



PROJECT:	
LOCATION:	
MODEL#:	TYPE:
CLIENT:	QTY:
PREPARED BY:	DATE:

LHB-15L-WS-3CS-SO

SERIES SPECIFICATIONS

The LHB SO series is the ideal high bay for manufacturing, warehousing, commercial and industrial applications. The series features a built in Z10 socket, allowing for 4 pin sensors to be used with the fixture along with color, wattage and optics selections.



Construction:

A full aluminum housing provides superior heat transmission and a durable unibody design.

Optics:

Optics Selectable feature come with the unit that includes the 90°x90°, 65°x95° and 45°x100°.

Dimming:

This product features 0-10v dimming and utilizes a Z10 socket with optional motion or photo controller (Sold Separately)

Installation:

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).

Note: Actual performance may differ as a result of end-user environment and application. All values are design or typical values, measured under laboratory conditions at 25°C. Specifications subject to change without notice.



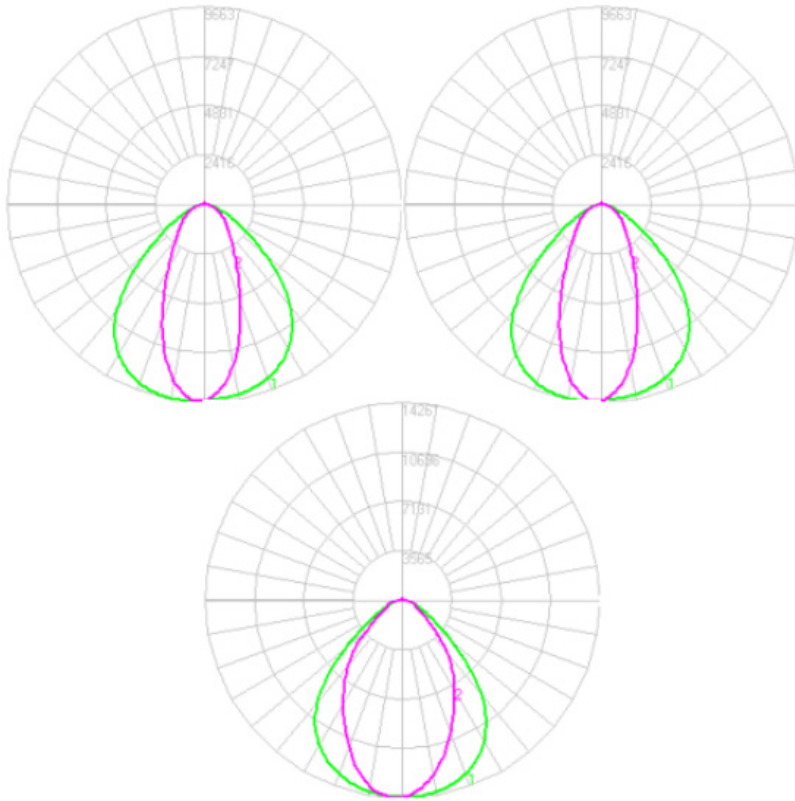
LUMINAIRE SPECIFICATIONS

CBCP: 8,018cd
Efficacy: 146lm/W
Field Angle: 125°
Lumen Output: 15,500lm

Luminaire Type: Suspended, Direct
Spacing Criteria: 1.24(0-180), 1.20(90-270)

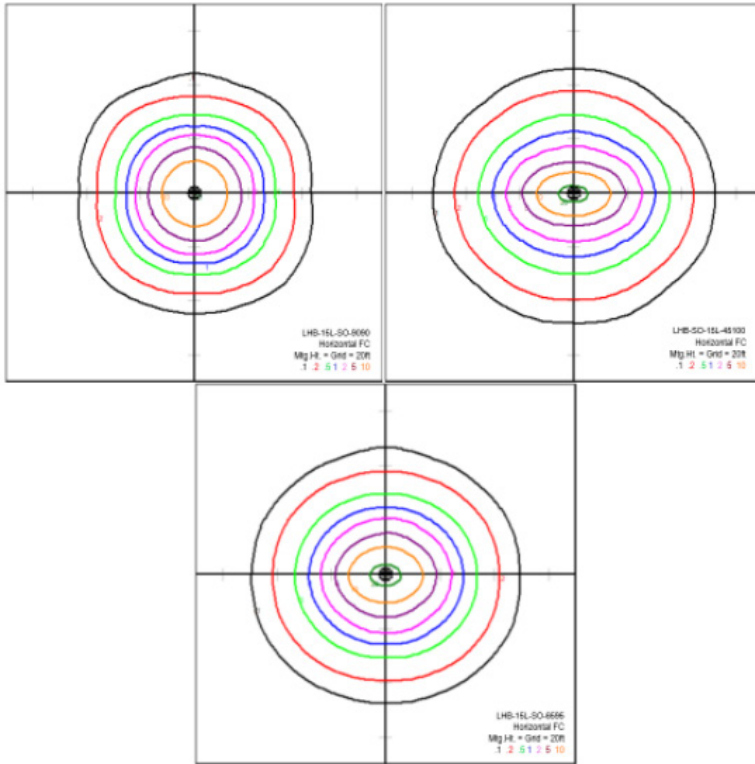
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Luminance Distribution Chart



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Isolux Diagram



LAMP SPECIFICATIONS

Initial Lumen Output: 14,992lm
Lamp Beam Angle: 90 °

LIGHT SOURCE SPECIFICATIONS

CRI: >80
Chromaticity: x=0.3764 y=0.3999 (4000K)
DUV: -0.0021
Fidelity Rf): 83
Gamut Rg): 97

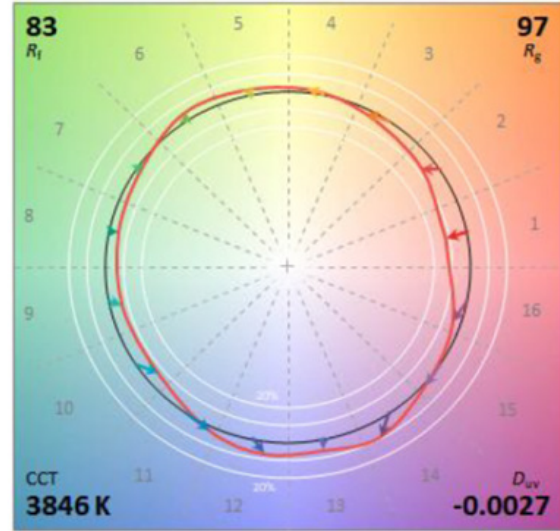
L70: 54,000hr
L90: 48,000hr
Nominal CCT: 3500K/4000K/5000K
Source Type: LED



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R1	80
R2	87
R3	92
R4	82
R5	81
R6	82
R7	86
R8	65

R9	3
R10	69
R11	81
R12	58
R13	82
R14	96
R15	75
Ra	82



ELECTRICAL SPECIFICATIONS

Auxiliary Control: 12
Current Draw: 0.03026A
Current Draw 120VAC: 0.874A
Dimming: 0-10V
Input Frequency: 50Hz / 60Hz
Over Temperature Protection: Auto recovery. The output recov-

ers when the temperature returns to normal.

Rated Input Voltage Range: 120-347VAC
THD 347VAC: 12.07
Wattage: 105W / 90W / 70W

SENSOR SPECIFICATIONS

Input Voltage: 120-347VAC

CERTIFICATIONS

File Number: E359675
Performance Certifications: DLC
Safety Certifications: cULus Listed

ENVIRONMENTAL SPECIFICATIONS

IP Rating: IP20
Max Operating Case Temperature: 55°C
Storage Range: -40-50°C
Temperature Rating: -40 to 50 °C

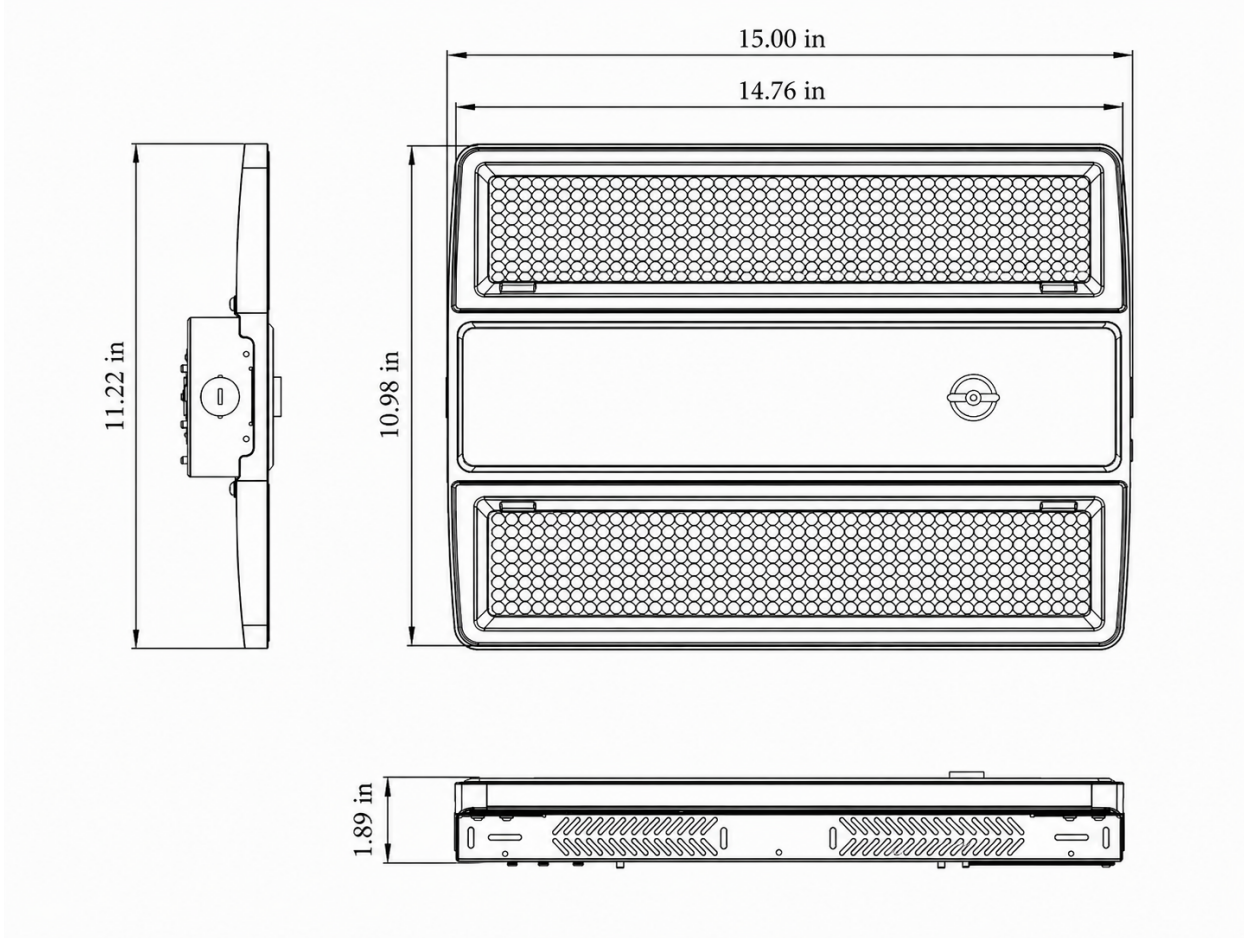
With Motion Sensor: -30°C to 50°C
 With Emergency Power Supply: 0°C to 50°C
UL Location Rating: Damp Location

PHYSICAL SPECIFICATIONS

Finish Color: White
Housing Material: Die-Cast Aluminum
Lens Material: PMMA
Mounting: Hanging Mount

Weight: 6.60lbs
Wiring Entries: 5 @ 3/4"

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WARRANTY INFORMATION

Warranty: 5 Years



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SERIES	LUMENS	WATTAGE	COLOR TEMP	OPTICS	COLOR
LHB	[-15L]: 15500lm	[-WS]: 105W/90W/70W	[-3CS]: 3500K/4000K/5000K	[-SO]: 90°90/45°100/65°95	[BLANK]: White

		3500K		4000K		5000K	
		90°90		90°90		90°90	
PART #	WATTAGE	LUMENS	LPW	LUMENS	LPW	LUMENS	LPW
LHB-15L-WS-3CS-SO	70	9800LM	140LM/W	10300LM	146LM/W	9800LM	140LM/W
	90	12600LM	140LM/W	13200LM	146LM/W	12600LM	140LM/W
	105	14700LM	140LM/W	15300LM	146LM/W	14700LM	140LM/W

		3500K		4000K		5000K	
		45°100		45°100		45°100	
PART #	WATTAGE	LUMENS	LPW	LUMENS	LPW	LUMENS	LPW
LHB-15L-WS-3CS-SO	70	9500LM	135LM/W	9800LM	140LM/W	9500LM	135LM/W
	90	12200LM	135LM/W	12600LM	140LM/W	12200LM	135LM/W
	105	14100LM	135LM/W	14700LM	140LM/W	14100LM	135LM/W

		3500K		4000K		5000K	
		65°95		65°95		65°95	
PART #	WATTAGE	LUMENS	LPW	LUMENS	LPW	LUMENS	LPW
LHB-15L-WS-3CS-SO	70	10400LM	149LM/W	10500LM	155LM/W	10400LM	149LM/W
	90	13400LM	149LM/W	13500LM	155LM/W	13400LM	149LM/W
	105	15500LM	149LM/W	16000LM	155LM/W	15500LM	149LM/W

SHIPPING SPECIFICATIONS

Master Case

Height: 3.74in.
Length: 15.8in.
QTY: 1

Weight: 6.6lbs
Width: 12in.