

# MIGHTY MAC™

## SSA SERIES

### PRODUCT FEATURES:

- » Surface ceiling mount – 12"×24" and 12"×48" lengths
- » TIG welded housing with no post grinding for additional strength
- » Vertically adjustable bracket secured to housing via thru-studs
- » Completely concealed internal drop slot piano hinge
- » Ligature resistant construction



### SPECIFICATIONS

**HOUSING:** One-piece die-formed prime grade material as specified – see Ordering Information. Corners continuously seam welded and smooth with no post grinding (TIG). Clamshell housing resistant to penetration and contraband concealment. TGIC polyester powder coat in gloss white with five-stage pre-treatment. Salt spray test: 1,000 hours.

**BASEPLATE:** Prime grade material as specified – see Ordering Information. Die-formed blade trap (1/4" minimum) prevents contraband concealment and access. Embossed standoffs prevent distortion. TGIC polyester powder coat in gloss white with five-stage pre-treatment. Salt spray test: 1,000 hours.

**LENS:** As specified – maximum total thickness .625" – see Ordering Information. Kenall recommends a clear outer lens with a prismatic, textured or diffused inner lens. Two clear lenses used in combination cannot be provided.

**LENS RETENTION:** Vertically adjustable continuous "Z" brackets of prime grade material, secured to housing via thru-studs (6" maximum spacing).

**HINGE:** 2' completely concealed internal drop slot piano hinge (1/2" knuckle/1/8" diameter pin) standard. Pin secured to knuckle. Hinge welded to housing and mounts to either side of baseplate via keyholes. See Options for Full Length Internal Hinge (IHF).

**FASTENERS:** Hardened security screws as specified – see Ordering Information. Fully recessed.

**LUMINOUS SEAL:** Polyurethane foam prevents light leaks from luminaire base.

**LED MODULE:** Serviceable mid-power LED array. Minimum 80 CRI standard (R9>0), consult factory for optional 90CRI (R9>50). Maximum three-step MacAdam ellipse variation. See Ordering Information for available color temperature options.

**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; 0.2mA maximum source current.

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

**INSTALLATION:** Fixture not suitable for Surface Conduit or Continuous Row Mounting.

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

**LISTINGS:** UL and CUL Listed for Damp Locations. See Ordering Information for Wet Location applications. Ligature resistant construction. Build America, Buy America Act compliant.



### ORDERING INFORMATION (Ex: SSA-4-0/0-67L40K-DCC-DV-SYM/B-1)

Model	Size	Hsg./Door Material	Lamp Code	Driver Type	Voltage	Lens (Inner/Outer)	Fasteners	Options
<b>SSA</b>		<b>/</b>		<b>DCC</b>		<b>/</b>		
<b>Nominal Size</b>		<b>Lamp Code</b>		<b>Input Voltage</b>		<b>Fasteners</b>		
2	12"×24"	<b>2' Nominal Length</b>		DV	120-277VAC, 50/60Hz	1	Torx® T-20 Head w/ Center Pin	
4	12"×48"	25L30K	25 Watt 3000K LED	347	347VAC, 60Hz	2	Allen Head w/ Center Pin	
<b>Housing/Base Material</b>		25L35K	25 Watt 3500K LED	<b>Lens (Inner/Outer)†</b>		<b>Options</b>		
0	14-Ga CRS (Painted White)	25L40K	25 Watt 4000K LED	SYM**	Symmetric, Diffused DR Acrylic	LEL	Integral 10W Emergency Battery Backup (4' only, 45L max; n/a 347V, 0°C min ambient)	
1	16-Ga CRS (Painted White)	25L50K	25 Watt 5000K LED	0	No Lens	LELST	Integral 6W Self-Testing Emergency Battery Backup (4' only, 45L max; n/a 347V, 0°C min ambient)	
3	14-Ga SS (Painted White)	<b>4' Nominal Length</b>		1	.125" Prismatic Acrylic	NLW†	2700K White LED Night Light	
4	16-Ga SS (Painted White)	45L30K	45 Watt 3000K LED	2	.125" Prismatic Polycarbonate	NLA†	Amber LED Night Light	
6*	14-Ga SS (Brushed)	45L40K	45 Watt 4000K LED	3	.125" Textured Polycarbonate	FS	Single Fuse & Holder	
7*	16-Ga SS (Brushed)	45L50K	45 Watt 5000K LED	G*	.125" Textured Polycarbonate	IHF	Full Length Internal Hinge	
9	12-Ga CRS (Painted White)	67L30K	67 Watt 3000K LED	4	.156" Prismatic Polycarbonate	RGT	Removable Gear Tray	
		67L35K	67 Watt 3500K LED	TG	.250" Textured Tempered Glass	SK	Speaker Housing Extension	
		67L40K	67 Watt 4000K LED	6	.187" Prismatic Polycarbonate	WL	Wet Location Listed	
		67L50K	67 Watt 5000K LED	7*	.187" Clear Polycarbonate			
		<b>Driver Type</b>		8*	.187" Clear Tempered Glass			
		DCC		9*	.250" Clear Polycarbonate			
		0-10V Dimming Constant Current		A*	.250" Clear Tempered Glass			
				B*	.375" Clear Polycarbonate			
				C*	.375" Clear Tempered Glass			
				J*	.500" Clear Polycarbonate			
				P*	.500" Clear Tempered Glass			

\* n/a as Base Material  
† n/a with 347V input  
\*\* can only be used with clear outer lens  
†† Refer to lens specifications  
‡ Must be paired with prismatic, textured or diffused lens



# MIGHTY MAC™

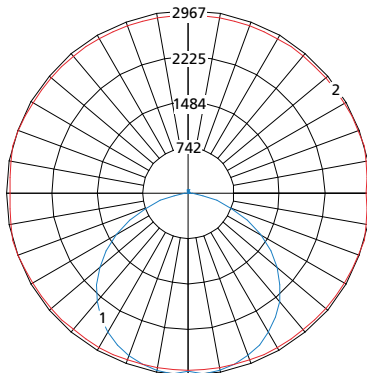
## SSA SERIES

### PERFORMANCE

Model	Lamp Type	Initial Delivered Lumens		Input Power (W)	Drive Current (mA)	Estd. L70 LED Life (Hrs)
		@ 25°C	Efficacy (lm/W)			
SSA-2	25L30K	2,530	89	28	117	80,000
	25L35K	2,608	92	28	117	80,000
	25L40K	2,781	98	28	117	80,000
	25L50K	2,892	102	28	117	80,000
SSA-4	45L30K	4,790	103	46	100	80,000
	45L35K	4,938	106	46	100	80,000
	45L40K	5,106	110	46	100	80,000
	45L50K	5,316	115	46	100	80,000
	67L30K	7,648	103	74	75	80,000
	67L35K	7,885	106	74	75	80,000
	67L40K	8,154	110	74	75	80,000
	67L50K	8,488	114	74	75	80,000

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: SSA-4-x-y-67L40K-DCC-z-SYM-B-1



Maximum Candela = 2967 Located At Horizontal Angle = 15, Vertical Angle = 5

- 1 - Vertical Plane Through Horizontal Angles (15-195) (Through Max. Cd.)
- 2 - Horizontal Cone Through Vertical Angle (5) (Through Max. Cd.)

### LUMEN OUTPUT SCALING FACTORS

Lens Configuration	Inner Lens	Outer Lens	Scaling Factor
SYM/G	1/8" Frost Acrylic	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
1/G	1/8" Prismatic Acrylic	1/8" Clear PC	1.04
1/9		1/4" Clear PC	0.99
1/B		3/8" Clear PC	0.99
2/J		1/8" Prismatic PC	0.87

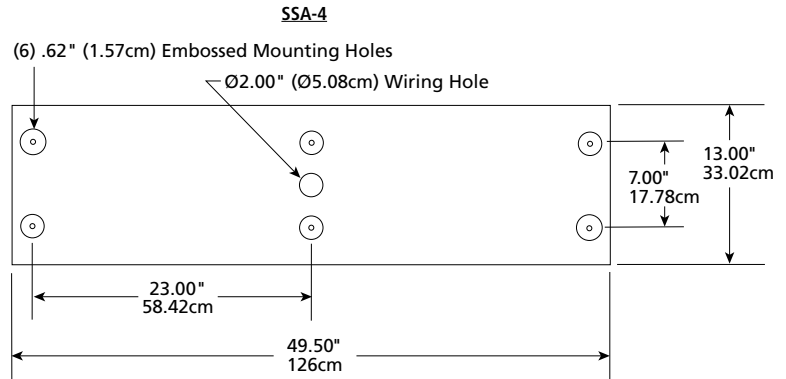
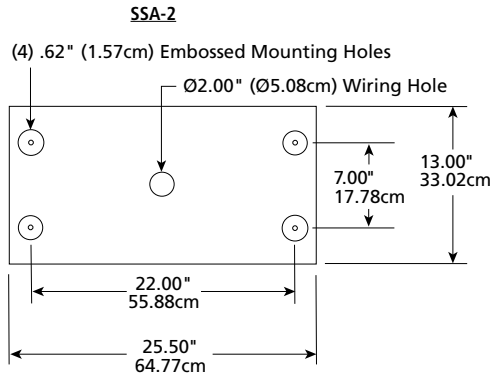
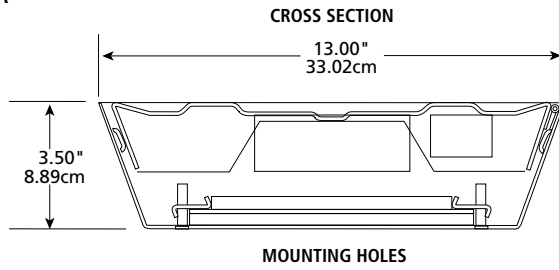
NOTE: Use this table to determine the lumen output and efficacy of the desired lens configuration by multiplying the provided value with the appropriate number in the "Performance" table above.



**MIGHTY MAC™**  
**SSA SERIES**

For additional photometry, go to [www.kenall.com](http://www.kenall.com)

**DIMENSIONAL DATA**



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