

# MIGHTY MAC™

## SSAS SERIES

### PRODUCT FEATURES:

- » Surface ceiling mount – nominal 9" x 36"
- » Innovative door-free design – eliminating possibility of contraband concealment or tampering
- » Designed for permanent installation
- » One-piece, TIG-welded housing with reinforced, continuous lens retention
- » LED thermal management and under-stressed driver to promote long life expectancy



### PROJECT INFORMATION

Job Name \_\_\_\_\_

Fixture Type \_\_\_\_\_

Catalog Number \_\_\_\_\_

Approved by \_\_\_\_\_

### SPECIFICATIONS

**HOUSING:** One-piece die-formed prime grade material as specified – see Ordering Information. Cold-rolled steel and painted stainless steel options are finished with a gloss white TGIC polyester powder coat finish with 5-stage pre-treatment. Continuous seam-welded and smoothed corners with no post grinding (TIG). Housing resistant to penetration and contraband concealment. One-piece concealed lens retention bracket.

**OPTICS:** High-efficiency diffused, impact-resistant acrylic inner lens with clear polycarbonate or tempered glass outer lens. See Ordering Information for selection options. Maximum 0.625" overall thickness.

**LED MODULE:** Serviceable mid-power LED array. 3500K, 4000K and 5000K color temperature options with maximum 3-step MacAdam variation allowance. Minimum 82CRI standard (R9>20) with 90CRI (R9>50) optional.

**DRIVER:** 120-277VAC or 347VAC, 50/60Hz electrical input with serviceable constant-current driver (<20% THD, >0.90 PF). Minimum 85% driver efficiency. Standard 0-10V dimming with 1-100% range and dim-to-dark capabilities (non dim-to-dark with 347V); maximum 165 µA maximum source current. Optional eldoLED ECOdrive DALI drivers with 1-100% range.

**SENSOR & CONTROLS:** Optional sensor available with compatible third party controls. To see the full list of compatible controls, click [here](#).

**INSTALLATION:** Ceiling installation via external mounting holes using six (6) high-security bolts (provided by others).

**WARRANTY:** Limited five (5) year LED and driver warranty.

**LISTINGS:** Luminaire is certified to UL Standards by Intertek Testing Laboratory for Damp Location. See WL Option for Wet Locations, covered ceilings only.



### ORDERING INFORMATION (Ex: SSAS-3-0-36L-35K8-DIM1-DV-SYM/B-FS)

Model	Length	Hsg. Material	Lamp Power	Lamp Color	Driver Type	Voltage	Lens (Inner/Outer)	Options
<b>SSAS</b>	<b>3</b>						<b>SYM /</b>	
<b>Length</b>		<b>Driver Type</b>		<b>Lens (Inner/Outer)</b>				
<b>3</b>	3' Nominal	<b>DIM1</b>	0-10V Dimming to 1%	<b>SYM†</b>	.125" Diffused DR Acrylic			
		<b>DALI</b>	DALI Dimming to 1%	<b>G</b>	.125" Clear Polycarbonate			
<b>Housing Material</b>		<b>Voltage</b>		<b>Options</b>				
<b>0</b>	14-Ga CRS in Gloss White	<b>DV</b>	120-277VAC, 50/60Hz	<b>LELST</b>	Integral 6W Self-Testing Emergency Battery Backup (n/a 347V)			
<b>1</b>	16-Ga CRS in Gloss White	<b>347</b>	347VAC, 60Hz (DIM1 only)	<b>FS</b>	Single Fuse & Holder			
<b>3</b>	14-Ga Type 304 Stainless Steel in Gloss White			<b>NLW</b>	2700K White LED Night Light (n/a 347V)			
<b>4</b>	16-Ga Type 304 Stainless Steel in Gloss White			<b>NLA</b>	Amber LED Night Light (n/a 347V)			
<b>9</b>	12-Ga CRS in Gloss White			<b>WL</b>	Wet Location Rating (covered ceiling only)			
<b>Lamp Power</b>								
<b>18L</b>	18 Watt LED							
<b>27L</b>	27 Watt LED							
<b>36L</b>	36 Watt LED							
<b>Lamp Color</b>								
<b>35K8</b>	3500K / 82 CRI min.							
<b>35K9</b>	3500K / 90 CRI min.							
<b>40K8</b>	4000K / 82 CRI min.							
<b>40K9</b>	4000K / 90 CRI min.							
<b>50K8</b>	5000K / 82 CRI min.							

† Not available as Outer lens or as standalone lens option



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This product complies with the Buy American Act: manufactured in the United States with more than 50% of the component cost of US origin. It may be covered by patents found at [www.kenall.com/patents](http://www.kenall.com/patents). Content of specification sheets is subject to change; please consult [www.kenall.com](http://www.kenall.com) for current product details. ©2022 Kenall Mfg. Co.

# MIGHTY MAC™

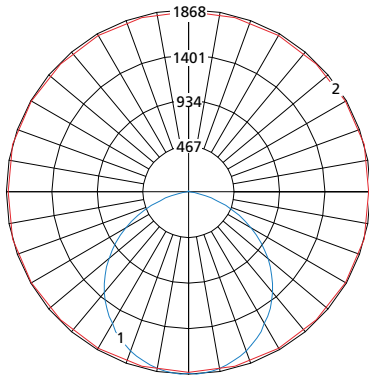
## SSAS SERIES

### PERFORMANCE

Lamp Power	Initial Delivered Lumens, by CCT (lm)					Efficacy (lm/W)	Input Power (W)	Drive Current (mA)	Estd. L70 LED Life (Hrs)
	35K8	35K9	40K8	40K9	50K8				
18L	2,583	2,235	2,634	2,256	2,706	100 - 122	22	70	85,000
27L	3,822	3,306	3,897	3,339	4,004	99 - 120	33	105	75,000
36L	4,806	4,158	4,900	4,198	5,035	96 - 116	43	140	60,000

NOTE: All products tested with SYM/B lens configuration. See "Lumen Output Scaling Factor" table for output values with alternate lens configurations. Information subject to change without notice. Visit [www.kenall.com](http://www.kenall.com) for IES files and additional information.

Model: SSAS-3-y-36L-40K8-DIM1-zzz-SYM-B



Maximum Candela = 1868 Located At Horizontal Angle = 15, Vertical Angle = 2.5

- 1 - Vertical Plane Through Horizontal Angles (15-195) (Through Max. Cd.)
- 2 - Horizontal Cone Through Vertical Angle (2.5) (Through Max. Cd.)

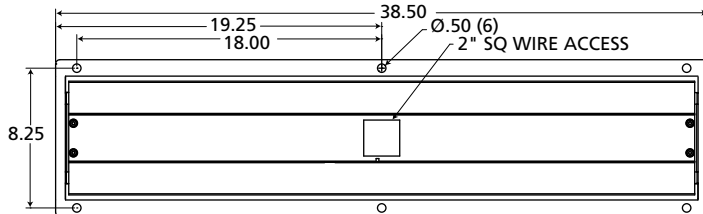
### LUMEN OUTPUT SCALING FACTORS

Lens Configuration	Outer Lens	Scaling Factor
SYM/G	1/8" Clear PC	1.10
SYM/7	3/16" Clear PC	1.06
SYM/8	3/16" Clear TG	1.06
SYM/9	1/4" Clear PC	1.03
SYM/B	3/8" Clear PC	1.00
SYM/C	3/8" Clear TG	1.03
SYM/J	1/2" Clear PC	0.99

NOTE: Use this table to determine the lumen output and efficacy with the desired lens configuration by multiplying the provided value with the appropriate number in the 'Performance' table above.

### DIMENSIONAL DATA

BOTTOM VIEW



CROSS SECTION

