

LFHB

LED Full-Body High Bay



ORDERING INFORMATION

Example: LFHB40SMDL18LFHBS

PRODUCT SPECIFICATIONS

DESCRIPTION

The LFHB Series is an LED High Bay designed for standard suspended or surface mounted high bay applications. Multiple lensing options are available including diffusers and polycarbonate lenses.

APPLICATIONS

The LFHB Series of Full-Body High Bays were designed to be high quality, energy efficient fixtures for use in commercial applications, offices, government facilities, schools, and public areas.

CONSTRUCTION

The fixture is constructed of a heavy gauge steel body. Housing embossed for maximum rigidity. Rounded side flanges for safe handling. Ballast Cover snaps into housing to cover driver and wires.

OPTICAL SYSTEM

White polyester polymer finish with a minimum 93% reflectivity. A variety of lensing options are available.

ELECTRICAL SYSTEM

Electronic drivers are available for 120/277V applications. Long-life LED system rated for >50K life hours (L70 @ 25°C). Metal gear tray for internal LED driver. Complies with federal energy efficiency standards. 0-10 dimming standard.

MOUNTING

The fixture can be suspended or surface mounted.

LISTINGS

Damp location rated.

WARRANTY

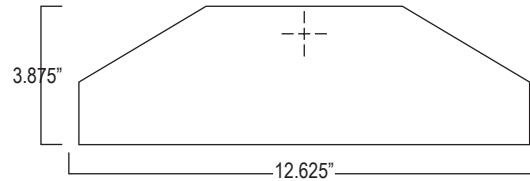
5-Year Limited Warranty. Complete warranty and terms located at www.aelnow.com/resources.

SERIES	COLOR TEMP		OUTPUT		VOLTAGE		LUMENS	
LFHB	30	3000K	S	Standard	M	Multi-Volt (120-277VAC)	DL12	12000
	35	3500K	H	High			DL14	14000
	40	4000K					DL16	16000
	50	5000K					DL18	18000
	57	5700K					DL20	20000
						DL22	22000	
						DL24	24000	
						DL26	26000	
						DL28	28000	
						DL30	30000	
						DL31	32000	

OPTIONS		DOOR FRAME	
OC4EX	360 Motion Sensor (Pre-Wired)	LFHBS	Satin Lens Door Frame
12EBL	1200 Lumen Emergency Ballast	LFHBA12	#12 Prismatic Acrylic Lens Door Frame
STP	Stainless Steel Tamper-Proof Screws		
FB	Internal Fast-Blow Fuse		
SB	Internal Slow-Blow Fuse		
FW	Flex Whip 6'		
AC10	10' Aircraft Cable Y		
C6SJ	6' SJ Cord		
TP20277	Twist Lock Receptacle 20 Amp 277		

**DL12-DL20 = Standard Output Range. DL22-DL31 = High Output Range.
Additional Lumen Outputs available. If specific Lumen output required not listed, please add to end of nomenclature (after "Voltage"). Ex. LFHB50SM23450, where 23,450 Lumens are needed.*

FIXTURE DIMENSIONS



ENERGY AND PERFORMANCE DATA

Input Voltage	120/277VAC
System Input Power	91.8 - 243.6 Watts
Delivered Lumen Output	12000-32000 Lumens
Optional Dimming Control	0-10V
CCT	3000, 3500, 4000, 5000, and 5700 Kelvin
CRI	80 (minimum)
Life Time Rating	50,000 hrs @ L70
Input Frequency	50/60 Hz
Power Factor	>0.9
Operating Temp	30° to 50° C

*Actual wattage may differ by ±5% while operating 120/277V ±10%

LED SYSTEM DATA

<i>Output</i>	<i>Color Temp</i>	<i>Delivered Lumens</i>	<i>Nominal Wattage</i>	<i>L70 @25°C (hrs)</i>
Standard	5700K	12,000	91.8	>50,000
Standard	5700K	14,000	107.1	>50,000
Standard	5700K	16,000	122.51	>50,000
Standard	5700K	18,000	137.8	>50,000
Standard	5700K	20,000	153.1	>50,000
High	5700K	22,000	168.4	>50,000
High	5700K	24,000	183.7	>50,000
High	5700K	26,000	199.1	>50,000
High	5700K	28,000	214.3	>50,000
High	5700K	30,000	229.7	>50,000
High	5700K	31,822	243.6	>50,000