium - DLC 6.0 Premium qualified Product

WARRANTY

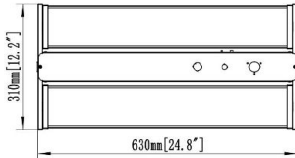
5 year limited warranty. Comprehensive warranty terms can be located on www.orelighting.com

DIMENSIONS

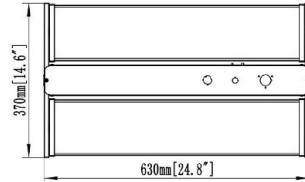
unit: mm / inch



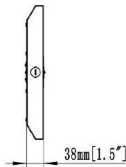
1.5FT 110W



2FT 165W



2FT 220W & 300W

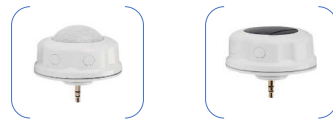


Product

Product	L	W	H	Weight
LHBR2 110W	15.8	12.2	1.5	4.2 lbs
LHBR2 165W	24.8	12.2	1.5	6.4 lbs
LHBR2 220W	24.8	14.6	1.5	7.9 lbs
LHBR2 300W	24.8	14.6	1.5	7.9 lbs



The LHBR2 includes a sensor port that makes it easy to screw on standard PIR and microwave sensors, which can be configured to adjust brightness and hold time, saving additional energy costs.



Plug-and-play PIR / Microwave sensor 12 - 24VDC



Chain Mount



Surface Mount



Pendant Mount

Houston, Texas

Sales@orelighting.com

346-874-7955

www.orelighting.com

Note: Information contained herein is subject to change without notice.
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3203 S Sam Houston Pkwy E, # 100, Houston, TX 77047
Updated date: 06/01/2026

PERFORMANCE DATA

PART NUMBER	WATTAGE	EFFICACY	3000K		4000K		5000K	
			LUMENS		LUMENS		LUMENS	
LHBR2 110W	50W / 60W / 70W / 90W / 110W	155 lm/W	7500 lm / 9000 lm / 10500 lm / 13500 lm / 16500 lm					
LHBR2 165W	90W / 110W / 130W / 150W / 165W	163 lm/W	13500 lm / 16500 lm / 19500 lm / 22500 lm / 24750 lm					
LHBR2 220W	150W / 165W / 180W / 200W / 220W	167 lm/W	22500 lm / 24750 lm / 27000 lm / 30000 lm / 33000 lm					
LHBR2 300W	165W / 220W 255W / 275W / 300W	171 lm/W	24750 lm / 33000 lm / 38250 lm / 41250 lm / 45000 lm					

ELECTRICAL LOAD

PART NUMBER	WATTAGE	Current (A)					
		120V	208V	240V	277V	347V	480V
LHBR2 110W	50W	0.42	0.24	0.2	0.18	0.14	0.1
	60W	0.5	0.28	0.25	0.21	0.17	0.12
	70W	0.58	0.33	0.29	0.25	0.2	0.14
	90W	0.75	0.43	0.37	0.32	0.25	0.18
	110W	0.92	0.52	0.45	0.39	0.31	0.22
LHBR2 165W	90W	0.75	0.43	0.37	0.32	0.25	0.18
	110W	0.92	0.52	0.45	0.39	0.31	0.22
	130W	1.08	0.62	0.54	0.46	0.37	0.27
	150W	1.25	0.72	0.62	0.54	0.43	0.31
	165W	1.37	0.79	0.68	0.59	0.47	0.34
LHBR2 220W	150W	1.25	0.72	0.62	0.54	0.43	0.31
	165W	1.37	0.79	0.68	0.59	0.47	0.34
	180W	1.5	0.86	0.75	0.64	0.51	0.37
	200W	1.67	0.96	0.83	0.72	0.57	0.41
	220W	1.83	1.09	0.91	0.79	0.63	0.45
LHBR2 300W	165W	1.37	0.79	0.68	0.59	0.47	0.34
	220W	1.83	1.05	0.91	0.79	0.63	0.45
	255W	2.12	1.22	1.06	0.92	0.73	0.53
	275W	2.29	1.32	1.14	0.99	0.79	0.57
	300W	2.5	1.44	1.25	1.08	0.86	0.62

