



Industrial Linear High Bay (IHB)



OVERVIEW	
Lumen Output Range	2ft - 9,000 - 15,000 4ft - 9,000 - 30,000
Wattage	2ft - 74 - 99 4ft - 61 -198
Efficacy Range (LPW)	2ft - 130 - 154 4ft - 146 - 155
Fixture Weight lbs (kg)	2ft - 10 lbs (4.5) 4ft - 18 lbs (8.1)

QUICK LINKS

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FEATURES & SPECIFICATIONS

Construction

- Rigid housing is die-formed thick gauge steel and aluminum
- All metal parts are painted after fabrication following treatment with phosphate rust inhibitor. Finish coating of housing reflecting surfaces is with high-reflectance white (minimum 92%) polyester powder.
- Lightweight heatsinks are designed to perform in ambient temperatures up to 55C
- Quick wire access panel allows for easy power connections
- 7 1/4" width meets ESFR fire suppression system requirements

Optical System

- Available without lens for maximum lumen output or with high impact, scratch resistant lens (91% efficiency)
- Minimum CRI of 82

Electrical

- Standard Universal Voltage (120-277 VAC) Input 50/60Hz or optional High Voltage (347-480 VAC)

- L70 Calculated Life: 200,000+ hours

- Driver is constant current, Class 2, 120-277 Vac, 50/60Hz

- High Efficiency Driver: minimum 85%

- 0-10V dimming (1% - 100%) standard

- Optional 120v-277v integral emergency battery pack is available to meet critical life safety lighting requirements. The 90-minute batteries provide constant power to the LED system, ensuring code compliance. A test switch/indicator button is installed on the housing for ease of maintenance.

- Emergency Backup Drive has 5W input, 10W output

Controls

- Optional external passive infrared sensor available
- Optional external passive infrared sensor with bluetooth app available

Installation

- Suitable for suspension by chain, cable, or single (pendant) monopoint with minimum 6" from ceiling

Warranty

- LSI luminaires carry a 5-year limited warranty. Refer to <https://www.lsicorp.com/resources/terms-conditions-warranty/> for more information.

Listings

- Listed to UL 1598 and UL 8750.
- Meets Buy American Act requirements.
- Title 24 Compliant; see local ordinance for qualification information.
- Suitable for damp locations
- DLC qualified product. Not all versions of this product may be DLC qualified. Please check the DLC Qualified Products List at www.designlights.org/QPL to confirm which versions are qualified.
- IK08 rated luminaire per IEC 66262 mechanical impact code





Industrial Linear High Bay

ORDERING GUIDE

[Back to Quick Links](#)TYPICAL ORDER EXAMPLE: **IHB2 LED 9L LL UNV DIM 40 OMS1 EM EXT**

Family	Light Source	Lumen Package	Lens	Voltage	Voltage
IHB2 - 2' Industrial High Bay	LED	9L - 9,000 Lumens 12L - 12,000 Lumens 15L - 15,000 Lumens	LL - Less Lens DA - Diffused	UNV - 120-277V HV - 347-480V ⁴	DIM - Dim to 10% (0 to 10V)
IHB4 - 4' Industrial High Bay		9L - 9,000 Lumens 12L - 12,000 Lumens 15L - 15,000 Lumens 18L - 18,000 Lumens ² 24L - 24,000 Lumens ² 30L - 30,000 Lumens ² Custom Lumen ¹			
Color Temperature	Controls	EM Options	Options		
40 - 4000K 50 - 5000K	OMS1 - External PIR motion sensor up to 20ft mounting height OMS2 - External PIR motion sensor up to 40ft mounting height OMSBT1W - External Bluetooth PIR motion and photo sensor up to 8ft ³ OMSBT2W - External Bluetooth PIR motion and photo sensor up to 20ft ³ OMSBT3W - External Bluetooth PIR motion and photo sensor up to 40ft ³	EM - Emergency Backup 10W ⁴	EXT - Extended Leads CLDS - Center Leads C6CN - 6ft cord 16/3 non-dimming; no plug installed on TOP CENTER C6CD - 6ft cord 16/5 dimming; no plug installed on TOP CENTER C10CN - 10ft cord 16/3 non-dimming; no plug installed on TOP CENTER C10CD - 10ft cord 16/5 dimming; no plug installed on TOP CENTER 515P - 5-15 plug only (120V) L515P - 5-15P Twistlock Plug (125V) L615P - 6-15P Twistlock Plug (250V) L715P - 7-15P Twistlock Plug (277V) L820P - 8-20P Twistlock Plug (480V) L2420P - 24-20P Twistlock Plug only 347V		

Accessory Ordering Information

Description	Order Number
Pendant Mount J-Box Kit	572484
Single Hub/Chain Mount	572488
10' Hook Cable Hanger (Pair)	460149
10' Toggle Cable Hanger (Pair)	431373

FOOTNOTES:

- 1 - Custom lumen and wattage packages available, consult factory. Values are within industry standard tolerances but not DLC listed.
- 2 - Only available in 4' unit (IHB4)
- 3 - OMSBTxW is field configurable via app that can be downloaded from your smartphone's native app store.
- 4 - EM option not available with HV.

PENDANT MOUNT J-BOX KIT



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PERFORMANCE

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DELIVERED LUMENS*								
Size	Lumen Package	Distribution	CRI	4000K CCT		5000K CCT		Wattage
				Delivered Lumens	Efficacy	Delivered Lumens	Efficacy	
2ft	9L	Lens	80	9,631	130	9,635	130	74
		Less Lens		10,300	139	10,300	139	
	12L	Lens		11,580	140	11,580	140	83
		Less Lens		12,421	151	12,503	152	
	15L	Lens		14,353	144	14,353	144	99
		Less Lens		15,277	154	15,277	154	
4ft	9L	Lens	80	8,907	146	8,907	146	61
		Less Lens		9,452	155	9,452	155	
	12L	Lens		10,870	145	10,870	145	75
		Less Lens		11,530	154	11,560	154	
	15L	Lens		14,120	134	14,120	134	106
		Less Lens		14,980	142	14,980	142	
	18L	Lens		19,990	127	19,990	127	157
		Less Lens		21,410	136	21,410	136	
	24L	Lens		23,520	142	23,520	142	166
		Less Lens		25,036	151	25,036	151	
	30L	Lens		28,519	144	28,519	144	198
		Less Lens		30,352	153	30,352	153	

*LEDs are frequently updated therefore values are nominal

ELECTRICAL DATA* (A)							
Size	Lumen Package	120V	208V	240V	277V	347	480V
2ft	9L	0.62	0.36	0.31	0.27	0.21	0.15
	12L	0.69	0.40	0.34	0.30	0.24	0.17
	15L	0.83	0.48	0.41	0.36	0.29	0.21
4ft	9L	0.51	0.29	0.25	0.22	0.18	0.13
	12L	0.63	0.36	0.31	0.27	0.22	0.16
	15L	0.88	0.51	0.44	0.38	0.30	0.22
	18L	1.31	0.76	0.66	0.57	0.45	0.33
	24L	1.38	0.80	0.69	0.60	0.48	0.35
	30L	1.65	0.95	0.83	0.72	0.57	0.41

*Electrical data at 25C (77F). Actual wattage may differ by +/-10%.

AMBIENT RATING			
Length	Lumens	Min	Max
2ft	9L	-35	60
	12L		
	15L		
4ft	9L		50
	12L		
	15L		
	18L		
	24L		
30L			





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PHOTOMETRICS

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Luminaire photometry has been conducted by a NVLAP accredited testing laboratory in accordance with IESNA LM-79-08. As specified by IESNA LM-79-08 the entire luminaire is tested as the source resulting in a luminaire efficiency of 100%.

See <https://www.lsicorp.com/product/industrial-high-bay/> for detailed photometric data.

IHB2-LED-15L-LL-UNV-DIM-40

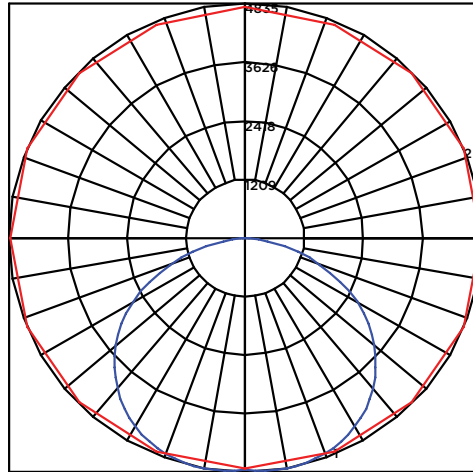
LUMINAIRE DATA

Distribution	
Description	2ft 4000 Kelvin, 80 CRI
Delivered Lumens	15,277
Watts	99
Efficacy	154

Zonal Lumen Summary

Zone	Lumens	%Luminaire
Low (0-30)°	3922	26%
Medium (30-60)°	8274	54%
High (60-80)°	2899	19%
Very High (80-90)°	181	1%
Uplight (90-180)°	0	0%
Total Flux	15277	100%

POLAR CURVE



IHB4-LED-30L-LL-UNV-DIM-40

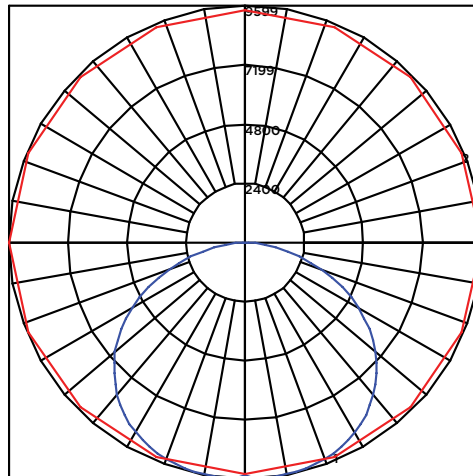
LUMINAIRE DATA

Distribution	
Description	4ft 4000 Kelvin, 80 CRI
Delivered Lumens	30,352
Watts	198
Efficacy	153

Zonal Lumen Summary

Zone	Lumens	%Luminaire
Low (0-30)°	7748	26%
Medium (30-60)°	16382	54%
High (60-80)°	5833	19%
Very High (80-90)°	388	1%
Uplight (90-180)°	0	0%
Total Flux	30352	100%

POLAR CURVE



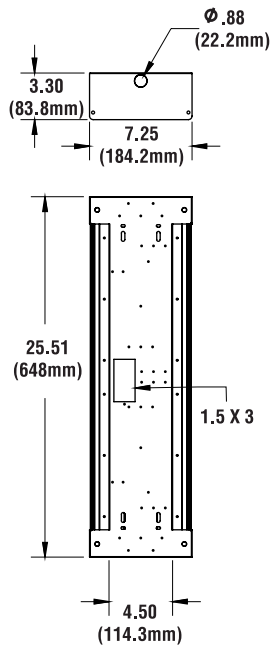


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PRODUCT DIMENSIONS

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2ft Unit



4ft Unit

