ADVANTAGE ENVIRONMENTAL LIGHTING

CATALOG #:

PROJECT:

TYPE:

MADE IN THE USA

LCBDR

LAY-IN CENTER BASKET DIRECT/INDIRECT

UL | LUTRON OPTIONAL

PRODUCT SPECIFICATIONS

DESCRIPTION: The LCBDR series is a lay-In LED 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 LCBDR 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 **FROSTED** 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.

LISTING: 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		DRIVER OPTIONS		OPTIONS	
LCBD	12	1x2	30	3000K	SL	Standard Low	M	Multi-Volt (120-277VAC)	BLANK	0-10V Dimming Driver (included standard)	12EBL	1200 Lumen Emergency Ballast
	14	1x4	35	3500K	ML	Medium Low			CD1	0-10V 1% to Off Dimming Driver	FW	6' Flex Whip
	22	2x2	40	4000K	HL	High Low			CD5	0-10V 5% to Off Dimming Driver	SMS	Surface Mount Shroud
	24	2x4	50	5000K	SM	Standard Medium			EDN	Electronic Driver Non-Dimming	FK22	2x2 Flange Kit
					MM	Medium Medium			DALI	DALI 1% Dimming Driver	FK24	2x4 Flange Kit
					HM	High Medium			LED1	Lutron Hi-lume 1% EcoSystem LED driver with Soft-on, Fade-to-Black dimming technology	90	90 CRI
					SH	Standard High					VDO	Lutron Vive Integral RF controller with daylight and occupancy sensing
					MH	Medium High					FCJSO	Lutron Vive attached RF fixture controller for 0-10V drivers.
					HH	High High						

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

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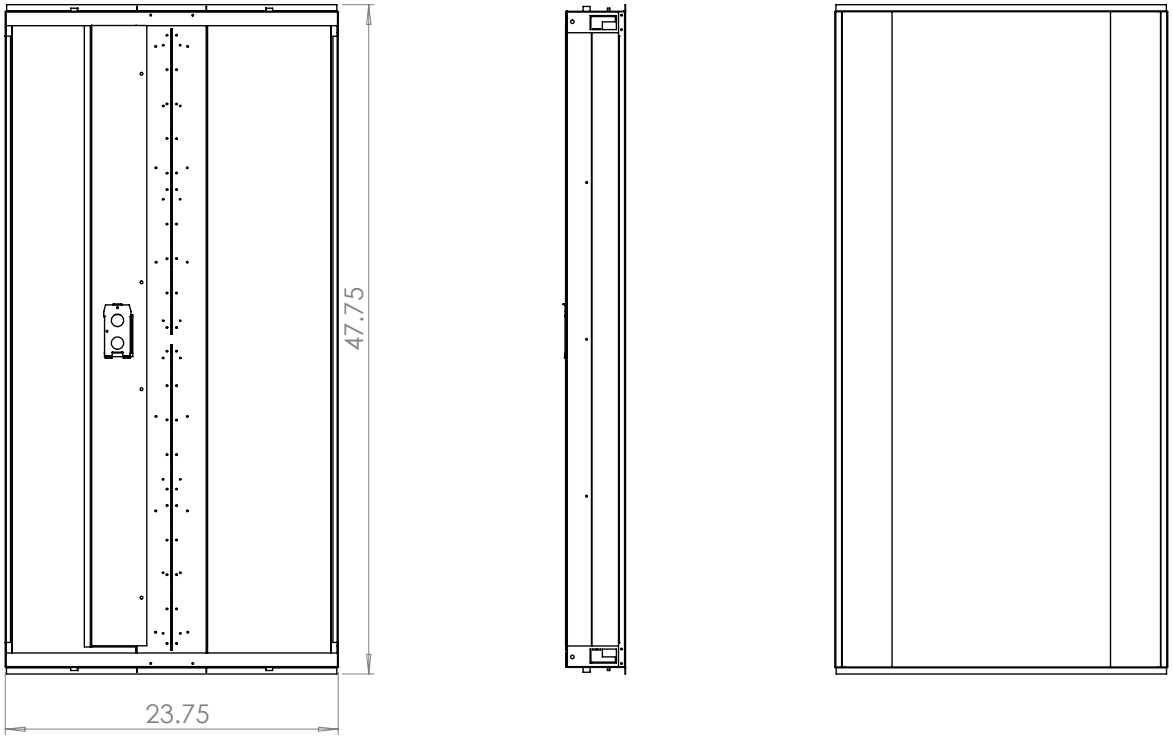
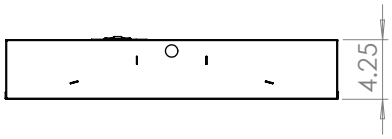
FIXTURE DIMENSIONS





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

OUTPUT	DELIVERED LUMENS	SYSTEM WATTAGE	L70 @20C (HRS)
SL	4650	33	>120K
ML	7974	57	>120K
HL	11150	80	>120K
SM	12040	86	>120K
MM	13016	93	>120K
HM	15728	112	>120K
SH	16500	118	>120K
MH	20000	143	>120K
HH	25000	179	>120K

* DELIVERED LUMENS SHOWN WERE TESTED WITH 4000K LEDS