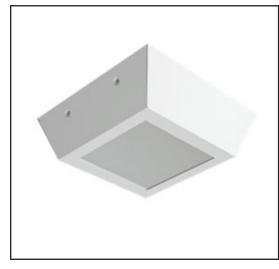




# BAS

Surface Mount LED Prison Grade





### SPECIFICATIONS

#### DESCRIPTION

The BAS LED combines maximum security construction with energy saving technology. The BAS is ideal for confinement/security applications. This surface mount luminaire is perfect for applications such as inmate cells, psychiatric wards, secure corridors and general population areas. UL listed for damp locations.

#### FASTENERS

Stainless steel tamper-resistant center pin TORX screws standard. Allenhead screws with center pin optional.

#### ELECTRICAL SYSTEM

Electronic driver 120-277V, standard 0-10V dimming. Long-life LED system rated for >100K hours (L70 @ 50°C). Complies with federal energy efficiency standards.

#### OPTICAL SYSTEM

Various lensing options available. Available with choice of inner and outer lenses, prismatic inner lens and clear outer lens recommended.

#### LISTINGS

UL and CUL listed for damp locations. Manufactured in the USA, BAA Compliant.

#### FINISH

The BAS is TGIC polyester powder coated white using a 5-stage pre-treatment. Consult factory for other finishes.

#### HOUSING

Clamshell housing combines one-piece die-formed, seamless, and door-less housing which maximizes impact resistance and prevents contraband concealment and unauthorized fixture penetration. Available in various materials and thickness. The corners are seam welded and smooth.

#### LED

2700K, 3000K, 3500K, 4000K and 5000K CCT LEDs, >82 CRI. 90 CRI available. Life is >100,000 hours at 70% lumen maintenance.

#### BACKPLATE

1/4" minimum die-formed blade trap is preventative against contraband concealment and access to the fixture. Embossed standoffs prevent distortion.

#### WARRANTY

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

Output	Delivered Lumens	System Wattage	L70 @50°C (hrs)		
S	4650	33	>100K		
М	7974	57	>100K		
Н	11150	80	>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					



CATALOG NUMBER

PROJECT

TYPE

## ORDERING INFORMATION Example: BAS-40-M-PA125-187P-B14-B14-M

SERIES	COLOR TEMP		OUTPUT		INNER LENS		OUTER LENS	
BAS	30	3000K	S	Standard	PA125	.125 Prismatic Acrylic	125P	.125 Clear Polycarbonate
	35	3500K	м	Medium	PP125	.125 Prismatic Polycarbonate	187P	.187 Clear Polycarbonate
	40	4000K	н	High	PP156	.156 Prismatic Polycarbonate	250P	.250 Clear Polycarbonate
	50	5000K			PP187	.187 Prismatic Polycarbonate	375P	.375 Clear Polycarbonate
					TG	.156 Prismatic Tempered Glass	500P	.500 Clear Polycarbonate
					FA	.125 Frosted Acrylic	F1	.187 Clear Tempered Glass
					S	.080 Satin Acrylic	G1	.250 Clear Tempered Glass
							H1	.375 Clear Tempered Glass
							11	.500 Clear Tempered Glass

	HOUSING		BACKPLATE
B12	12 Gauge Cold Roll Steel (White)	B12	12 Gauge Cold Roll Steel (White)
B14	14 Gauge Cold Roll Steel (White)	B14	14 Gauge Cold Roll Steel (White)
B16	16 Gauge Cold Roll Steel (White)	B16	16 Gauge Cold Roll Steel (White)
B18	18 Gauge Cold Roll Steel (White)	B18	18 Gauge Cold Roll Steel (White)
B20	20 Gauge Cold Roll Steel (White)	B20	20 Gauge Cold Roll Steel (White)
SH14	14 Gauge Stainless Steel (White)	SH14	14 Gauge Stainless Steel (White)
SH16	16 Gauge Stainless Steel (White)	SH16	16 Gauge Stainless Steel (White)
SH18	18 Gauge Stainless Steel (White)	SH18	18 Gauge Stainless Steel (White)
SH20	20 Gauge Stainless Steel (White)	SH20	20 Gauge Stainless Steel (White)
SHB14	14 Gauge Stainless Steel (Brushed)		
SHB16	16 Gauge Stainless Steel (Brushed)		

DRIVER	VOLTAGE		OPTIONS		
Blank0-10V Dimming Driver (included standard)CD10-10V 1% to Off Dimming DriverCD50-10V 5% to Off Dimming DriverEDNElectronic Driver Non-DimmingFLDDFifth Light Dali, DimmingLDE1Lutron Hi-lume 1% EcoSystem LED driver with Soft-on, Fade-to-Black dimming technology	м	120/277V	12EBL NTP AH LN FZ 90	1200 Lumen Emergency Ballast Non-tamper Proof Fasteners (Phillips-head screws) Allen Head Screws With Center Reject LED Night Light (Consult Factory for Available Colors/Temps) Fuse & Holder 90 CRI	

