

SURFACE MOUNTED BASNAT

NATATORIUM



The **BASNAT** LED combines maximum security construction with energy saving technology. The BASNAT is ideal for security applications that require an IP65 surface mount fixture. This surface mount luminaire is a great fixture for facilities like a natatorium or any environment where moisture vapor is higher than normal, and/or corrosive airborne materials such as chlorine or salt is present.

CONSTRUCTION: Housing and doorframe available in stainless steel or aluminum. Available in various materials and thickness. The corners are seam welded and smooth. Fixture is gasketed to provide an IP65 rating. LED 2700K, 3000K, 3500K, 4000K and 5000K CCT LEDs, >82 CRI. 90 CRI available. Life is >100,000 hours at 70% lumen maintenance.

FASTENERS: Stainless steel tamper-resistant center pin TORX screws standard.

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: ETL and cETL listed for wet locations. IP65 rating. Manufactured in the USA, BAA and BABA Compliant.

FINISH: The BASNAT is TGIC polyester powder coated white using a 5-stage pretreatment. Consult factory for other finishes.

NATATORIUM OPTION: Includes all the standard options, plus stainless-steel fasteners and a multi-step degrease and phosphate cleaning process that includes deoxidizing and etching. This is followed by an a super epoxy finish with a very high chemical resistance. This finish is specifically designed for these environments.

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

Ordering Information on Next Page ►



ORDERING INFORMATION: Example: BASNAT-40-5L-SHP18-FA-125P-M-NAT

SERIES		CCT		OUTPUT		HOUSING / DOOR MATERIAL		INNER LENS	
BASNAT		30	3000K	2L	2000 Lumens (standard)	ALH	.063" Aluminum Standard (Painted)	N	No Lens
		35	3500K	3L	3000 Lumens (medium)	SHP18	18 Gauge Stainless Steel (Painted 304)	SY	Symmetric Diffused Frosted DR Acrylic
		40	4000K			SHP186	18 Gauge Stainless Steel (Painted 316)	FA	Frosted Acrylic
		50	5000K	5L	5000 Lumens (high)	SHB18	18 Gauge Stainless Steel (Brushed 304)	PA125	.125 Prismatic Acrylic (inverted)
				6L	6000 Lumens (very high)	SHB186	18 Gauge Stainless Steel (Brushed 316)	PP125	.125 Prismatic Polycarbonate (inverted)
				XXXL	Custom Lumens			125P	.125 Clear Polycarbonate
OUTER LENS		VOLTAGE		DRIVER		OPTIONS			
25P	.125 Clear Polycarbonate	M	120/277V	BLANK	0-10V 1% Dimming Driver (included standard)	14EBL	14 Watt Emergency Ballast		
56P	.156 Clear Polycarbonate			CD1	0-10V 1% to Off Dimming Driver	NTP	Non-tamper Proof Fasteners (Phillips-head screws)		
87P	.187 Clear Polycarbonate			CD5	0-10V 5% to Off Dimming Driver	LN	LED Night Light (Consult Factory for Available Colors/Temps)		
50P	.250 Clear Polycarbonate			DALI	1% Dimming Driver	FZ	Fuse & Holder		
75P	.375 Clear Polycarbonate			LDE1	Lutron Hi-lume 1% EcoSystem LED driver with Soft-on, Fade-to-Black dimming technology	90	90 CRI		
00P	.500 Clear Polycarbonate					NAT	NATATORIUM: EPOXY paint and stainless steel fasteners		
187	.187 Clear Tempered Glass								
250	.250 Clear Tempered Glass								
375	.375 Clear Tempered Glass								
500	.500 Clear Tempered Glass								

Other options and configurations are available. Consult factory for details.

Dimensions on Next Page ►

ENERGY AND PERFORMANCE DATA

INPUT VOLTAGE:	120/277VAC
SYSTEM INPUT POWER:	13.9 - 48.5 WATTS*
DELIVERED LUMEN OUTPUT:	2000 - 6000 LUMENS
STANDARD DIMMING CONTROL:	0-10V
CCT:	2700, 3000, 3500, 4000, 5000 KELVIN
CRI:	82 (MINIMUM)
LIFE TIME RATING:	>100,000 HRS @ L70
INPUT FREQUENCY:	50/60 HZ
POWER FACTOR:	>0.9
OPERATING TEMP:	-30° TO 50° C

*ACTUAL WATTAGE MAY DIFFER BY ±5% WHILE OPERATING 120/277V ±10%

PART#	DELIVERED LUMENS	WATTS	L70 @20C (HRS)
2L	2000	13.9	>100K
3L	3000	20.8	>100K
5L	5000	34.7	>100K
6L	6000	37.5	>100K

