



BAE

Surface Mount LED Prison Grade



STANDARD

OPTIONAL



Output	Delivered Lumens	System Wattage	L70 @20C (hrs)
SL	4650	33	>100K
ML	7974	57	>100K
HL	11150	80	>100K
SM	12040	86	>100K
MM	13016	93	>100K
HM	15728	112	>100K
SH	16500	118	>100K
MH	20000	143	>100K
HH	25000	179	>100K

* Delivered Lumens shown were tested with 4000K LEDs and ASR (asymmetric/symmetric grid) lens.

Approximate Color Temperature Multiplier	
5000K	1.03
4000K	1
3500K	0.97
3000K	0.94
2700K	0.91

SPECIFICATIONS

DESCRIPTION

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. Allen-head 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.

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

Series	CCT	Illumination Level*	Housing
BAE2 2'	27 2700K	SL Standard Low	B12 Cold Roll 12 Gauge Steel
BAE4 4'	30 3000K	ML Medium Low	B14 Cold Roll 14 Gauge Steel
	35 3500K	HL High Low	B16 Cold Roll 16 Gauge Steel
	40 4000K	SM Standard Medium	B18 Cold Roll 18 Gauge Steel
	50 5000K	MM Medium Medium	B20 Cold Roll 20 Gauge Steel
		HM High Medium	SH12 Stainless Steel 12 Gauge
		SH Standard High	SH14 Stainless Steel 14 Gauge
		MH Medium High	SH16 Stainless Steel 16 Gauge
		HH High High	SH18 Stainless Steel 18 Gauge
			SH20 Stainless Steel 20 Gauge

SERIES NO. CONTINUED...

*BAE2 - 2' only available up to HM

Outer Lens		Inner Lens	
N	No Lens	N	No Lens
125P	.125 Clear Polycarbonate	125C	.125 Prismatic Acrylic
156P	.156 Clear Polycarbonate	156C	.156 Prismatic Acrylic
187P	.187 Clear Polycarbonate	CP25	.125 Prismatic Polycarbonate
250P	.250 Clear Polycarbonate	CP87	.187 Prismatic Polycarbonate
375P	.375 Clear Polycarbonate	TG	.156 Prismatic Tempered Glass
F1	.187 Clear Tempered Glass	G2	.140 DR Acrylic
G1	.250 Clear Tempered Glass	H2	.125 White Frosted Polycarbonate
H1	.375 Clear Tempered Glass	FA	.125 Frosted Acrylic

SERIES NO. CONTINUED...

Voltage	Driver	Options
M 120/277V	BLANK 0-10V 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
	LDE5 Lutron LDE5 5-Series Ecosystem 5% Dimming	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)



DIMENSIONS

