

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



PROJECT INFORMATION

Job Name _____

Fixture Type _____

Catalog Number _____

Approved by _____

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.

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.

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.

FINISH: TGIC polyester powder coat – 5-stage pre-treatment. Salt spray test: 1,000 hours; Reflectance: 92%.

ELECTRICAL: Available 3000K, 3500K, 4000K and 5000K color temperatures, 82 CRI. 120-277VAC or 347VAC, 50/60Hz electrical input with serviceable high power factor electronic, constant-current driver (<20% THD, >0.95 PF). Standard 0-10V dimming with 1-100% range and dim-to-dark capabilities (non dim-to-dark with 347V); 330 µA max. source current. LE; Lamps quantity and type as specified – see Ordering Information. Lamps supplied by others. Ballast quantity and type as specified – see Ordering Information. All ballasts UL listed class P. Optional removable reflector/lamp/ballast tray with quick disconnect.

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 warranty on LED lamps.

LISTINGS: UL and CUL Listed for Damp Locations. See Ordering Information for Wet Location applications.



ORDERING INFORMATION (Ex: SSA-4-0/0-67L40K-DCC-277-SYM/B-1)

Model	Size	Hsg./Base Material	Lamp Qty	Lamp Type	Driver/Ballast Type	Ballast Qty	Voltage	Lens (Inner/Outer)	Fastener	Options
SSA	/	/	/	/	/	/	/	/	/	/
Nominal Size		Lamp Quantity (n/a with LED)		Ballast Quantity (n/a with LED)		Fasteners				
2	12"×24"	1	One	1	One	1	Torx® Head w/ Center Pin			
4	12"×48"	2	Two	2	Two	2	Allen Head w/ Center Pin			
3		3	Three							
Housing/Base Material		Lamp Type		Voltage		Options				
0	14-Ga CRS (Painted White)	25L30K	25 Watt 3000K LED	120	120 Volts	LEL	Integral 8.4W Emergency Battery Backup (4' only, 45L max; n/a 347V, 0°C min ambient)			
1	16-Ga CRS (Painted White)	25L35K	25 Watt 3500K LED	277	277 Volts	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)	25L40K	25 Watt 4000K LED	347	347 Volts	EL•	Standard Lumen EL Pack			
4	16-Ga SS (Painted White)	25L50K	25 Watt 5000K LED	DV †	120-277 Volts	DLN	LED Night Light w/Light Level Control (100% - 20%; voltage-specific selection required; n/a with 347V)			
6*	14-Ga SS (Brushed)	17	F17T8	Lens (Inner/Outer)‡		FS	Single Fuse & Holder			
7*	16-Ga SS (Brushed)			SYM**	Symmetric, Diffused DR Acrylic	IHF	Full Length Internal Hinge			
9	12-Ga CRS (Painted White)			0	No Lens	RGT	Removable Gear Tray			
		4' Nominal Length		1	.125" Prismatic Acrylic	SK	Speaker Housing Extension			
		45L30K	45 Watt 3000K LED	2	.125" Prismatic Polycarbonate	WL	Wet Location Listed			
		45L35K	45 Watt 3500K LED	3	.125" Textured Polycarbonate					
		45L40K	45 Watt 4000K LED	G•	.125" Clear Polycarbonate					
		45L50K	45 Watt 5000K LED	4	.156" Prismatic Polycarbonate					
		67L30K	67 Watt 3000K LED	TG	.125" Textured Tempered Glass					
		67L35K	67 Watt 3500K LED	6	.187" Prismatic Polycarbonate					
		67L40K	67 Watt 4000K LED	7*	.187" Clear Polycarbonate					
		67L50K	67 Watt 5000K LED	8*	.187" Clear Tempered Glass					
		28	F28T5	9*	.250" Clear Polycarbonate					
		32	F32T8	A*	.250" Clear Tempered Glass					
		54	F54T5HO	B*	.375" Clear Polycarbonate					
		Driver/Ballast Type		C*	.375" Clear Tempered Glass					
		DCC †	Dimming Constant Current LED Driver	J*	.500" Clear Polycarbonate					
		IS	Instant Start Electronic <10% THD (T8)	P*	.500" Clear Tempered Glass					
		RS	Rapid Start Electronic <10% THD (T8, T5, T5HO)							
		SB	Specified Ballast							



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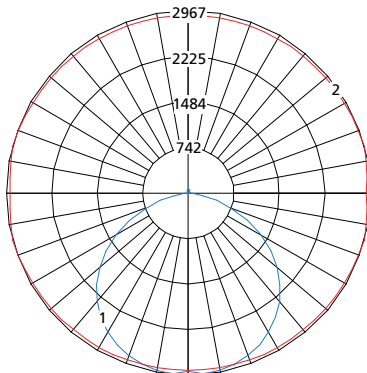
SSA SERIES

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 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
1/9	1/4" Clear PC		0.99
1/B	3/8" Clear PC		0.99
2/J	1/8" Prismatic PC		0.87

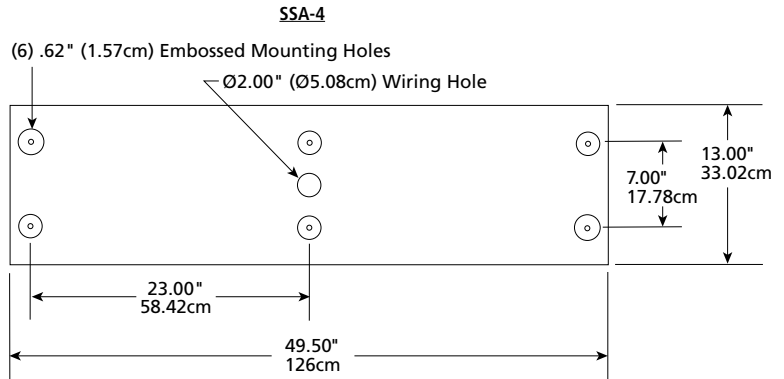
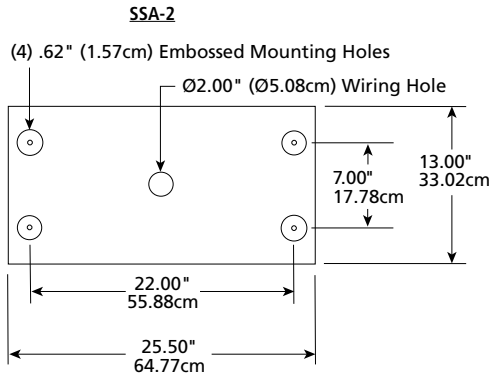
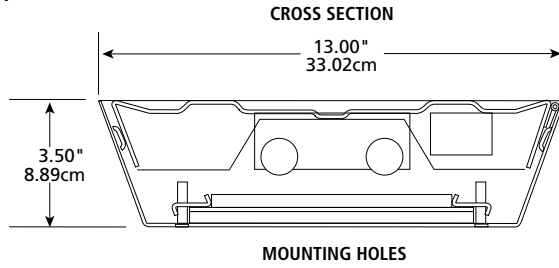
NOTE: Use this table to determine the lumen output and efficacy of the desired lens configuration by multiplying the provided value with the appropriate number in the "Performance" table above.



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For additional photometry, go to www.kenall.com

DIMENSIONAL DATA



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