ADVANTAGE ENVIRONMENTAL LIGHTING

MADE IN THE USA

CATALOG #:

PROJECT:

TYPE:

BAL LED HIGH ABUSE CORNER MOUNT

BASTILLE PRISON GRADE

The **BAL** Series is an architecturally designed surface mount LED fixture. It is available for continuous run mounting. The BAL utilizes state-of-the-art LED technology to deliver the highest possible efficiency in the lighting industry. The BAL is impact resistant and prevents unwanted fixture penetration. Suited for schools, mental health facilities, stairwells, corridors, detention centers, and public transportation areas.

CONSTRUCTION: One-piece die-formed prime grade material as specified. Corners continuously seam welded and smooth. Knockouts can be ordered through ordering options. Tether for LED tray also available as an option.

FASTENERS: Stainless steel tamper resistant T25 torx head screws.

OPTICAL SYSTEM: The fixture is provided with a precision formed, high efficiency symmetrical reflector to provide exceptional downward throw. Choice of inner diffusing lens material, and outer polycarbonate lens material. If additional lenses are required, consult factory.

ELECTRICAL SYSTEM: Electronic drivers are available for 120/277V applications, 0-10v dimming standard. Long-life LED system rated for >100K life hours (L70 @ 45°C). Complies with federal energy efficiency standards. 90 CRI available as an option.

MOUNTING: This fixture is designed for corner / wall / ceiling mounting, where the wall and ceiling meet.

LISTINGS: Independently tested to IESNA LM-79 and LM-80 specifications. ETL and cETL Listed. Damp location rated. IP66 rated with option WL. Manufactured in the USA, BAA compliant.

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: BAL-8-40-11L-SH14-125C-125P-W-M-THR

SERIES	LENGTH (FT.)	CCT	ILLUMINATION LEVEL	HOUSING/DOORFRAME	INNER LENS	OUTER LENS
BAL	2 2′ 4 4′ 8 8′ XX Length in Ft.	30 3000K 35 3500K 40 4000K 50 5000K	8′ / 4′ 4.5L 4500 Lumens 8L 8000 Lumens 11L 11000 Lumens 12L 12000 Lumens 13L 13000 Lumens 16L 16000 Lumens XX Custom Lumens	B14 14 Gauge Cold Roll Steel B16 16 Gauge Cold Roll Steel SH14 14 Gauge Stainless Steel SH16 16 Gauge Stainless Steel	N No Lens 125C .125 Prismatic Acrylic (inverted) CP25 .125 Prismatic Polycarbonate CP87 . 187 Prismatic Polycarbonate TG . 156 Prismatic Tempered Glass 156C .156 Prismatic Acrylic (inverted)	N No Lens 125P .125 Clear Polycarbonate 156P .156 Clear Polycarbonate 187P .187 Clear Polycarbonate 25P .250 Clear Polycarbonate 375P .375 Clear Polycarbonate F1 .187 Clear Tempered Glass G1 .250 Clear Tempered Glass H1 .375 Clear Tempered Glass J1 .500 Clear Tempered Glass

FINISH	VOLTAGE	DRIVER	OPTIONS
W White SP Custom AM Antimicrobal Paint	M Multi-Volt (120-277V)	BLANK 0-10V 1% Dimming Driver (included standard) CD5 0-10V 5% to Off Dimming Driver EDN Electronic Driver Non-Dimming DALI 1% Dimming Driver LDE1 Lutron Hi-lume 1% EcoSystem LED driver with Soft-on, Fade-to-Black dimming technology	14EBL 14 Watt Emergency Ballast EC Emergency Circuit VDO Lutron Vive Integral RF controller with daylight and occupancy sensing. WL IP65 Rated NL Night Light KO1 Knockout One Side KO2 Knockout Both Sides 90 90 CRI TDF Tethered door frame WL Wet Location (IP66) IPH Full Length Internal Piano Hinge Door Frame

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ENERGY AND PERFORMANCE DATA

INPUT VOLTAGE:	120/277VAC
SYSTEM INPUT POWER:	31.5 - 111 WATTS*
DELIVERED LUMEN OUTPUT:	4500 - 13000 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	31.5	>100K
8L	8000	55.2	>100K
11L	11000	79.1	>100K
12L	12000	83.2	>100K
13L	13000	90.1	>100K
16L	13000	111	>100K

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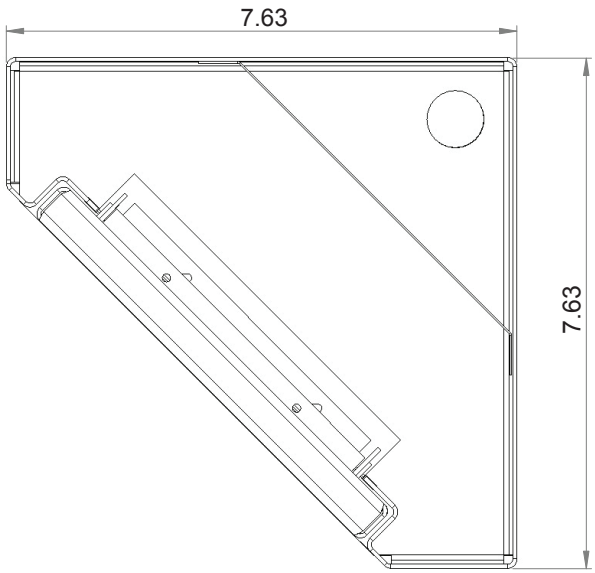
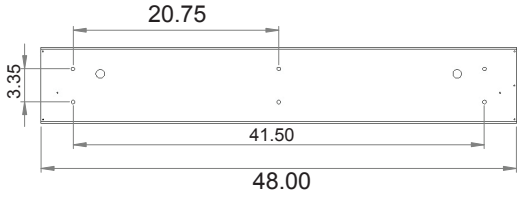
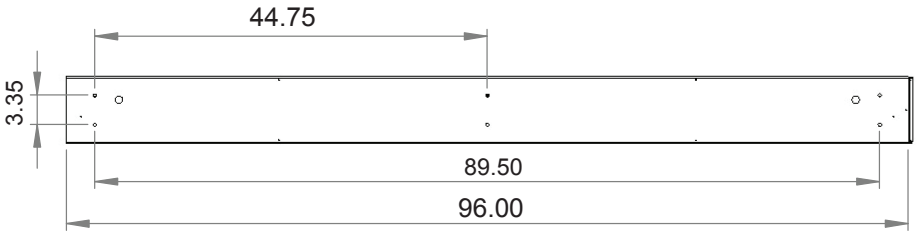
DIMENSIONS



BAL4



BAL8