

LCBD

Lay-In Square Center Basket Direct/Indirect



STANDARD

OPTIONAL



PRODUCT SPECIFICATIONS

DESCRIPTION

The LCBD series is a lay-In LED square center basket direct/indirect fixture available in 1x2, 1x4, 2x2, and 2x4 body sizes. Sleek design provides a comfortable light environment and contemporary appearance.

APPLICATIONS

The LCBD series was designed to be high quality, energy efficient LED fixtures for use in commercial applications, office buildings, 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.

OPTICAL SYSTEM

High transmission extruded acrylic lens distributes light efficiently and glare free and diffuses the appearance of the LEDs. High reflectance white reflector distributes light through optical elements.

ELECTRICAL SYSTEM

Electronic driver 0-10V dimming standard. 120/277V applications. Additional driver options available. Long-life LED system rated for >100K hours (L70 @ 50°C). Complies with federal energy efficiency standards.

MOUNTING

This fixture was designed to be recessed mounted.

LISTINGS

UL and cUL Listed. Damp location rated. Made in the USA.

WARRANTY

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

ORDERING INFORMATION

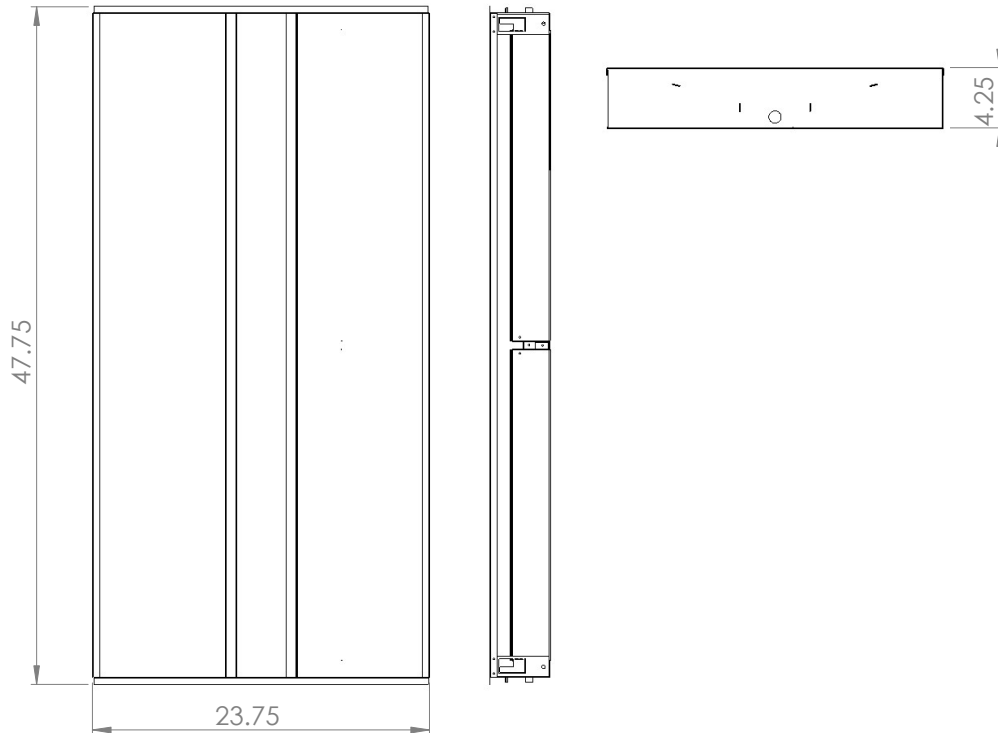
Example: LCBD2240SMM

SERIES	SIZE	CCT	OUTPUT	VOLTAGE
LCBD	12 1x2	30 3000K	SL Standard Low	M Multi-Volt (120-277VAC)
	14 1x4	35 3500K	ML Medium Low	
	22 2x2	40 4000K	HL High Low	
	24 2x4	50 5000K	SM Standard Medium	
			MM Medium Medium	
			HM High Medium	
			SH Standard High	
			MH Medium High	
			HH High High	

For optional lumen packages, add the desired lumens to the end of the part number

DRIVER OPTIONS		OPTIONS	
BLANK	0-10V Dimming Driver (included standard)	12EBL	1200 Lumen Emergency Ballast
CD1	0-10V 1% to Off Dimming Driver	FW	6' Flex Whip
CD5	0-10V 5% to Off Dimming Driver	SMS	Surface Mount Shroud
EDN	Electronic Driver Non-Dimming	FK22	2x2 Flange Kit
DALI	DALI 1% Dimming Driver	FK24	2x4 Flange Kit
LDE1	Lutron Hi-lume 1% EcoSystem LED driver with Soft-on, Fade-to-Black dimming technology	90	90 CRI
		VDO	Lutron Vive Integral RF controller with daylight and occupancy sensing
		FCJ50	Lutron Vive attached RF fixture controller for 0-10V drivers.

FIXTURE DIMENSIONS



LED SYSTEM DATA

Output	Delivered Lumens	System Wattage	L70 @50C (hrs)
SL	4650	33	>100K
ML	7974	57	>100K
HL	11150	80	>100K
SM	12040	86	>100K
MM	13016	93	>100K
HM	15728	112	>100K
SH	16500	118	>100K
MH	20000	143	>100K
HH	25000	179	>100K

* Delivered Lumens shown were tested with 4000K LEDs

ENERGY AND PERFORMANCE DATA

Input Voltage	120/277VAC
System Input Power	33 - 179 Watts
Delivered Lumen Output	4650 - 25,000 Lumens
Standard Dimming Control	0-10V
CCT	3000, 3500, 4000, 5000 Kelvin
CRI	82 (minimum)
Life Time Rating	100,000 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%

Approximate Color Temperature Multiplier	
5000K	1.03
4000K	1
3500K	0.97
3000K	0.94
2700K	0.91