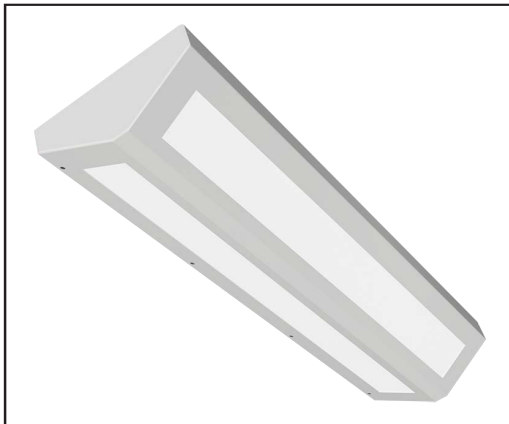


BAX

Surface Ceiling 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

Delivered Lumens shown were tested with 4000K LEDs

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

DESCRIPTION

The BAX is a surface ceiling mount available in 1'x2' and 1'x4' nominal sizes. This surface mounted luminaire utilizes a one-piece housing, security lensing and tamper-resistant fasteners to maximize impact resistance and prevent contraband concealment and unauthorized fixture penetration. Internal Security Hinge allows for fixture maintenance while preventing access to the fixture, as well as preventing weapon fabrication from an exposed hinge. The BAX is ideal for confinement/security applications. Suitable for use in Psychiatric Wards, Public Housing, Detention Centers, Transportation, Athletic Facilities, and more. Perfect for minimum to maximum security confinement.

FASTENERS

Stainless steel tamper-resistant T20 TORX screws are standard. Allen-head screws with center reject pin are optional.

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. Wet location option available.

FINISH

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

BACKPLATE

Die-formed 14 gauge cold roll steel backplate.

HOUSING

Die-formed body in various material options with continuous welded 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.

INTERNAL HINGE

Internal Security Hinge allows for fixture maintenance while preventing access to the fixture, as well as preventing weapon fabrication from an exposed hinge.

WARRANTY

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

ORDERING INFORMATION

Example: BAX14-40-HL-B14-187P-PA125-M

Series	CCT	illumination Level	Housing
BAX12 1x2	27 2700K	SL Standard Low	B14 14 Gauge Cold Roll Steel
BAX14 1x4	30 3000K	ML Medium Low	B16 16 Gauge Cold Roll Steel
	35 3500K	HL High Low	SH14 14 Gauge Stainless Steel
	40 4000K	SM Standard Medium	SH16 16 Gauge Stainless Steel
	50 5000K	MM Medium Medium	SHB14 14 Gauge Stainless Steel (Brushed)
			SHB16 16 Gauge Stainless Steel (Brushed)

Outer Lens	Inner Lens	Voltage
125P .125 Clear Polycarbonate	N No Lens	M Multi-Volt (120-277V)
156P .156 Clear Polycarbonate	PA125 .125 Prismatic Acrylic	
187P .187 Clear Polycarbonate	PA156 .156 Prismatic Acrylic	
250P .250 Clear Polycarbonate	FA .125 Frosted Acrylic	
375P .375 Clear Polycarbonate	PP125 .125 Prismatic Polycarbonate	
CTG187 .187 Clear Tempered Glass	PP187 .187 Prismatic Polycarbonate	
CTG250 .250 Clear Tempered Glass	CTG/PA .156 Prismatic Tempered Glass	
CTG375 .375 Clear Tempered Glass	SY Symmetric Diffused DR Acrylic	

Driver	Options
BLANK 0-10V 1% Dimming Driver <i>(included standard)</i>	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	WL Wet Location
LDE5 Lutron LDE5 5-Series Ecosystem 5% Dimming	90 90 CRI
	VDO Lutron Vive Integral RF controller with daylight and occupancy sensing.
	FCJ50 Lutron Vive attached RF fixture controller 0-10V drivers
	AM Anti-Microbial Paint



DIMENSIONS

