



## BSAR

### LED Prison Grade Surface Mount Luminaire



#### DESCRIPTION

The BSAR is a confinement grade vandal-resistant fixture. Engineered with a door-free design, it eliminates the possibility of contraband concealment.

#### CONSTRUCTION

One piece housing in choice of cold roll steel or stainless steel. White powder coat finish with 5 stage pre-treatment. TIG welded housing is continuous seam-welded with smoothed corners. Door-free design is resistant to penetration and concealment of contraband.

#### ELECTRICAL SYSTEM

120-277V 0-10V 1% dimming standard. Long-life LED system rated for >100K hours (L70 @ 50°C). Complies with federal energy efficiency standards. 80 CRI LEDs available in 3000K, 3500K, 4000K, and 5000K. 90 CRI option available.

#### OPTICAL SYSTEM

Inner lens provides LED diffusion, while outer polycarbonate lens provides impact-resistance protection. Maximum overall thickness of 0.625".

#### LISTINGS

ETL listed for damp location. Manufactured in the USA.

#### MOUNTING

Surface mount installation via top mounting holes (hardware by others).

#### LED

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

#### WARRANTY

5 - Year Limited Warranty. Complete warranty and terms located at: [www.aelnow.com/warranty](http://www.aelnow.com/warranty)

### LED SYSTEM DATA

Output	Delivered Lumens	System Wattage	L70 @20C (hrs)
S	2650	18	>100K
M	4000	28	>100K
H	5000	34	>100K
VH	7000	48	>100K

\* Delivered Lumens shown were tested with 4000K LEDs

Approximate Color Temperature Multiplier	
5000K	1.03
4000K	1
3500K	0.97
3000K	0.94
2700K	0.91



## ORDERING INFORMATION

Example: BSAR3-50-M-B14-250P-125C-M

Custom Lumen Example: BSAR3-50-M-B14-250P-125C-M-3500 for 3500 lumens

Series	CCT	Output	Housing
<b>BSAR3</b> 3'	<b>30</b> 3000K	<b>S</b> Standard	<b>B14</b> 14 Gauge Cold Roll Steel
	<b>35</b> 3500K	<b>M</b> Medium	<b>B16</b> 16 Gauge Cold Roll Steel
	<b>40</b> 4000K	<b>H</b> High	<b>SH14</b> 14 Gauge Stainless Steel
	<b>50</b> 5000K	<b>VH</b> Very High	<b>SH16</b> 16 Gauge Stainless Steel

Outer Lens	Inner Lens	Voltage
<b>125P</b> .125 Clear Polycarbonate	<b>N</b> No Lens	<b>M</b> Multi-Volt 120/277V
<b>156P</b> .156 Clear Polycarbonate	<b>PA125</b> .125 Prismatic Acrylic	
<b>187P</b> .187 Clear Polycarbonate	<b>PP125</b> .125 Prismatic Polycarbonate	
<b>250P</b> .250 Clear Polycarbonate	<b>PP187</b> .187 Prismatic Polycarbonate	
<b>375P</b> .375 Clear Polycarbonate	<b>TG</b> .156 Prismatic Tempered Glass	
<b>500P</b> .500 Clear Polycarbonate	<b>PA156</b> .156 Prismatic Acrylic	
<b>F1</b> .187 Clear Tempered Glass	<b>SY</b> Symmetric Diffused Frosted DR Acrylic	
<b>G1</b> .250 Clear Tempered Glass	<b>WTP</b> .125 White Frosted Polycarbonate	
<b>H1</b> .375 Clear Tempered Glass		
<b>J1</b> .500 Clear Tempered Glass		

Driver Options	Options
<b>BLANK</b> 0-10V 1% Dimming Driver (included standard)	<b>14EBL</b> 14W Emergency Backup
<b>CD5</b> 0-10V 5% to Off Dimming Driver	<b>LN</b> LED Night Light M
<b>EDN</b> Electronic Driver Non-Dimming	<b>FZ</b> Fuse Holder
<b>FLDD</b> Fifth Light Dali, Dimming	<b>90</b> 90 CRI
<b>LDE1</b> Lutron Hi-lume 1% EcoSystem LED driver with Soft-on, Fade-to-Black dimming technology	<b>AM</b> Antimicrobial White Paint

## DIMENSIONS

