Advantage.
Environmental Lighting

BAN
Wall Mount LED Prison Grade

STANDARD	OPTIONAL
UL · PROUDLY MADE IN USA	☀LUTRON

10.25"

7.00"
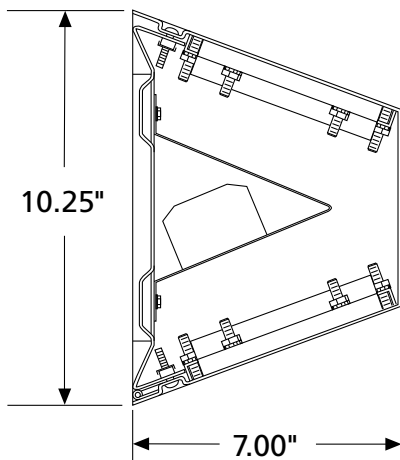
DESCRIPTION
The BAN LED combines maximum security construction with energy saving technology. The BAN utilizes one piece clamshell housing as well as security lensing and tamper resistant fasteners for impact resistance and prevent contraband concealment and unwanted fixture penetration. The BAN is ideal for confinement/security applications. Suitable for use in inmate cells, psychiatric wards, secure corridors and general population areas.

FASTENERS
Stainless steel tamper-resistant center pin TORX screws standard. Allen-head screws with center pin optional.

ELECTRICAL SYSTEM
0-10V Dimming Driver included standard. Long-life LED system rated for >100K life hours (L70 @ 25°C). Complies with federal energy efficiency standards.

OPTICAL SYSTEM
Various choice of inner and outer lenses. If additional options are needed, please consults factory.

LISTINGS
UL listed for damp locations.

FINISH
The BAN is TGIC polyester powder coated with 5-stage pre-treatment and salt spray tested: 1,000 hours; Reflectance: 92%.

HOUSING
Clamshell design combines one-piece die-formed, seamless, door-less housing which maximizes impact resistance and prevents contraband concealment and unauthorized fixture penetration.

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

BACKPLATE
Die-formed blade trap (1/4" minimum) prevents contraband concealment and access. 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 @20C (hrs)
SL	4650	33	>100K
ML	7974	57	>100K
HL	11150	80	>100K
SM	12040	86	>100K
MM	13016	93	>100K
HM	15728	112	>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

SERIES		COLOR TEMP		OUTPUT		ILLUMINATION DISTRIBUTION UP/DOWN		INNER LENS	
BAN2	2'	30	3000K	SL	Standard Low	100/0	100 up, 0 down	125C	.125 Pris. Acrylic
BAN4	4'	35	3500K	ML	Medium Low	90/10	90 up, 10 down	CP25	.125 Pris. Poly.
		40	4000K	HL	High Low	80/20	80 up, 20 down	CP56	.156 Pris. Poly.
		50	5000K	SM	Standard Medium	70/30	70 up, 30 down	CP87	.187 Pris. Poly.
				MM	Medium Medium	60/40	60 up, 40 down	TG	. 156 Pris. Temp. Glass
				HM	High Medium	50/50	50 up, 50 down	FA	.125 Frosted Acrylic
						40/60	40 up, 60 down		
						30/70	30 up, 70 down		
						20/80	20 up, 80 down		
						10/90	10 up, 90 down		
						0/100	0 up, 100 down		

OUTER LENS		HOUSING		BACKPLATE	
125P	.125 Clear poly.	B12	Cold Roll 12 Gauge Steel	B12	Cold Roll 12 Gauge Steel
187P	.187 Clear Poly.	B14	Cold Roll 14 Gauge Steel	B14	Cold Roll 14 Gauge Steel
25P	.250 Clear Poly.	B16	Cold Roll 16 Gauge Steel	B16	Cold Roll 16 Gauge Steel
37P	.375 Clear Poly.	B18	Cold Roll 18 Gauge Steel	B18	Cold Roll 18 Gauge Steel
5P	.5 Clear Poly.	B20	Cold Roll 20 Gauge Steel	B20	Cold Roll 20 Gauge Steel
F1	.187 Clear Temp.Glass	SH14	Stainless Steel 14 Gauge	SH14	Stainless Steel 14 Gauge
G1	.250 Clear Temp.Glass	SH16	Stainless Steel 16 Gauge	SH16	Stainless Steel 16 Gauge
H1	.375 Clear Temp.Glass	SH18	Stainless Steel 18 Gauge	SH18	Stainless Steel 18 Gauge
I1	.500 Clear Temp.Glass	SH20	Stainless Steel 20 Gauge	SH20	Stainless Steel 20 Gauge
		SH14B	Stainless Steel 14 Gauge (Brushed)		
		SH16B	Stainless Steel 16 Gauge (Brushed)		

DRIVER		VOLTAGE		OPTIONS	
BLANK*	0-10V Dimming Driver (included standard)	M	120/277V	12EBL	1200 Lumen Emergency Ballast
CD1	0-10V 1% to off Dimming Driver			TP	Non-tamper Proof Fasteners Phillips-head screws)
CD5	0-10V 5% to off Dimming Driver			AH	Allen Head Screws With Center Reject
EDN	Electronic Driver Non-Dimming			LN	LED Night Light. Consult Factory for
FLDD	Fifth Light Dali, Dimming				Available Colors & Temperatures
LDE1	Lutron Hi-lume 1% EcoSystem LED driver with			FZ	Fuse Holder
	Soft-on, Fade-to-Black dimming technology			90	90 CRI
LDE5	Lutron LDE5 5-Series Ecosystem 5% Dimming			FLH	Full Length Internal Hinge
				RT	Removable Gear Tray
				CL/R*	Convenience Outlet (L = Left, R = Right)
				GFOL/R*	Ground Fault Outlet (L = Left, R = Right)
				RSL/R*	Recessed Push Switch (L = Left, R = Right)
				SEL/R*	Speaker Hsg Extension (L = Left, R = Right)
				TSL/R*	Touch Control Switch (L = Left, R = Right)
				WL	Wet Location
				VDO	Lutron Vive integral fixture controller
					(RF with daylight and occupancy sensing)
				FCJS0	Lutron Vive attached RF controller
					for 0-10V drivers

* = please choose either L for LEFT or R for RIGHT to choose what side of the fixture you would like the adder to be on.

MOUNTING DIMENSIONS

BAN2

28.75"
24"
10.25"
5"
2.00" Wiring Hole
.62" Mounting Holes

BAN4

52.75"
48"
24"
10.25"
5"
2.00" Wiring Hole
.62" Mounting Holes