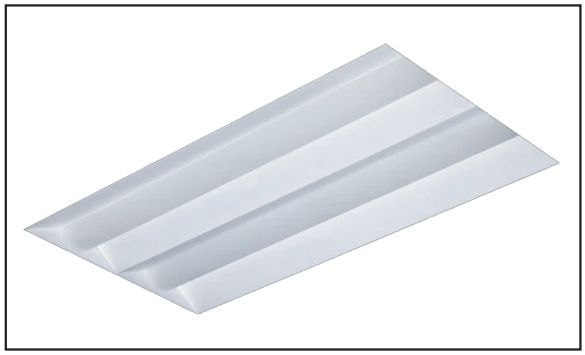
LC2BI

LED Dual Lens Center Basket



STANDARD | OPTIONAL

PRODUCT SPECIFICATIONS

DESCRIPTION

The LC2BI series is an LED direct/indirect center basket with 2 lenses. Available in 2x2 and 2x4 sizes. Designed for recessed T-grid mounting, with options for flange kits and surface mount shrouds for alternative mounting. The LC2BI series provides soft, balanced lighting for a comfortable light environment and contemporary appearance. With virtually unlimited applications, the LC2BI Series allows architects and designers the freedom to experiment with their designs without exceeding ever decreasing energy budgets.

APPLICATIONS

The LC2BI series is designed to be a high quality, energy efficient LED fixture for use in hotel lobbies, offices, common areas, hospitals, museums, retail, schools, professional business environments, and more.

CONSTRUCTION

The fixture is constructed of a heavy gauge steel body with white powder coat finish. Dual frosted acrylic lenses diffuse the LEDs and provide a balanced light output.

ELECTRICAL SYSTEM

0-10V dimming standard, 120-277V, 50/60Hz. Long-life LED system rated for >100K life hours (L70 @ 50°C). Complies with federal energy efficiency standards.

MOUNTING

Recessed grid mounting. Flange kit and surface mount shroud options available.

LISTINGS

Independently tested to IESNA LM-79 and LM-80 specifications. UL and cUL Listed. Damp location rated. Made in the USA, BAA compliant.

WARRANTY

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

ORDERING INFORMATION

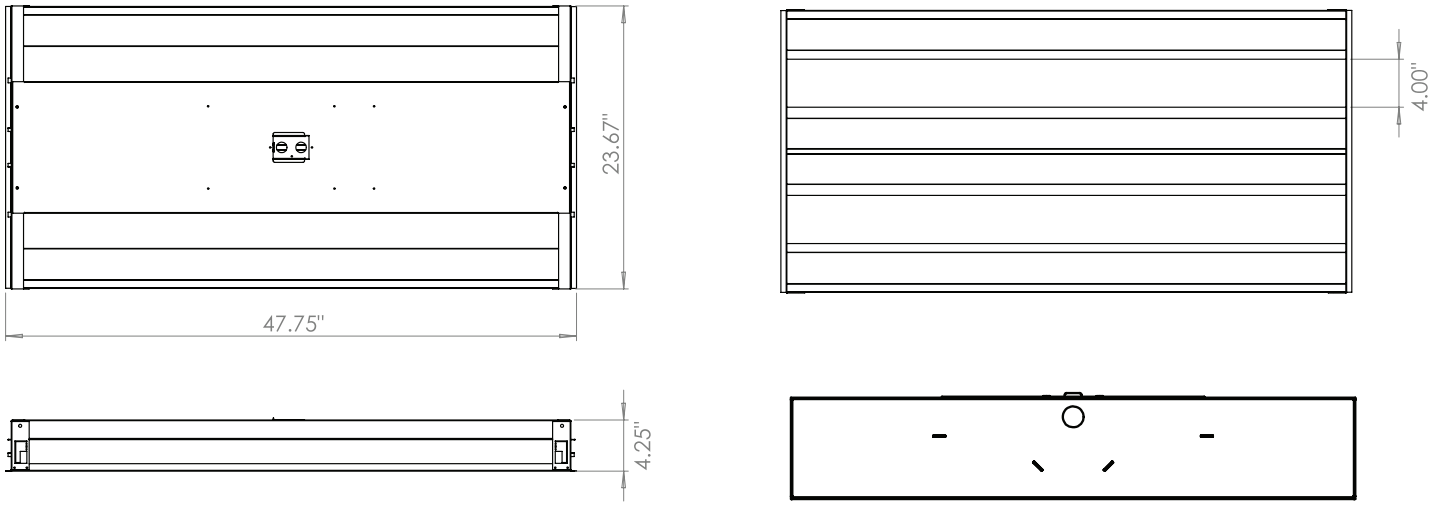
Example: LC2BI-40-M-FA-M

Series		CCT		Output		Lens		Voltage	
LC2BI2	2x2	**30**	3000K	**S**	Standard	**FA**	Frosted Acrylic	**M**	120/277VAC (Multi-Volt)
LC2BI4	2x4	**35**	3500K	**M**	Medium				
		40	4000K	**H**	High				
		50	5000K	**VH**	Very High				

Emergency Options		Options		Fuse Options	
12EBL	1200 Lumen Emergency Ballast	**FW**	6' Armored Cable	**FB**	Internal Fast Blow Fuse
		C6SJ	6' SJ Flex Whip 16/3	**SB**	Internal Slow Blow Fuse
		C10SJ	10' SJ Flex Whip 16/3		
		FK14	1x4 Flange Kit		
		FK22	2X2 Flange Kit		
		FK24	2x4 Flange Kit		
		SMS14	2x4 Surface Mount Shroud		
		SMS22	2x2 Surface Mount Shroud		
		SMS24	2x4 Surface Mount Shroud		
		VDO	Lutron Vive Integral Fixture Control (RF with Daylight and Occupancy Sensing)		

Note: For custom lumen output, add desired lumens to end of part number.

DIMENSIONS



ENERGY AND PERFORMANCE DATA

Input Voltage	120/277VAC
System Input Power	25, 34, 42, 51 Watts*
Delivered Lumen Output	3750-7500 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	-40° to 55° C

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

LED SYSTEM DATA

Output	Delivered Lumens	System Wattage
Standard	3750	25
Medium	5000	34
High	6250	42
Very High	7500	51

Lumens based on 4000K