

LHB-S™ **Linear High Bay**



DESCRIPTION

The LHB-S™ LED Linear high bay is a durable, heavy-duty construction. High performance, high-efficacy provides a robust solution for high ceiling applications, especially warehouse spaces. Utilizing Samsung LED chips, LHB-S™ LED delivers high output performance and quality illumination.

APPLICATIONS

Warehouses, Manufacturing facilities, Gymnasiums, Commercial Facilities, Convention Centers

FEATURES



LHB-S™

140W (19,000 lm)
160W (21,000 lm)
200W (26,000 lm)
280W (39,000 lm)
320W (42,000 lm)

Projected L70: 75,000+ hours
 Warranty: 5 Years
 Efficacy: Up to 140 LpW
 1-10V Dimming

Construction

Fixture body and endcaps are fabricated from aluminum for maximum rigidity. Lightweight aluminum body designed to perform naturally convective cooling.

Electrical

L70>75,000 hours. Utilizes a 90°C case temperature driver for maximum life at high temperatures. 0.90 power factor. Available as 120-277V or 347-480V input.

Optical System

Clear or diffused lens reduces glare and improves working conditions while maintaining high efficiency emission.

Installation/ Mounting

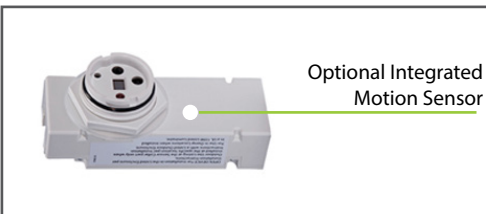
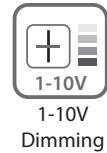
Suitable for hanging mount

Warranty

5 Year Warranty. See warranty documentation for more information.

Controls/Dimming

1-10V Dimming comes standard. Suitable for use with LED dimmers. Occupancy sensor option available.



Ordering Information

EXAMPLE: LHB-S22-140W-50K-S-U-D

LED Linear High Bay	Wattage	CCT	Distribution	Input Voltage	Dimming	Options
LHB-S22	140W 160W 200W	50K - 5000K 40K - 4000K	S - Frosted (Standard) C - Clear	U - 120-277VAC H - 347-480VAC	D - 1-10V Dimming	M-PIR (Occupancy Sensor) EM - Emergency Battery Backup (Check for details)
LHB-S24	280W 320W					

Optional accessories are purchased separately.

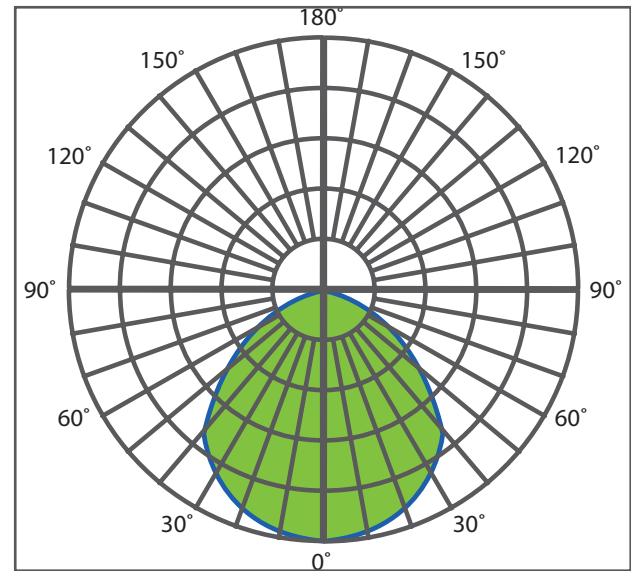
Specifications and Dimensions subject to change without notice.

Performance Information

Input Voltage	120-277VAC, 347-480VAC
Input Frequency	50/60Hz
Wattage	See Performance Table
Delivered Lumens	See Performance Table
Efficacy	See Performance Table
CRI	>80
Available CCT	4000K, 5000K
Projected L70	75,000+ hours
Power Factor	>0.9
THD	<20%
Dimming	1-10V
Operating Temp.	-22°~131°F

Photometric Data

*IES Available Upon Request

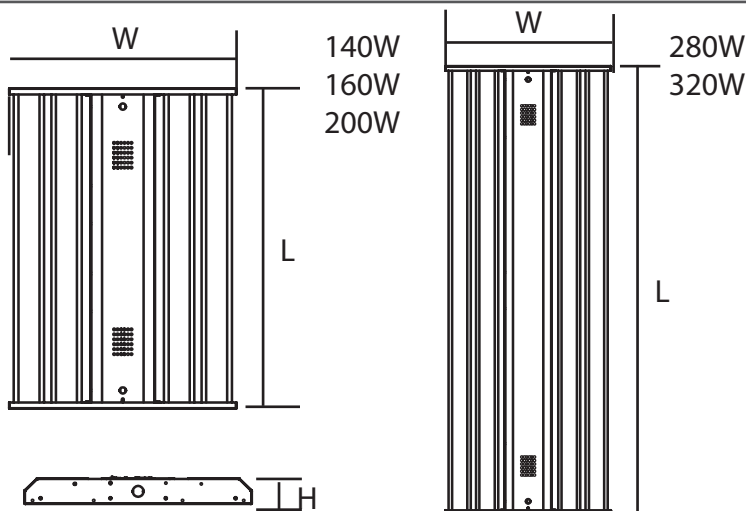


Application: Open floor at low to medium heights.

Performance Table

SKU	Wattage (W)	5000K	
		Delivered Lumens (lm)	Efficacy (lm/W)
LHB-S22-140W-50K-S-U-D	140	19161	130
LHB-S22-160W-50K-S-U-D	160	21670	130
LHB-S22-200W-50K-S-U-D	200	26310	130
LHB-S24-280W-50K-S-U-D	280	39000	136
LHB-S24-320W-50K-S-U-D	320	42306	130

Product Dimensions



SKU	L	W	H
LHB-S22-140W-50K-S-U-D	25.49"	18.11"	2"
LHB-S22-160W-50K-S-U-D	25.49"	18.11"	2"
LHB-S22-200W-50K-S-U-D	25.49"	18.11"	2"
LHB-S24-280W-50K-S-U-D	48.84"	18.11"	2"
LHB-S24-320W-50K-S-U-D	48.84"	18.11"	2"

Control Pre-Commissioning

Sensitivity Detection Range	Time Delay	Daylight Harvesting	Stand-by Light Level Setting	Stand-by Time Setting
20% - 8' height (48' dia.)	10S	Light sensor disabled	0%	∞
50% - 20' height (40' dia.)	10min	10lux	10%	1min
75% - 40' height (60' dia.)	30min	30lux	30%	30min
100% - 40' height (100' dia.)	60min	50lux	50%	60min

Sensitivity Detection Range: Detection range is the used to describe the radii of the more or less circular detection zone produced on the ground after the mounting the sensor light.

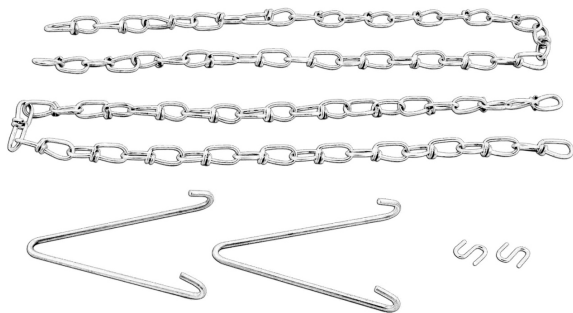
Time Delay: The light can be set to stay ON for any period of time between approx. 10sec and the maximum of 60 min. Any movement detected before this time elapses will re-start the timer.

Daylight Harvester: The chosen light response threshold can be infinitely from approx. 10-50lux.

Standy-by Light Level: How much light is dimmed when no motion is detected.

Stand-by Time: How much time after dimming will the light will shut off. Infinitely on or up to 60 minutes after the light has dimmed the light will shut off.

Accessories



Hanging Mount Kit
(Included)



Occupancy
Motion Sensor



Emergency Battery Backup Driver