



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°X. Specifications subject to change without notice.

## LUMINAIRE SPECIFICATIONS

**Efficacy:** 148lm/W

**Lumen Output:** 15,500lm

		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



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**LIGHT SOURCE SPECIFICATIONS**

**CRI:** >80  
**Nominal CCT:** 3500K/4000K/5000K

**ELECTRICAL SPECIFICATIONS**

**Dimming:** 0-10V  
**Input Frequency:** 50Hz 60Hz  
**Rated Input Voltage Range:** 120-347VAC

**Wattage:**  
105W  
90W  
70W

**CERTIFICATIONS**

**File Number:** E359675  
**Safety Certifications:** cULus Listed

**ENVIRONMENTAL SPECIFICATIONS**

**IP Rating:** IP20  
**Storage Range:** -40-80°C  
**Temperature Rating:** -40 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 Or Surface Mount  
**Weight:** 5.28lbs

**WARRANTY INFORMATION**

**Warranty:** 5 Years

**ORDERING MATRIX**

SERIES	LUMENS	WATTAGE	COLOR TEMP	OPTICS	COLOR
LHB	[-15L]: 15500lm	[-WS]: 105W/90W/70W	[-3CS]: 3500K/4000K/5000K	[-S0]: 90°90/45°100/65°95	[BLANK]: White



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SHIPPING SPECIFICATIONS

Master Case

Height: 3.74in.      Weight: 6.6lbs  
Length: 15.8in.      Width: 12in.  
QTY: 1

ACCESSORIES



LHB-EM  
0669-1065  
9W FIELD INSTALL EMB  
FOR LHB SERIES 120-347V



LHB-SMK  
0666-4209  
SURFACE MOUNT KIT FOR  
LHB SERIES HIGHBAY



Z10-MCR  
0673-5291  
Z10 SOCKET  
MICROWAVE SENSOR