ADVANTAGE ENVIRONMENTAL LIGHTING

MADE IN THE USA

CATALOG #:

PROJECT:

TYPE:

LSAI HEAVY DUTY CEILING MOUNT LUMINAIRE

The **BAI** is a heavy-duty, vandal resistant, ceiling mounted luminaire. Engineered for high abuse areas, the BAI is a durable, sleek, and efficient fixture. The BAI is a perfect combination of strength and aesthetics. An excellent choice for locations such as correctional facilities, stairwells, schools, restrooms, storage facilities, dormitories, hallways, shower facilities, and locker rooms.

FINISH: Powder-coated white finish, with anti-microbial white available. For additional finish options, consult factory.

HOUSING: 16 gauge steel, with welded and ground ends. Stainless steel and Marine Grade .063" aluminum construction available with options. Fixture is available with knockouts on ends for continuous run/conduit entry.

ELECTRICAL SYSTEM: 0-10V 1% dimming driver included standard, 120/277V. Long-life LED system is rated for >100K life hours (L70 @ 45°C). Complies with federal energy efficiency standards.

LENS OPTIONS: The MLC housing options includes a double wall lens channel captive lens that prevents unwanted penetration. With screws along each side, the MLC ensures maximum lens captivation.

LENS: UV stabilized, impact-resistant clear polycarbonate lens available in .125" and .187" thickness, UV stabilized, impact-resistant frosted polycarbonate lens available in .125" thickness. UV stabilized, impact-resistant prismatic polycarbonate lens available in .125" thickness. For additional lens options, consult factory.

LISTINGS: ETL listed for damp location. Wet location optional (IP65). Manufactured in Fort Worth, TX.

FASTENERS: Captive, stainless steel tamper proof, T20 TORX head screws prevent unauthorized access.

LED: 80 CRI or 90 CRI LEDs available in 2700K, 3000K, 3500K, 4000K and 5000K. Life is >100,000 hours at 70% lumen maintenance.

GASKET: One-piece closed cell silicone gasket seals lens to housing.

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

Ordering Information on Next Page ►

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ORDERING INFORMATION

Example: LSAI3-MLC-40-12L-FP125-M-BLANK-ALH-WL

SERIES

LSAI2	2′
LSAI3	3′
LSAI4	4′
LSAI6	6′
LSAI8	8′

HOUSING

MLC	Tamper-Resistant Screws Along Each Side to Ensure Security
NTP	Non Tamper-Resistant Screws Along Each Side to Ensure Security

COLOR TEMP

27	2700K
30	3000K
35	3500K
40	4000K
50	5000K

OUTPUT

4′, 6′, 8′ | 3′ | 2′

4.5L	4500 Lumens
8L	8000 Lumens
11L	11,000 Lumens
12L	12,000 Lumens
13L	13,000 Lumens
16L	16,000 Lumens
XXL	CUSTOM

LENS

125P	.125 Clear Polycarbonate
187P	.187 Clear Polycarbonate
FP125	.125 Frosted Polycarbonate
PP125	.125 Prismatic Polycarbonate

VOLTAGE

M	120/277C

DRIVER

BLANK	0-10V 1% Dimming Driver (included standard)
CD5	0-10V 5% to off Dimming Driver
EDN	Electronic Driver Non-Dimming
FLDD	DALI 1% Dimming Driver
LDE1	Lutron Hi-lume 1% EcoSystem LED driver with Soft-on, Fade-to-Black dimming technology

OPTIONS

12EBL	1200 Lumen Emergency Ballast
IS	Internal Occupancy Sensor (ON/OFF)
SP	Stainless Steel Housing - Painted
SB	Stainless Steel Housing - Brushed
ALH	Marine Grade Aluminum Housing - Painted
AM	Anti-microbial White Paint
90	90 CRI
VDO	Lutron Vive Integral RF Controller with Daylight and Occupancy sensing.
KO1	KO on One End
KO2	KO on Both Ends
WL	Wet Location (IP65)

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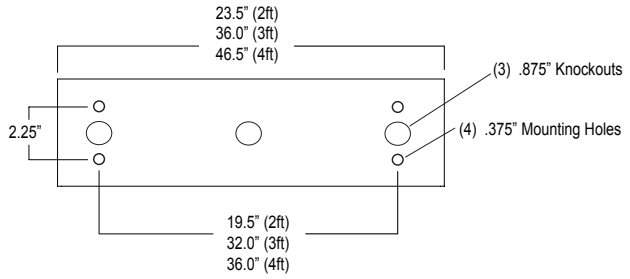
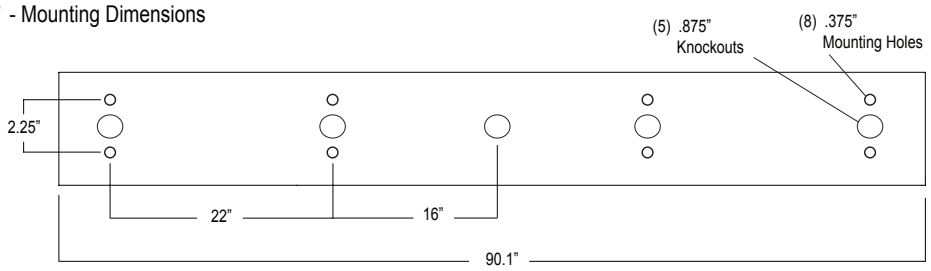
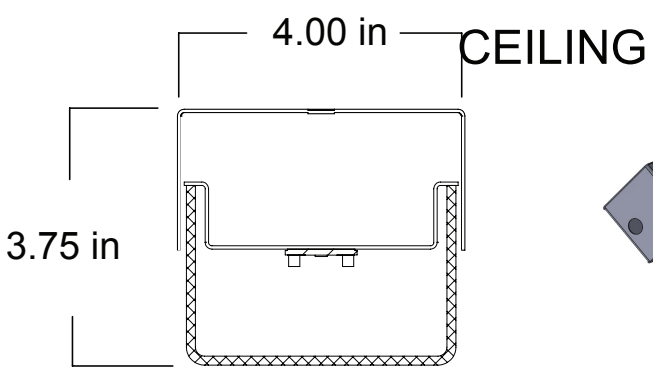
MOUNTING DIMENSIONS

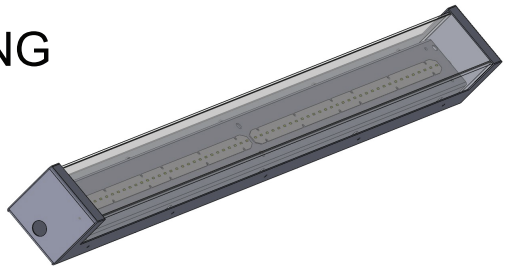
2',3',4' - Mounting Dimensions



8' - Mounting Dimensions







ENERGY AND PERFORMANCE DATA

INPUT VOLTAGE:	120/277VAC
SYSTEM INPUT POWER:	31.25 - 111.1 WATTS*
DELIVERED LUMEN OUTPUT:	2000 - 10000 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	X	1.03
4000K	X	1
3500K	X	.97
3000K	X	.94
2700K	X	.91

PART#	DELIVERED LUMENS	WATTS	L70 @20C (HRS)
4.5L	4500 LUMENS	31.25	>100K
8L	8000 LUMENS	55.5	>100K
11L	11,000 LUMENS	76.4	>100K
12L	12,000 LUMENS	83.3	>100K
13L	13,000 LUMENS	90.8	>100K
16L	16,000 LUMENS	111.1	>100K