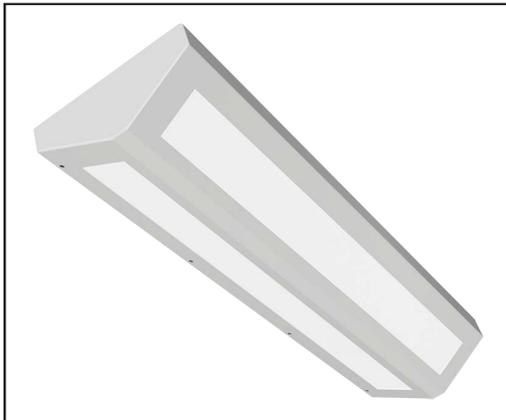


# BAX

Surface Ceiling Mount LED  
Prison Grade



STANDARD

OPTIONAL



PART#	DELIVERED LUMENS	WATTS	L70 @20C (HRS)
4.5L	4500 LUMENS	XX	>100K
8L	8000 LUMENS	XX	>100K
11L	11,000 LUMENS	XX	>100K
12L	12,000 LUMENS	X	>100K
13L	13,000 LUMENS	XX	>100K
16L	16,000 LUMENS	X	>100K

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](http://www.aelnow.com/warranty)

**ORDERING INFORMATION**

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

Series	CCT	illumination Level	Housing
<b>BAX12</b> 1x2	<b>27</b> 2700K	4.5L 4500 Lumens	<b>B14</b> 14 Gauge Cold Roll Steel
<b>BAX14</b> 1x4	<b>30</b> 3000K	8L 8000 Lumens	<b>B16</b> 16 Gauge Cold Roll Steel
	<b>35</b> 3500K	11L 11,000 Lumens	<b>SH14</b> 14 Gauge Stainless Steel
	<b>40</b> 4000K	12L 12,000 Lumens	<b>SH16</b> 16 Gauge Stainless Steel
	<b>50</b> 5000K	13L 13,000 Lumens	<b>SHB14</b> 14 Gauge Stainless Steel (Brushed)
		16L 16,000 Lumens	<b>SHB16</b> 16 Gauge Stainless Steel (Brushed)

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

Driver	Options
<b>BLANK</b> 0-10V 1% Dimming Driver <i>(included standard)</i>	<b>12EBL</b> 1200 Lumen Emergency Ballast
<b>CD5</b> 0-10V 5% to Off Dimming Driver	<b>AH</b> Allenhead Screws with center pin reject
<b>EDN</b> Electronic Driver Non-Dimming	<b>LN</b> LED Night Light
<b>FLDD</b> Fifth Light Dali, Dimming	<b>FZ</b> Fuse Holder
<b>LDE1</b> Lutron Hi-lume 1% EcoSystem LED driver with Soft-on, Fade-to-Black dimming technology	<b>WL</b> Wet Location
<b>LDE5</b> Lutron LDE5 5-Series Ecosystem 5% Dimming	<b>90</b> 90 CRI
	<b>VDO</b> Lutron Vive Integral RF controller with daylight and occupancy sensing.
	<b>FCJ50</b> Lutron Vive attached RF fixture controller 0-10V drivers
	<b>AM</b> Anti-Microbial Paint



## DIMENSIONS

