

RECESSED BVR VANDAL RESISTANT



The **BVR** is an vandal-resistant luminaire which provides a safe and cost-effective LED lighting solution. The BVR is available in 1X4, 2x2 and 2x4 sizes. Also has available options such 90 CRI and a 14W emergency driver. IK10 rating is achieved by utilizing a housing of 20 gauge steel, an 18 gauge door, plus standard tamper-proof fasteners and a polycarbonate lens. All of these features allow this fixture to survive in the most challenging of environments.

HOUSING: Standard with 20 gauge cold roll steel. White TGIC polyester powder coat standard. If options needed are not listed, consult factory.

DOORFRAME: Standard with 18 gauge cold roll steel. White TGIC polyester powder coat standard, with optional anti-microbial white paint. T25 tamper resistant Torx fasteners are standard.

MOUNTING: Recessed grid or flange mounting, and vandal-resistant surface mounting kits are also available.

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

OPTICAL SYSTEM: A variety of lensing options are available to fit the needs of any application. If additional lensing options are needed, consult factory.

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.

LISTINGS: ETL and cETL approved. NSF compliant. BAA and BABA compliant.

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

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ORDERING INFORMATION:

Example: BVR-24-40-18L-G-PA125-125P-M-1-WL

SERIES	SIZE	CCT	ILLUMINATION LEVEL	MOUNTING	INNER LENS
BVR	14 1X4	27 2700K		G Grid	N No Lens
	22 2X2	30 3000K		F Flange	SY Symmetric Diffused Frosted DR Acrylic
	24 2X4	35 3500K		FK14VR 1' x 4' vandal resistant gasketed drywall framing kit. Ships with gasket to be applied in field. Cut out dimension 12.25" x 48.25"	FA Frosted Acrylic
		40 4000K		FK22VR 2' x 2' vandal resistant gasketed drywall framing kit. Ships with gasket to be applied in field. Cut out dimension 24.25" x 24.25"	PA125 .125 Prismatic Acrylic (inverted)
		50 5000K			PP125 .125 Prismatic Polycarbonate (inverted)
		ATTW Tunable White		FK24VR 2' x 4' vandal resistant gasketed drywall framing kit. Ships with gasket to be applied in field. Cut out dimension 24.25" x 48.25"	125P .125 Clear Polycarbonate
		2L 2000 Lumens			
		5L 5000 Lumens			
		7L 7000 Lumens			
		9L 9000 Lumens			
		11L 11000 Lumens			
		13L 13000 Lumens			
		15L 15000 Lumens			
18L 18000 Lumens					
20L 20000 Lumens					
24L 24000 Lumens					
30L 30000 Lumens					
XX Custom Lumens					

OUTER LENS	VOLTAGE	DRIVER OPTIONS	CIRCUITS	OPTIONS
125P .125 Clear Polycarbonate	M Multi-Volt (120-277VAC) HV 347-480VAC	BLANK 0-10V Dimming Driver (included standard)	1 1 Circuit	14EBL 14 Watt Emergency Ballast
250P .250 Clear Polycarbonate		CD5 0-10V 5% to Off Dimming Driver	2 2 Circuits	90 90 CRI
CPOL Clear .125 Polycarbonate Outer Lens		EDN Electronic Driver Non-Dimming		VDO Lutron Vive Integral Fixture Control (RF with Daylight and Occupancy Sensing)
CPOL250 Clear .250 Polycarbonate Outer Lens		DALI 1% Dali Dimming Driver		AHC Allen Head w/ Center Pin Reject
Other lens options available, consult factory.		LDE1 Lutron Hi-lume 1% EcoSystem LED driver with Soft-on, Fade-to-Black dimming technology		IS Internal Occupancy Sensor (Microwave)
		2TW1 2 Channel 0-10v Tunable White 1% Dimming Driver*		WL Wet Location
		2TWCS 2 Channel 0-10v Tunable White Dimming Driver Compatible with Casambi**		AM Antimicrobial Finish

*Prewired with Tunable White LED boards and (2) 0-10v drivers installed
**Prewired with Tunable White LED boards and Casambi ready fixture control

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:	25.0-192.25 WATTS*
DELIVERED LUMEN OUTPUT:	4000 - 30000 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

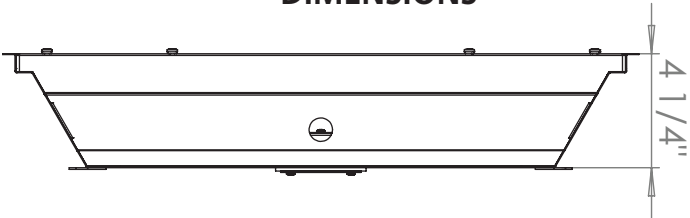
5000K	X	1.03
4000K	X	1
3500K	X	.97
3000K	X	.94
2700K	X	.91

PART#	LUMENS	WATTS	L70 @20C (HRS)
4L	4000 LUMENS	25.0	>100K
7L	7000 LUMENS	43.8	>100K
11L	11000 LUMENS	68.8	>100K
12L	12000 LUMENS	75.0	>100K
13L	13000 LUMENS	81.3	>100K
15L	15000 LUMENS	93.8	>100K
16L	16000 LUMENS	100.0	>100K
20L	20000 LUMENS	125.0	>100K
25L	25000 LUMENS	156.3	>100K
30L	30000 LUMENS	192.2	>100K

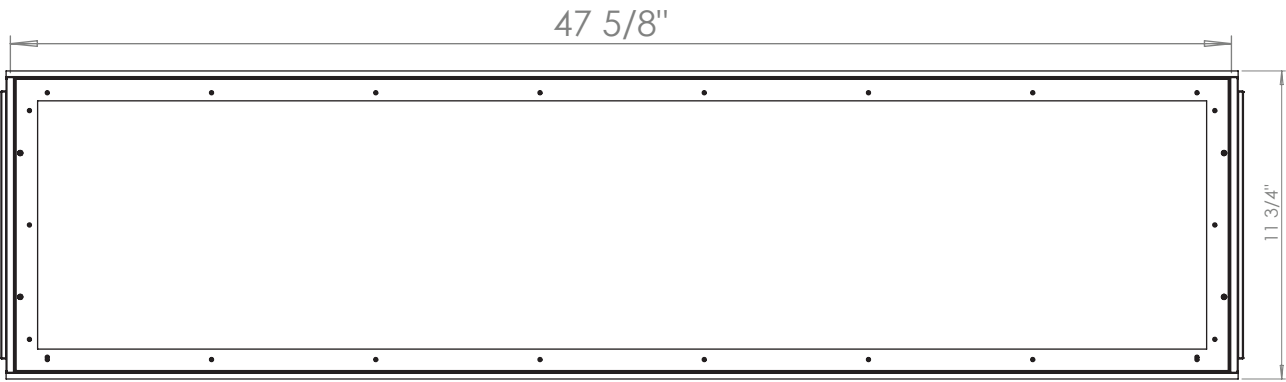
*ACTUAL WATTAGE MAY DIFFER BY ±5% WHILE OPERATING 120/277V ±10%

DIMENSIONS

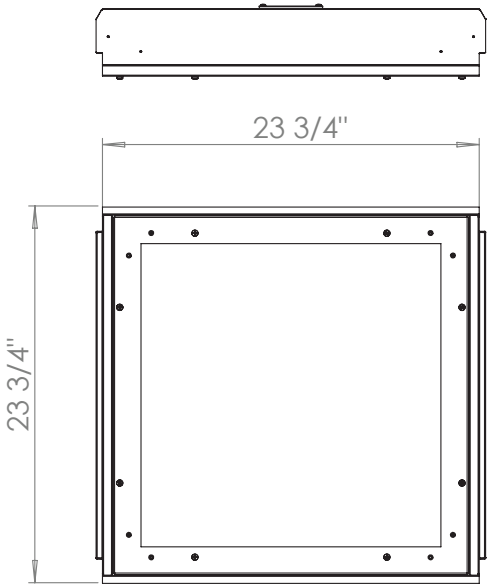
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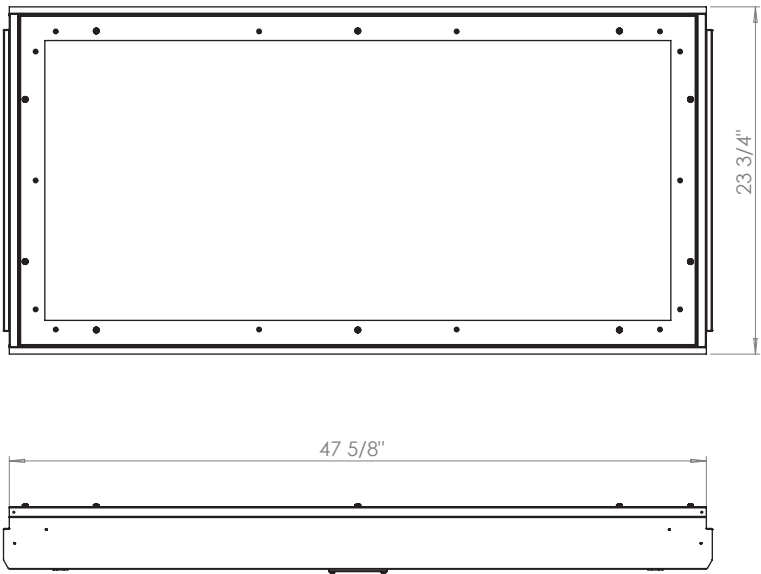
1X4



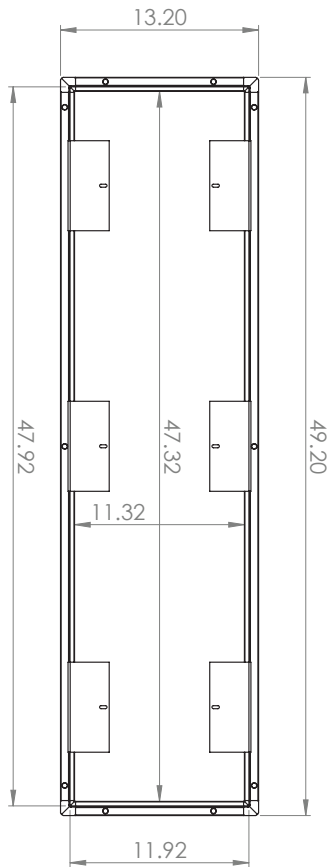
2X2



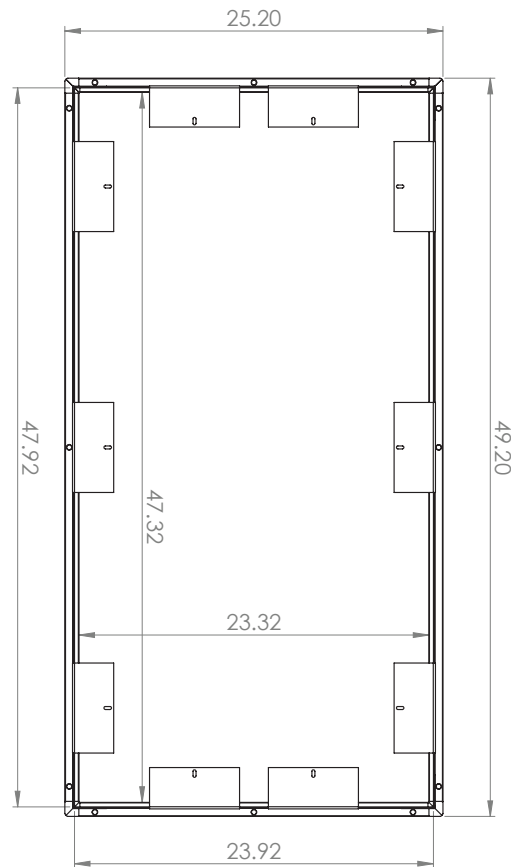
2X4



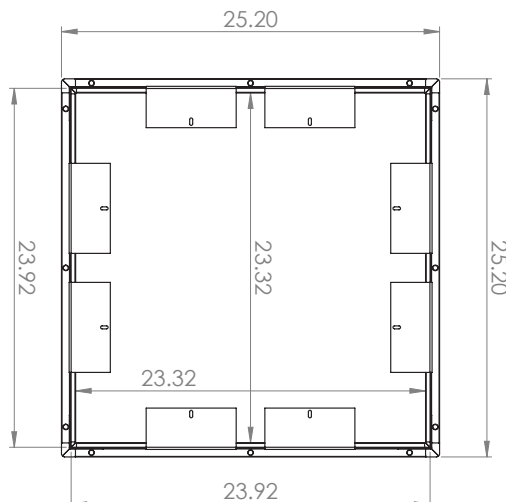
Suggested
rough-in
12 3/16 x
48 3/16"



Suggested
rough-in
24 3/16 x
48 3/16"



VANDAL PROOF FRAME KITS DIMENSIONS



Suggested
rough-in
24 3/16 x
24 3/16