

Project:							
Location:							
Model#: LHB-15L-WS-3CS-35K	Туре:						
Client:	Qty:						
Prepared by:	Date:						

SERIES SPECIFICATIONS



The LHB series linear high bay is designed with contractor requirements with many installation situations considered. It features a built in Z10 socket, allowing for 4-pin twist-lock sensors to be used with the fixture along with color and wattage selections. Available in multiple wattage and lumen packages the LHB is ideal for manufacturing, warehousing, commercial, and industrial applications and boasts a quick-change lenses design, allowing you to swap lenses in the field without the need for tools. It also has optional Emergency operation and surface mount kits available.













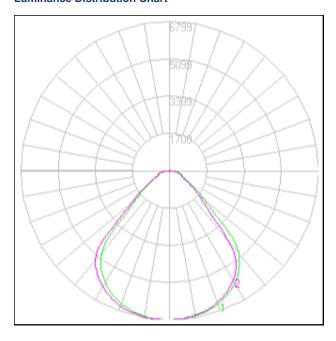




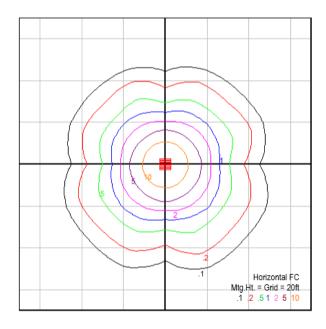


PERFORMANCE SPECIFICATIONS

Luminance Distribution Chart



Isolux Diagram





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Zonal Lumen Summary

Zone	Lumens	Zone	Lumens	Zone	Lumens	Zone	Lumens	Zone	Lumens	Zone	Lumens
0-10	645.35	30-40	3394.6	60-70	1016.1	90-100	1.71	120-130	5.18	150-160	6.94
10-20	1871.3	40-50	2598	70-80	515.31	100-110	2.34	130-140	6.54	160-170	5.25
20-30	2876.9	50-60	1648.1	80-90	158.3	110-120	3.65	140-150	7.5	170-180	2.14

Total Initial Lumen Output; 14765,2 lm at; 100W, 4000K

Co-efficient of Utilization

Coefficients Of Utilization - Zonal Cavity Method

Effective Floor Cavity Reflectance 0.20

RC 80																			
0 119 119 119 116 116 116 111 111 111 110 106 106 102 102 102 100 1 110 106 103 100 108 104 101 98 100 97 95 96 94 92 92 91 89 87 2 102 95 89 84 99 93 88 83 90 85 81 86 83 79 83 80 78 76 3 94 85 78 72 92 83 77 72 81 75 70 78 73 69 75 71 68 66 4 87 77 69 63 85 75 68 62 73 67 62 71 65 61 68 64 60 58 5 81 69 61 55 79 68 61 55 66 59 54 64	RC		8	30			7	70			50			30			10		0
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9 61 49 41 36 60 48 41 36 47 41 36 46 40 36 45 40 35 34	7	70	58	50	44	68	57	49	44	55	49	44	54	48	43	53	47	43	41
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	10	58	45	38	33	56	45	38	33	44	37	33	43	37	33	42	36	32	31

Initial Lumen Output: 15,000 lm

Beam Angle: 90°

Spacing Criteria: 1.28 mtg hgt, 1.28 mtg

hgt

Ambient Operating Temp: -40°C ~ 50°C / -

40°F ~ +122°F

CCN Number: IFAM-7

Efficacy: 135 lm/W Field Angle: 125°

Environmental Rating(s): IP20 Certification Standards: cULus, DLC

Premium

Limited Product Warranty: 5 years

CBCP: 6,688 CD

Luminaire Type: Suspended, Direct **UL Classification:** Damp Location

DLC Number: S-56W177



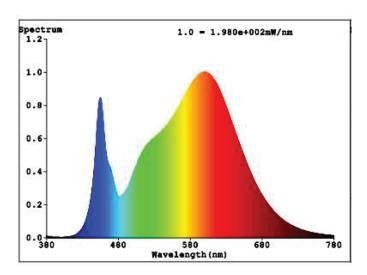
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LED SPECIFICATIONS

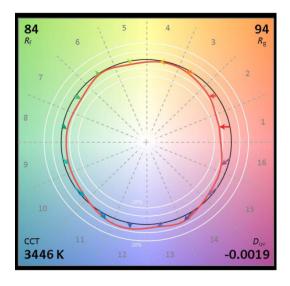
R Tables

R1	83	R9	8
R2	93	R10	84
R3	94	R11	80
R4	80	R12	68
R5	83	R13	86
R6	91	R14	98
R7	81	R15	76
R8	60	-	-

SPD



TM-30



Source Type: LED

Rg: 94

L90: >48,000 Hrs

Colour Tolerance: ±300K

CRI: > 80

L70: >54,000 Hrs

Colour Temperature: 3500K

Duv: -0.0019

Rf: 84

L80: >54,000 Hrs

Chromaticity: x=0.4063 y=0.3869



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ELECTRICAL SPECIFICATIONS

Input Voltage: 120-347Vac Current Draw at 120Vac: 0.874 Auxiliary Control: 12Vdc THD at 120Vac(%): 3.09 Dimming: 0-10Vdc

Driver Certifications: cRUus

Input Frequency: 50/60Hz Current Draw at 347Vac: 0.328 Power Factor at 120Vac: 0.999 THD at 347Vac(%): 12.07

Over Temperature Protection: Auto recovery. The output recovers when the

temperature returns to normal.

Fixture Draw: 105W; 90W; 70W (WS)

Max On-Delay: < 1.000 S Power Factor at 347Vac: 0.902

Max Operating Case Temperature: 055 °C Short Circuit Protection: Auto recovery. The output recovers when short is removed.

OCCUPANCY SENSOR INFORMATION

Sensor Type: Zhaga Z10 Socket built-in.

Sensor and programer extra

Programing Type: PIR

PHYSICAL SPECIFICATIONS

Finish Colour: White
Housing Material: Aluminium

Weight: 12.540 Kg / 5.693 Lbs

Finish Type: Powder Coat Lens Material: Polycarbonate (PC)

Entries: 5 @ 3/4"

Mounting: Suspened, Direct Lens Type: Prismatic 90° X 90°

SHIPPING INFORMATION

OrderingCode(s): LHB-15L_WS-3CS; Options ordered seperately

Box Weight: 12.540 Kg / 5.693 Lbs

Box Quantity: 1

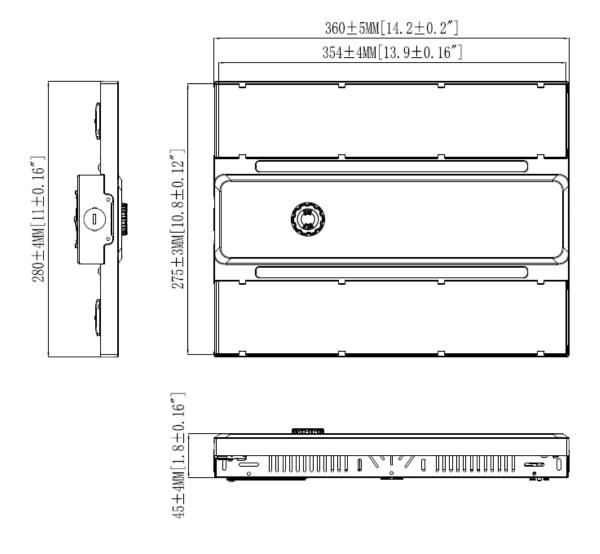
Box Dimensions (L-W-H): 380.0 x 300.0 x 70.1 mm / 14.960 x 11.810 x 2.760 in.



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LINE DRAWING

Line Drawings





Project:						
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SERIES ARCHITECTURE

Series Architecture

EXAMPLE; LHB-15L-WS-3CS

SERIES	LUMENS	WATTAGE	COLOUR TEMP
	[-15L] : 15,000 Lumens Max	[-WS]: 105/90/70W	
LHB	[-22L] : 22,000 Lumens Max	[-WS]: 155/130/105W	[-3CS]: 3500K/4000K/5000K
	[-30L] : 30,000 Lumens Max	[-WS]: 215/180/160W	

The LHB comes standard with a 10ft Y-Toggle suspension cable kit. Fixtures can be surface mounted using the LHB-SMK surface mount kit (Sold Separately).

	Part Number	Description	Note
	LHB-45X90-LG	Aisle Lighting Lense. (Large)	Field Installed
Options	LHB-45X90-SM	Aisle Lighting Lense. (Small)	Field Installed
	LHB-EM		Field Installed
	LHB-SMK		Field Installed

Optional Extras: Z10-IROC-DIM; Z10-IROC-REMOTE