

SURFACE MOUNTED

BAFE

CORRECTIONAL GRADE



Our BAFE includes an extension ring at the end of the fixture.



Pick-proof caulk required.

The **BAFE** combines maximum security construction features with energy saving technology. ETL listed for damp locations; optional wet location under covered ceiling. This surface mounted luminaire utilizes a one-piece housing, security lensing, removeable gear tray, and tamper resistant fasteners to maximize impact resistance and prevent contraband concealment and unauthorized fixture penetration. Die-formed body is available in various material options with an Ligature Resistant design with extended mounted extension ring continuously seamed welded to the body and ground to form a one piece seamless housing. The BAFE is ideal for confinement/security applications. Suitable for use in inmate cells, behavioral health, secure corridors and general population areas.

HOUSING: It has a die-formed body in various material options available, Ligature Resistant with an extended mounted extension ring design continuously welded in the body and ground ends to form a one piece, seamless housing for maximum impact resistance and prevention of unauthorized fixture penetration.

DOOR: Doors to a one-piece door frame with die-formed edges and tightly closed to increase rigidity. T20 TORX screws are standard. Allen-head screws with center reject pin are optional. Door is attached to the housing with a heavy duty stainless steel piano hinge with a concealed pin to prevent tampering.

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

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

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

OPTICAL SYSTEM: Choice of prismatic acrylic, prismatic polycarbonate or prismatic tempered glass on fixture side, clear polycarbonate or clear tempered glass on environmental side. Lens secured by thru-studs and vertically adjustable internal CRS hold-downs.

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

LISTINGS: ETL listed for damp locations. IP65 certified for wet location applications.

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

SEE FOLLOWING PAGES FOR ORDERING INFORMATION

ORDERING INFORMATION

Example: BAFE-12-40-SL-INS-B18-B18-187P-FA-M-LN

SERIES		SERIES		CCT		ILLUMINATION LEVEL		DOOR TYPE		HOUSING MATERIAL		DOOR MATERIAL	
BAFE	12	1x2	27	2700K	1x2 2x4 XX	2L	2000 Lumens	INS	Inset Door	B12	12 Gauge Cold Roll Steel	B12	12 Gauge Cold Roll Steel
	14	1x4	30	3000K		4L	4000 Lumens			B16	16 Gauge Cold Roll Steel	B16	16 Gauge Cold Roll Steel
	35	3500K	7L	7000 Lumens		B18	18 Gauge Cold Roll Steel	B18	18 Gauge Cold Roll Steel				
	40	4000K	11L	11000 Lumens		SH14	14 Gauge Stainless Steel	SH14	14 Gauge Stainless Steel				
	50	5000K	12L	12000 Lumens		SH16	16 Gauge Stainless Steel	SH16	16 Gauge Stainless Steel				
	13L	13000 Lumens	SH18	18 Gauge Stainless Steel		SH18	18 Gauge Stainless Steel						
	15L	15000 Lumens	SHB14	14 Gauge Stainless Steel (Brushed)		SHB14	14 Gauge Stainless Steel (Brushed)						
	16L	16000 Lumens	SHB16	16 Gauge Stainless Steel (Brushed)		SHB16	16 Gauge Stainless Steel (Brushed)						
	20L	20000 Lumens	SHP16	16 Gauge Stainless Steel (Painted 304)		SHP16	16 Gauge Stainless Steel (Painted 304)						
	25L	25000 Lumens	SHB18	18 Gauge Stainless Steel (Brushed)		SHB18	18 Gauge Stainless Steel (Brushed)						
	30L	30000 Lumens											
	XX	Custom Lumens											

INNER LENS		OUTER LENS		VOLTAGE		DRIVER		OPTIONS	
N	No Lens	125P	.125 Clear Polycarbonate	M	Multi-Volt (120-277V)	BLANK	0-10V 1% Dimming Driver (included standard)	14EBL	1400 Lumen Emergency Ballast
SY	Symmetric Diffused Frosted DR Acrylic	156P	.156 Clear Polycarbonate					AH	Allenhead Screws with center pin reject
FA	Frosted Acrylic	187P	.187 Clear Polycarbonate			CD5	0-10V 5% to Off Dimming Driver	LN	LED Night Light
PA125	.125 Prismatic Acrylic (inverted)	250P	.250 Clear Polycarbonate			LDE1	Lutron Hi-lume 1% EcoSystem LED driver with Soft-on, Fade-to-Black dimming technology	FZ	Fuse Holder
PP125	.125 Prismatic Polycarbonate (inverted)	375P	.375 Clear Polycarbonate					90	90 CRI
125P	.125 Clear Polycarbonate	CTG187	.187 Clear Tempered Glass					VDO	Lutron Vive Integral RF controller with daylight and occupancy sensing.
		CTG250	.250 Clear Tempered Glass					AM	Anti-Microbial Paint
		CTG375	.375 Clear Tempered Glass					NLP	Potentiometer night light option

Dimensions on Next Page ►

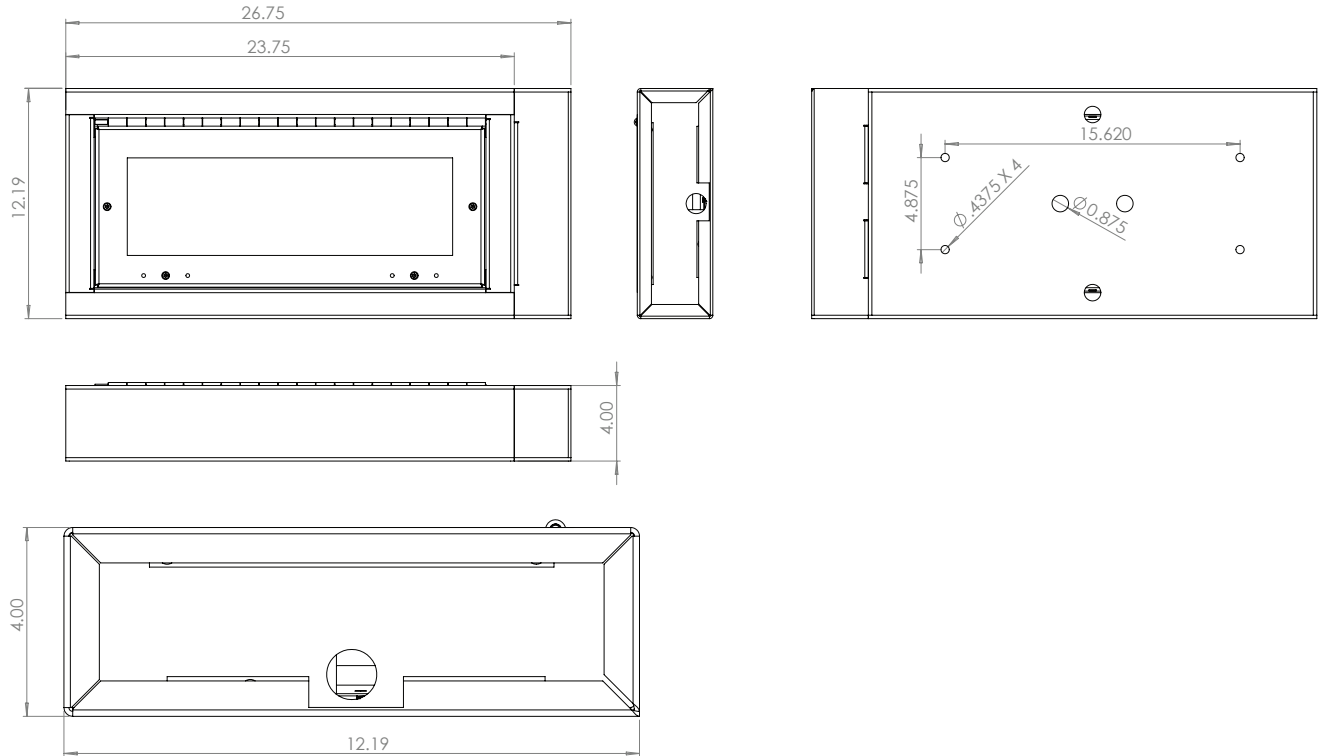
ENERGY AND PERFORMANCE DATA

INPUT VOLTAGE:	120/277VAC
SYSTEM INPUT POWER:	25.0 - 156.3 WATTS*
DELIVERED LUMEN OUTPUT:	4000 - 25000 LUMENS
STANDARD DIMMING CONTROL:	0-10V
CCT:	3000, 3500, 4000, 5000 KELVIN
CRI:	80 (MINIMUM)
LIFE TIME RATING:	>100,000 HRS @ L70
INPUT FREQUENCY:	50/60 HZ
POWER FACTOR:	>0.9
OPERATING TEMP:	-30° TO 50° C

OUTPUT	DELIVERED LUMENS	WATTS	L70 @20C (HRS)
4L	4000 LUMENS	25.0	>100K
7L	7000 LUMENS	43.8	>100K
11L	11000 LUMENS	68.8	>100K
12L	12000 LUMENS	75.0	>100K
13L	13000 LUMENS	81.3	>100K
15L	15000 LUMENS	93.8	>100K
16L	16000 LUMENS	100.0	>100K
20L	20000 LUMENS	125.0	>100K
25L	25000 LUMENS	156.3	>100K

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

BAFE 1x2



BAFE 1x4

