



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

LHB-23L-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: 143lm/W

Lumen Output: 23,127lm

PART #	WATTAGE	3500K		4000K		5000K	
		LUMENS	LPW	LUMENS	LPW	LUMENS	LPW
LHB-23L-WS-3CS-SO	105	15000LM	143LM/W	15600LM	152LM/W	15000LM	143LM/W
	130	18500LM	143LM/W	19400LM	152LM/W	18600LM	143LM/W
	160	22800LM	143LM/W	23800LM	152LM/W	23000LM	143LM/W

PART #	WATTAGE	3500K		4000K		5000K	
		LUMENS	LPW	LUMENS	LPW	LUMENS	LPW
LHB-23L-WS-3CS-SO	105	14200LM	136LM/W	15100LM	145LM/W	14200LM	136LM/W
	130	17600LM	136LM/W	18600LM	145LM/W	17600LM	136LM/W
	160	21700LM	136LM/W	23000LM	145LM/W	21700LM	136LM/W

PART #	WATTAGE	3500K		4000K		5000K	
		LUMENS	LPW	LUMENS	LPW	LUMENS	LPW
LHB-23L-WS-3CS-SO	105	15700LM	150LM/W	16200LM	160LM/W	15700LM	150LM/W
	130	19500LM	150LM/W	20000LM	160LM/W	19500LM	150LM/W
	160	24000LM	150LM/W	24500LM	160LM/W	24000LM	150LM/W



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LIGHT SOURCE SPECIFICATIONS

CRI: >80

Nominal CCT: 3500K/4000K/5000K

ELECTRICAL SPECIFICATIONS

Dimming: 0-10V

Over Temperature Protection: -40° to 50°

Wattage: 160W

Wattage:

160W/130W/105W

CERTIFICATIONS

File Number: E359675

Safety Certifications: cULus Listed

ENVIRONMENTAL SPECIFICATIONS

IP Rating: IP20

Storage Range: -40-80°C

Temperature Rating: -40-50 °C

With Emergency Power Supply: 0-50°C

UL Location Rating: Damp Location

PHYSICAL SPECIFICATIONS

Finish Color: White

Housing Material: Die-Cast Aluminum

Lens Material: PMMA

Mounting: Suspension or Surface Mount

Weight: 5.28lbs

WARRANTY INFORMATION

Warranty: 5 Years

ORDERING MATRIX

SERIES	LUMENS	WATTAGE	COLOR TEMP	OPTICS	COLOR
LHB	[-23L]: 23000lm	[-WS]: 160W/130W/105W	[-3CS]: 3500K/4000K/5000K	[-SO]: 90°90/45°100/65°95	[BLANK]: White



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SHIPPING SPECIFICATIONS

Master Case

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

Weight: 7.04lbs
Width: 12in.

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