

LFHB

LED Full-Body High Bay



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. White polyester polymer finish with a minimum 93% reflectivity.

OPTICAL SYSTEM

Various lensing options are available with addition of a doorframe. See doorframe ordering nomenclature.

ELECTRICAL SYSTEM

Electronic drivers are available for 120/277V applications. Long-life LED system rated for >100K life hours (L70 @ 40°C). Metal gear tray for internal LED driver. Complies with federal energy efficiency standards. 0-10 dimming standard.

MOUNTING

This fixture can be suspended or surface mounted.

LISTINGS

Damp location rated. Manufactured in the USA, BAA compliant.

WARRANTY

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

ORDERING INFORMATION

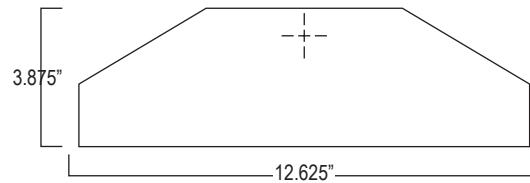
Example: LFHB40SMDL18

SERIES	COLOR TEMP	OUTPUT	VOLTAGE	LUMENS	OPTIONS	DOORFRAME	
LFHB	30	3000K	S Standard	M Multi-Volt (120-277V)	DL12 12000	OC4EX 360 Motion Sensor (Pre-Wired)	LFHBS Satin Lens
	35	3500K	H High	480 480 Volt	DL14 14000	12EBL 1200 Lumen Emergency Ballast	With Door Frame
	40	4000K			DL16 16000	STP Stainless Steel Tamper-Proof Screws	LFHBA12 #12 Prismatic Acrylic Lens
	50	5000K			DL18 18000	FB Internal Fast-Blow Fuse	With Door Frame
	57	5700K			DL20 20000	SB Internal Slow-Blow Fuse	
					DL22 22000	FW Flex Whip 6'	
				DL24 24000	AC10 10' Aircraft Cable with Y-Toggles		
				DL26 26000	C6SJ 5' SJ Cord		
				DL28 28000	TP20277 Twist Lock Receptacle 20 Amp 277V		
				DL30 30000	WG Wire Guard		
				DL31 32000			

*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	>100,000 hrs @ L70
Input Frequency	50/60 Hz
Power Factor	>0.9
Operating Temp	-20° to 50° C

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

LED SYSTEM DATA

Output	Color Temp	Delivered Lumens	Nominal Wattage	L70 @25°C (hrs)
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