



CATALOG #:

PROJECT:

TYPE:

BAL LED HIGH ABUSE CORNER MOUNT



Ligature-Resistant



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. Ligature-resistant when mounted with top of fixture and at least 3 sides flush with ceiling/walls, and the addition of pick-proof sealant caulk is used on all edges (see next page for illustrated example).

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. IP65 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

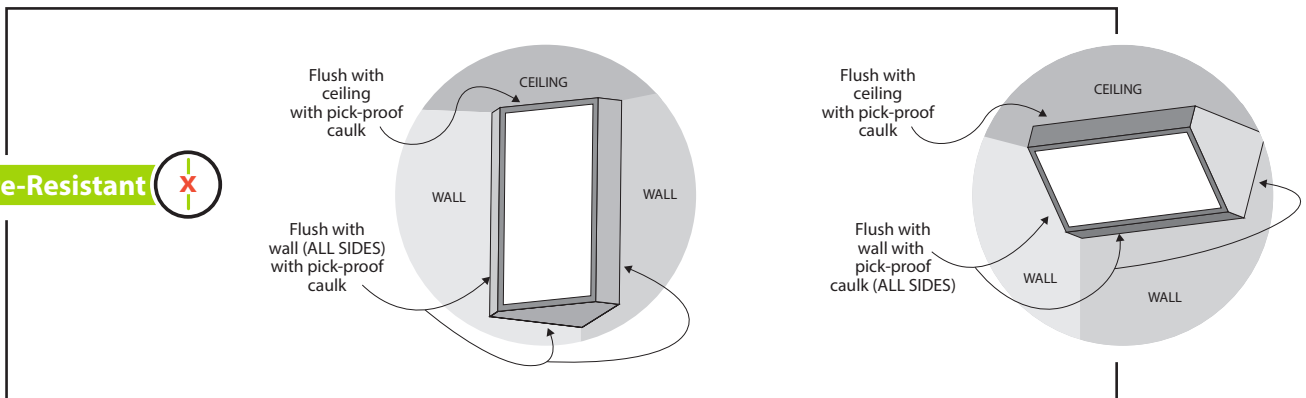
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ORDERING INFORMATION

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'	30 3000K	4L 4000 Lumens	B14 14 Gauge Cold Roll Steel	N No Lens	N No Lens
	4 4'	35 3500K	8L 8000 Lumens	B16 16 Gauge Cold Roll Steel	125C .125 Prismatic Acrylic (inverted)	125P .125 Clear Polycarbonate
	8 8'	40 4000K	11L 11000 Lumens	SH14 14 Gauge Stainless Steel	CP25 .125 Prismatic Polycarbonate	156P .156 Clear Polycarbonate
	XX Length in Ft.	50 5000K	12L 12000 Lumens	SH16 16 Gauge Stainless Steel	CP87 .187 Prismatic Polycarbonate	187P .187 Clear Polycarbonate
					TG .156 Prismatic Tempered Glass	25P .250 Clear Polycarbonate
					156C .156 Prismatic Acrylic (inverted)	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	M Multi-Volt (120-277V)	BLANK 0-10V 1% Dimming Driver (included standard)	14EBL 14 Watt Emergency Ballast
SP Custom		CD5 0-10V 5% to Off Dimming Driver	EC Emergency Circuit
AM Antimicrobial Paint		EDN Electronic Driver Non-Dimming	VDO Lutron Vive Integral RF controller with daylight and occupancy sensing.
		DALI 1% Dimming Driver	NL Night Light
		LDE1 Lutron Hi-lume 1% EcoSystem LED driver with Soft-on, Fade-to-Black dimming technology	KO1 Knockout One Side
			KO2 Knockout Both Sides
			90 90 CRI
			TDF Tethered door frame
			WL Wet Location (IP65)
			IPH Full Length Internal Piano Hinge Door Frame



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ENERGY AND PERFORMANCE DATA

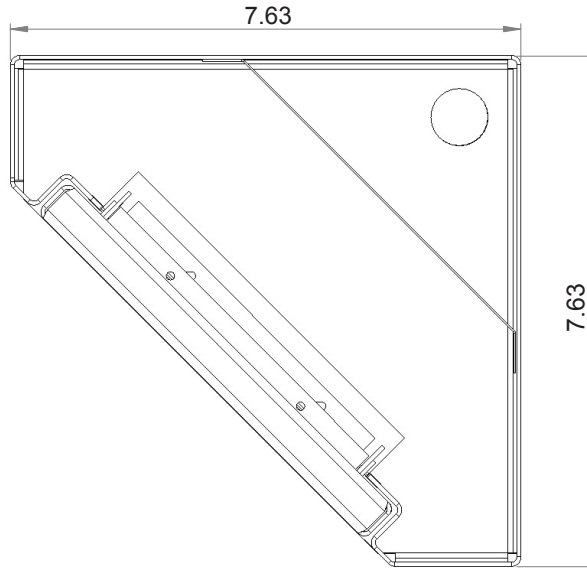
INPUT VOLTAGE:	120/277VAC
SYSTEM INPUT POWER:	25.0 - 111 WATTS*
DELIVERED LUMEN OUTPUT:	4500 - 13000 LUMENS
STANDARD DIMMING CONTROL:	0-10V
CCT:	3000, 3500, 4000, 5000 KELVIN
CRI:	82 (MINIMUM)
LIFE TIME RATING:	>100,000 HRS @ L70
INPUT FREQUENCY:	50/60 HZ
POWER FACTOR:	>0.9
OPERATING TEMP:	-30° TO 50° C

APPROXIMATE COLOR TEMPERATURE MULTIPLIER		
5000K	X	1.03
4000K	X	1
3500K	X	.97
3000K	X	.94
2700K	X	.91

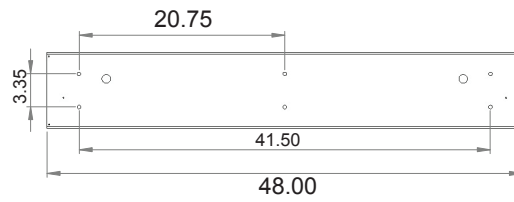
PART#	DELIVERED LUMENS	WATTS	L70 @20C (HRS)
4L	4000	25.0	>100K
8L	8000	55.2	>100K
11L	11000	79.1	>100K
12L	12000	83.2	>100K
13L	13000	90.1	>100K
16L	13000	111	>100K

*ACTUAL WATTAGE MAY DIFFER BY ±5% WHILE OPERATING 120/277V ±10%

DIMENSIONS



BAL4



BAL8

