

BAFE SURFACE MOUNT LED PRISON GRADE

- WIDE VARIETY OF ONE-PIECE HOUSING MATERIALS
- TAMPER RESISTANT HARDWARE
- DIMMABLE NIGHT LIGHT
- REMOVABLE GEAR TRAY



- ① BODY EXTENSION RING WELDED TO FIXTURE WITH SEAMS GROUND SMOOTH. RING SHALL BE 12 GAUGE TO MATCH FIXTURE BODY. RING IS PROVIDED TO AID IN ALIGNMENT OF CONDUIT ENTRY TO ENSURE NO CONDUIT IS EXPOSED IN THE DETENTION CELL. ALIGN THIS SIDE OF FIXTURE TO CHASE WALL.
- ② SINGLE PIECE WELDED AND GROUND SMOOTH DOOR FRAME INSET INTO BODY TO LIMIT ACCESS TO DOOR EDGES FOR PRYING.
- ③ STAINLESS HINGE WITH CAPTIVE HINGE PIN TO PREVENT TAMPERING.
- ④ STAINLESS STEEL TAMPERPROOF PIN REJECT TORX FASTENERS FOR SECURING DOOR TO FRAME.

DESCRIPTION

The **BAFE** combines maximum security construction features with energy saving technology. UL 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 anti-ligature 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, psychiatric wards, secure corridors and general population areas.

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.

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

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

HOUSING: It has a die-formed body in various material options available, anti-ligature 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.

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.

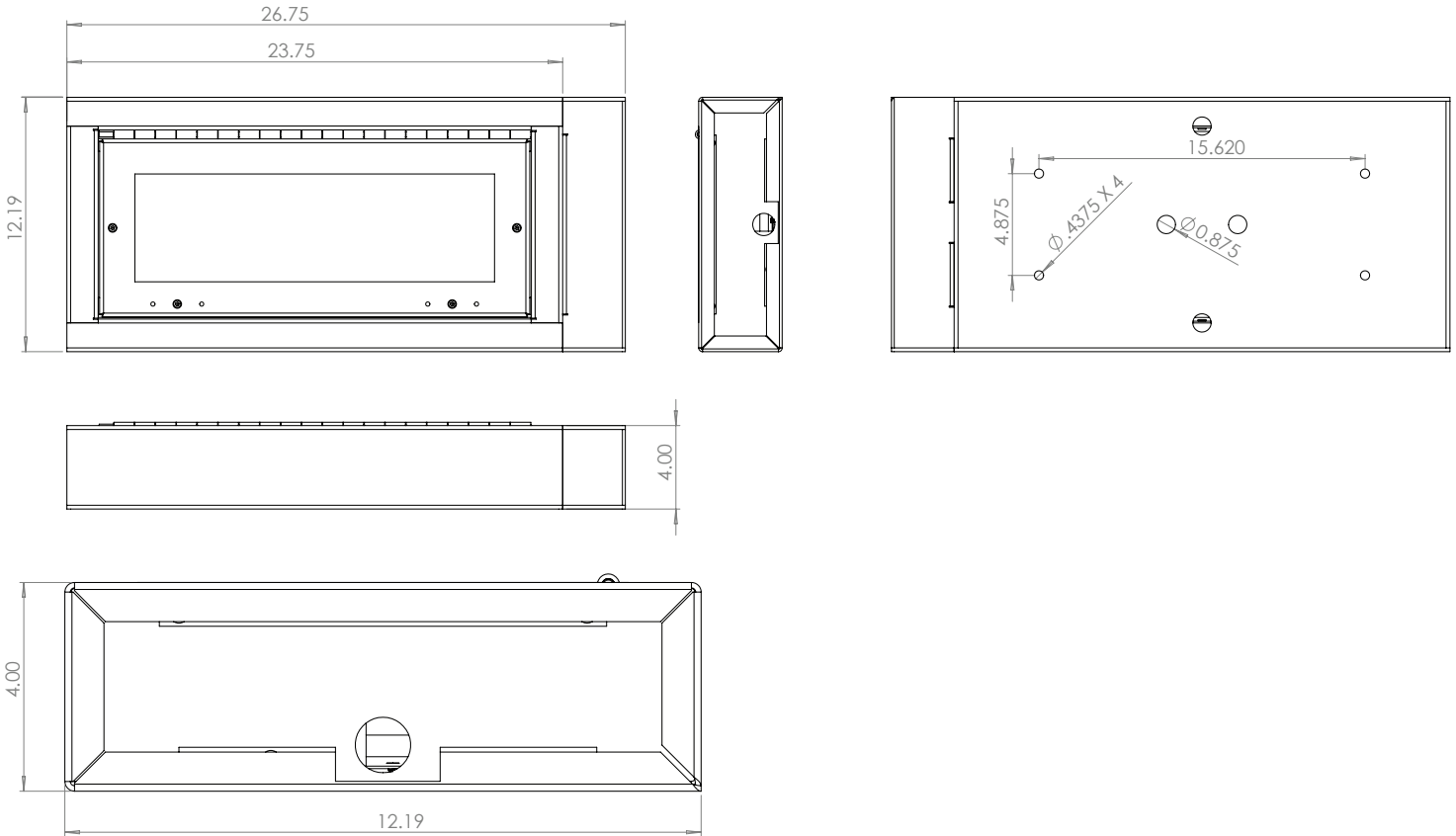
DOOR: Doors to a one-piece door frame with die-formed edges and tightly closed to increase rigidity. T20 TORX screws are standard. Allen-head screws with center reject pin are optional. Door is attached to the housing with a heavy duty stainless steel piano hinge with a concealed pin to prevent tampering.

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

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

SEE FOLLOWING PAGES FOR ORDERING INFORMATION

BAFE 1x2



ORDERING INFORMATION

Example: BAFE12_27_SL_INS_B12_SHB14_250P_PA156_M_CD5_AH

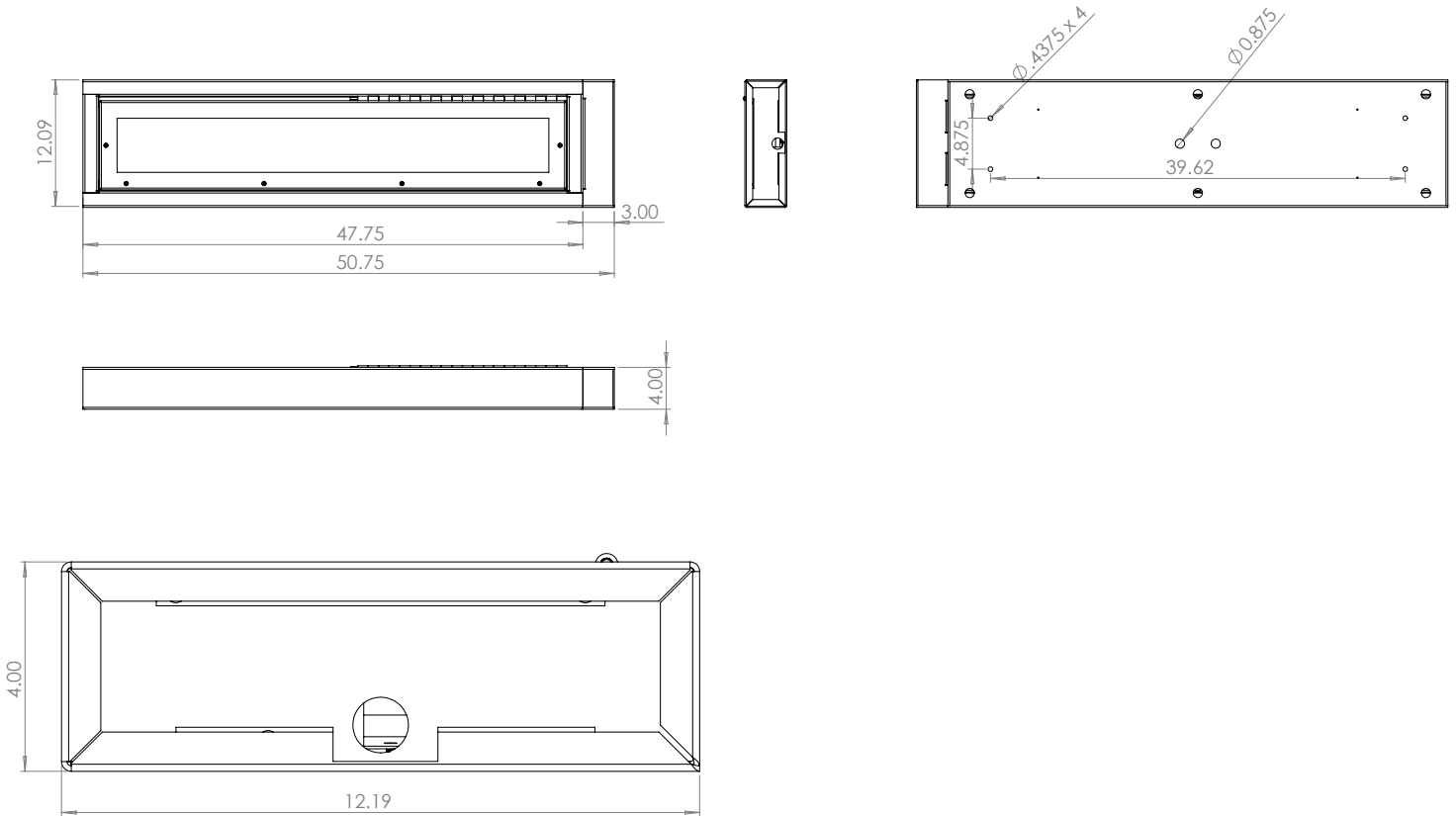
SERIES	CCT	ILLUMINATION LEVEL	DOOR TYPE	HOUSING MATERIAL	DOOR MATERIAL
BAFE12 1X2	27 2700K	SL Standard Low (4660L)	INS Inset Door	B12 12 Gauge Cold Roll Steel	B12 12 Gauge Cold Roll Steel
	30 3000K	ML Medium Low (7519L)	OVL Overlap Door	B16 16 Gauge Cold Roll Steel	B16 16 Gauge Cold Roll Steel
	35 3500K			B18 18 Gauge Cold Roll Steel	B18 18 Gauge Cold Roll Steel
	40 4000K			SH14 14 Gauge Stainless Steel	SH14 14 Gauge Stainless Steel
	50 5000K			SH16 16 Gauge Stainless Steel	SH16 16 Gauge Stainless Steel
				SH18 18 Gauge Stainless Steel	SH18 18 Gauge Stainless Steel
				SHB14 14 Gauge Stainless Steel (Brushed)	SHB14 14 Gauge Stainless Steel (Brushed)
				SHB16 16 Gauge Stainless Steel (Brushed)	SHB16 16 Gauge Stainless Steel (Brushed)
				SHB18 18 Gauge Stainless Steel (Brushed)	SHB18 18 Gauge Stainless Steel (Brushed)

Consult with factory for unit specific lumen options

OUTER LENS	INNER LENS	VOLTAGE	DRIVER	OPTIONS
125P .125 Clear Polycarbonate	PA125 .125 Prismatic Acrylic	M Multi-Volt (120-277V)	BLANK 0-10V 1% Dimming Driver (included standard)	12EBL 1200 Lumen Emergency Ballast
156P .156 Clear Polycarbonate	PA156 .156 Prismatic Acrylic		CD5 0-10V 5% to Off Dimming Driver	AH Allenhead Screws with center pin reject
187P .187 Clear Polycarbonate	FA .125 Frosted Acrylic		EDN Electronic Driver Non-Dimming	LN LED Night Light
250P .250 Clear Polycarbonate	PP156 .156 Prismatic Polycarbonate		FLDD Fifth Light Dali, Dimming	FZ Fuse Holder
375P .375 Clear Polycarbonate	PP187 .187 Prismatic Polycarbonate		LDE1 Lutron Hi-lume 1% EcoSystem LED driver with Soft-on, Fade-to-Black dimming technology	90 90 CRI
CTG187 .187 Clear Tempered Glass	CTG/PA .156 Prismatic Tempered Glass		LDES Lutron LDE5 5-Series Ecosystem 5% Dimming	VDO Lutron Vive Integral RF controller with daylight and occupancy sensing.
CTG250 .250 Clear Tempered Glass	SY Symmetric Diffused DR Acrylic			AM Anti-Microbial Paint
CTG375 .375 Clear Tempered Glass				NLP Potentiometer night light option

Other options may be available. Consult with your factory representative.

BAFE 1x4



ORDERING INFORMATION

Example: BAFE14_27_SL_INS_B12_SHB14_250P_PA156_M_CD5_AH

SERIES	CCT	ILLUMINATION LEVEL	DOOR TYPE	HOUSING MATERIAL	DOOR MATERIAL
BAFE14 1X4	27 2700K	SL Standard Low (4660L)	INS Inset Door	B12 12 Gauge Cold Roll Steel	B12 12 Gauge Cold Roll Steel
	30 3000K	ML Medium Low (7519L)	OVL Overlap Door	B16 16 Gauge Cold Roll Steel	B16 16 Gauge Cold Roll Steel
	35 3500K	HL High Low (10,210L)		B18 18 Gauge Cold Roll Steel	B18 18 Gauge Cold Roll Steel
	40 4000K	SM Standard Medium (12,024L)		SH14 14 Gauge Stainless Steel	SH14 14 Gauge Stainless Steel
	50 5000K	MM Medium Medium (13,350L)		SH16 16 Gauge Stainless Steel	SH16 16 Gauge Stainless Steel
		HM High Medium (15,255L)		SH18 18 Gauge Stainless Steel	SH18 18 Gauge Stainless Steel
		SH Standard High (16,561L)		SHB14 14 Gauge Stainless Steel (Brushed)	SHB14 14 Gauge Stainless Steel (Brushed)
				SHB16 16 Gauge Stainless Steel (Brushed)	SHB16 16 Gauge Stainless Steel (Brushed)
				SHB18 18 Gauge Stainless Steel (Brushed)	SHB18 18 Gauge Stainless Steel (Brushed)

Consult with factory for unit specific lumen options

OUTER LENS		INNER LENS		VOLTAGE		DRIVER		OPTIONS	
125P	.125 Clear Polycarbonate	PA125	.125 Prismatic Acrylic	M	Multi-Volt (120-277V)	BLANK	0-10V 1% Dimming Driver (included standard)	12EBL	1200 Lumen Emergency Ballast
156P	.156 Clear Polycarbonate	PA156	.156 Prismatic Acrylic			CD5	0-10V 5% to Off Dimming Driver	AH	Allenhead Screws with center pin reject
187P	.187 Clear Polycarbonate	FA	.125 Frosted Acrylic			EDN	Electronic Driver Non-Dimming	LN	LED Night Light
250P	.250 Clear Polycarbonate	PP156	.156 Prismatic Polycarbonate			FLDD	Fifth Light Dali, Dimming	FZ	Fuse Holder
375P	.375 Clear Polycarbonate	PP187	.187 Prismatic Polycarbonate			LDE1	Lutron Hi-lume 1% EcoSystem LED driver with Soft-on, Fade-to-Black dimming technology	90	90 CRI
CTG187	.187 Clear Tempered Glass	CTG/PA	.156 Prismatic Tempered Glass			LDES	Lutron LDE5 5-Series Ecosystem 5% Dimming	VDO	Lutron Vive Integral RF controller with daylight and occupancy sensing.
CTG250	.250 Clear Tempered Glass	SY	Symmetric Diffused DR Acrylic					AM	Anti-Microbial Paint
CTG375	.375 Clear Tempered Glass							NLP	Potentiometer night light option

Other options may be available. Consult with your factory representative.