



BAE

**SURFACE
MOUNT LED
PRISON GRADE**



The **BAE** is a maximum security, prison grade, surface mount luminaire. The BAE can be both ceiling- or wall-mounted. Engineered with a low-profile clamshell housing, while utilizing inner/outer lenses and tamper resistant fasteners for impact resistance and penetration, and to prevent contraband concealment. UL/cUL listed for damp locations. The BAE is ideal for correctional and high abuse applications, such as inmate cells, psychiatric wards, secure corridors and general population areas. Available with knockouts for continuous runs (option BAECR).

FASTENERS: Comes standard with stainless steel tamper-resistant T20 TORX® screws. Allenhead screws with center reject pin are available with option AH.

ELECTRICAL SYSTEM: 0-10V 1% Dimming driver included standard. Long-life LED system rated for >100K life hours (L70 @ 25° C). Metal gear tray for internal LED driver. Complies with federal energy efficiency standards.

OPTICAL SYSTEM: Various lensing options available for inner/outer lens. If additional lens options are needed, consult factory. The lens is secured by thru-studs and vertically adjustable internal hold-downs.

LISTINGS: UL/cUL listed for damp locations, and Wet Location is available as an option (see next page).

FINISH: High gloss, electrostatically applied, white powder coat finish, average minimum reflectance 92%.

HOUSING: Cold roll or stainless steel body available in various gauges. Designed with continuous welded and ground ends to form a one-piece, seamless, doorless housing which maximizes impact resistance, prevents contraband concealment, and unauthorized fixture penetration. Tamper proof screws allow for maintenance while preventing fixture access or weapon fabrication.

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

BACKPLATE: Die-formed backplate creates an irretrievable blade trap that prevents contraband concealment.

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

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ORDERING INFORMATION:

Example: BAE2-30-15L-INS-B14-B14-156P-PA125-M-CD5-FZ

SERIES		CCT	OUTPUT	HOUSING MATERIAL	OUTER LENS	INNER LENS
BAE2	2'	27 2700K	4L 4000 Lumens	B12 12 Gauge Cold Rolled Steel	N No Lens	N No Lens
BAE4	4'	30 3000K	7L 7000 Lumens	B14 14 Gauge Cold Roll Steel	125P .125 Clear Polycarbonate	PA125 .125 Prismatic Acrylic
		35 3500K	11L 11000 Lumens	B16 16 Gauge Cold Roll Steel	156P .156 Clear Polycarbonate	PA156 .156 Prismatic Acrylic
		40 4000K	12L 12000 Lumens	B18 18 Gauge Cold Roll Steel	187P .187 Clear Polycarbonate	FA .125 Frosted Acrylic
		50 5000K	13L 13000 Lumens	B20 20 Gauge Cold Roll Steel	250P .250 Clear Polycarbonate	PP125 .125 Prismatic Polycarbonate
			15L 15000 Lumens	SH14 14 Gauge Stainless Steel	375P .375 Clear Polycarbonate	PP187 .187 Prismatic Polycarbonate
			16L 16000 Lumens	SH16 16 Gauge Stainless Steel	CTG187 .187 Clear Tempered Glass	CTG/PA .156 Prismatic Tempered Glass
			20L 20000 Lumens	SH18P 18 Gauge Stainless Steel (Painted)	CTG250 .250 Clear Tempered Glass	SY Symmetric Diffused DR Acrylic
			25L 25000 Lumens	SHB14 14 Gauge Stainless Steel (Brushed)	CTG375 .375 Clear Tempered Glass	
			XX Custom Lumens	SHB16 16 Gauge Stainless Steel (Brushed)		
				SHB18 18 Gauge Stainless Steel (Brushed)		

VOLTAGE	DRIVER	OPTIONS
M 120/277V	BLANK 0-10V 1% Dimming Driver (included standard)	12EBL 1200 Lumen Emergency Ballast
	CD5 0-10V 5% to Off Dimming Driver	AH Allenhead Screws with Center Pin Reject
	EDN Electronic Driver Non-Dimming	LN LED Night Light
	FLDD Fifth Light Dali, Dimming	FZ Fuse Holder
	LDE1 Lutron Hi-lume 1% EcoSystem LED driver with Soft-on, Fade-to-Black dimming technology	UV .005 UV Absorbing Overlay
		PF Plaster Frame & Yoke
		CB Cross Bar
		90 90 CRI
		VDO Lutron Vive Integral RF controller (with daylight and occupancy sensing)
		BAECR Continuous Run Ready (Knockouts on End Caps)
		WL Wet Location*

*For Wet Location, pick-proof sealant caulk must be used.

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DIMENSIONS

