

BAU

LED PRISON
GRADE SURFACE
CEILING MOUNT



The **BAU** is an impact resistant and vandal proof LED surface mount fixture designed to maintain efficient lighting in common areas, hallways, cafeterias, and other areas in correctional / behavioral health facilities.

CONSTRUCTION: 18-gauge cold roll steel housing. White TGIC polyester powdercoat with a 5-stage treatment provides long lasting, protective finish. Consult factory for additional color options. Torx® head screws with center pin fasteners secure the housing to the baseplate.

ELECTRICAL SYSTEM: Electronic driver 0-10V 1% dimming standard. Long-life LED system rated for >100K hours (L70 @ 45°C). Complies with federal energy efficiency standards. 3000k, 3500K, 4000K, and 5000K color temperatures available, with a CRI >82. 90 CRI is available as an option.

OPTICAL SYSTEM: One piece Injection molded polycarbonate drop lens coated with a proprietary treatment to retard yellowing in ultraviolet environments provides superior light dispersion and luminaire protection.

LISTINGS: ETL/cETL Listed. Manufactured in the USA, BAA compliant.

MOUNTING: Fixture provided with mounting holes on the housing. Optional knockouts on one or two sides for continuous run mounting.

GASKET: Closed cell gasket seals the lens and housing to the mounting surface.

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

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ORDERING INFORMATION:

Example: BAU-30-3L-B16-WHT-M

SERIES	CCT	OUTPUT	HOUSING MATERIAL	COLOR	VOLTAGE	OPTIONS
BAU	27 2700K 30 3000K 35 3500K 40 4000K 50 5000K	2L 2000 Lumens 3L 3000 Lumens 4L 4000 Lumens 5L 5000 Lumens XXXL Custom Lumens	B12 12 Gauge Cold Roll Steel B14 14 Gauge Cold Roll Steel B16 16 Gauge Cold Roll Steel B18 18 Gauge Cold Roll Steel B20 20 Gauge Cold Roll Steel SH14 14 Gauge Stainless Steel SH16 16 Gauge Stainless Steel SH18 18 Gauge Stainless Steel	WHT White (standard) BR Dark Bronze MB Matte Black S Silver	M 120/277V	14EBL 14 Watt Emergency Ballast 90 90 CRI FH Fuse & Holder KO1 KO on One Side KO2 KO on Two Sides

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:	12.5 - 31.3 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

APPROXIMATE COLOR TEMPERATURE MULTIPLIER

5000K	X	1.03
4000K	X	1
3500K	X	.97
3000K	X	.94
2700K	X	.91

PART#	DELIVERED LUMENS	WATTS	L70 @20C (HRS)
2L	2000	12.5	>100K
3L	3000	18.7	>100K
4L	4000	25.0	>100K
5L	5000	31.3	>100K

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

