

MIGHTY MAC™

SCA SERIES

PRODUCT FEATURES:

- » Surface ceiling mount – 12"×24", 12"×48"
- » TIG welded housing with no post grinding for additional strength
- » Vertically adjustable Z bracket with thru-studs spaced 6" apart
- » Full length concealed internal 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 .875" – 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: Full length continuous heavy gauge internal piano hinge (1/2" knuckle/1/8" diameter pin) standard. Pin secured to knuckle. Hinge welded to housing and mounts to baseplate via keyholes.

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 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. LF: Lamps quantity and type as specified – see Ordering Information. Ballast quantity and type as specified – see Ordering Information. All ballasts UL listed class P. Optional removable reflector/lamp/ballast tray with quick disconnect.

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.



ORDERING INFORMATION (Ex: SCA-4-0/0-45L40K-DCC-120-SYM/B-2-DLN)

Model	Size	Housing/Base	Lamp Qty	Lamp Type	Driver/Ballast	Ballast Qty	Voltage	Lens (Inner/Outer)	Fasteners	Options
SCA										
Nominal Size		Lamp Quantity (n/a with LED)			Voltage			Fastener		
2	12"×24"	1 One			120	120 Volts	1 Torx® Head w/ Center Pin			
4	12"×48"	2 Two			277	277 Volts	2 Allen Head w/ Center Pin			
Housing/Base Material		Lamp Type			Options					
0	14-Ga CRS (Painted White)	2' Nominal Length			LEL Integral 8.4W Emergency Battery Backup (4' only, n/a 347V, 0°C min ambient)					
1	16-Ga CRS (Painted White)	25L35K 25 Watt 3500K LED (82 CRI)			LELST Integral 6W Self-Testing Emergency Battery Backup (4' only, n/a 347V, 0°C min ambient)					
3	14-Ga SS (Painted White)	25L40K 25 Watt 4000K LED (82 CRI)			EL• Standard Lumen EL Pack					
4	16-Ga SS (Painted White)	25L50K 25 Watt 5000K LED (82 CRI)			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			FS Single Fuse & Holder					
7*	16-Ga SS (Brushed)	4' Nominal Length			RGT Removable Gear Tray					
9	12-Ga CRS (Painted White)	45L35K 45 Watt 3500K LED (82 CRI)			SK Speaker Housing Extension					
		45L40K 45 Watt 4000K LED (82 CRI)								
		45L50K 45 Watt 5000K LED (82 CRI)								
		32 F32T8								
Driver/Ballast Type		Ballast Quantity (n/a with LED)								
IS	Instant Start Electronic <10% THD	1 One								
RS	Rapid Start Electronic <10% THD	2 Two								
SB	Specified Ballast									
DCC	Dimming Constant Current Driver									
LENS (Inner/Outer)‡										
0	No Lens									
1	.125" Prismatic Acrylic									
2	.125" Prismatic Polycarbonate									
3	.125" Textured Polycarbonate									
G†	.125" Clear Polycarbonate									
4	.156" Prismatic Polycarbonate									
TG	.125" Textured Tempered Glass									
6	.187" Prismatic Polycarbonate									
7†	.187" Clear Polycarbonate									
8†	.187" Clear Tempered Glass									
9†	.250" Clear Polycarbonate									
A†	.250" Clear Tempered Glass									
B†	.375" Clear Polycarbonate									
C†	.375" Clear Tempered Glass									
J†	.500" Clear Polycarbonate									
P†	.500" Clear Tempered Glass									
N†	.750" Clear Tempered Glass									



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MIGHTY MAC™

SCA SERIES

PERFORMANCE

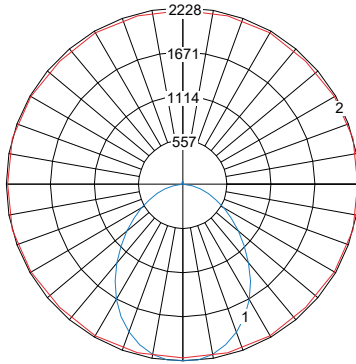
Model	Lamp Type	Initial Delivered Lumens		Input Power (W)	Drive Current (mA)	Estd. L70 LED Life (Hrs)
		@ 25°C	Efficacy (lm/W)			
SCA-2	25L35K	2,362	83	28	117	80,000
	25L40K	2,519	89	28	117	80,000
	25L50K	2,619	92	28	117	80,000
SCA-4	45L35K	4,473	97	46	100	80,000
	45L40K	4,625	100	46	100	80,000
	45L50K	4,815	104	46	100	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.

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	1/2" Clear PC	0.87

Model: SCA-4-x-y-45L40K-DCC-z-SYM-B-1



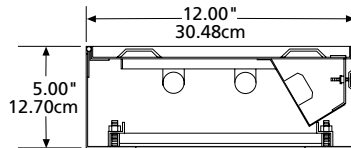
Maximum Candela = 2228 Located At Horizontal Angle = 15, Vertical Angle = 5

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

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.

DIMENSIONAL DATA

CROSS SECTION



MOUNTING HOLES

