

MIGHTY MAC™

SCD SERIES

PRODUCT FEATURES:

- » Surface ceiling mount – 24" x 24", 24" x 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



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%.

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; 0.4mA 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 warranty on LED lamps.

LISTINGS: Luminaire is certified to UL1598 and UL8750 standards by Intertek Testing Services for Damp Locations. Build America, Buy America Act compliant.



ORDERING INFORMATION (Ex: SCD-4-0/0-90L40K-DCC-DV-SYM/B-1-SK)

Model	Size	Housing/Door	Lamp Code	Driver Type	Input Voltage	Lens (Inner/Outer)	Fasteners	Options
SCD		/		DCC		/		
Nominal Size		Lamp Code		Driver Type		Fastener		
2	24" x 24"	2' Nominal Length		SYM Symmetric, Diffused DR Acrylic		1 Torx® T-20 Head w/ Center Pin		
4	24" x 48"	25L30K 25 Watt 3000K LED (82 CRI)		0 No Lens		2 Allen Head w/ Center Pin		
		25L35K 25 Watt 3500K LED (82 CRI)		1 .125" Prismatic Acrylic				
		25L40K 25 Watt 4000K LED (82 CRI)		2 .125" Prismatic Polycarbonate				
		25L50K 25 Watt 5000K LED (82 CRI)		3 .125" Textured Polycarbonate				
Housing/Base Material		4' Nominal Length		G .125" Clear Polycarbonate		Options		
0	14-Ga CRS (Painted White)	45L30K 45 Watt 3000K LED (82 CRI)		4 .156" Prismatic Polycarbonate		LEL Integral 8.4W Emergency Battery Backup (4' only, 45L max; n/a 347V, 0°C min ambient)		
1	16-Ga CRS (Painted White)	45L35K 45 Watt 3500K LED (82 CRI)		4 .156" Prismatic Polycarbonate		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)	45L40K 45 Watt 4000K LED (82 CRI)		4 .156" Prismatic Polycarbonate		DLN LED Night Light w/Light Level Control (100% - 20%; voltage-specific selection required; n/a with 347V)		
4	16-Ga SS (Painted White)	45L50K 45 Watt 5000K LED (82 CRI)		4 .156" Prismatic Polycarbonate		FS Single Fuse & Holder		
6*	14-Ga SS (Brushed)	67L30K 67 Watt 3000K LED (82 CRI)		4 .156" Prismatic Polycarbonate		RG Removable Gear Tray		
7*	16-Ga SS (Brushed)	67L35K 67 Watt 3500K LED (82 CRI)		4 .156" Prismatic Polycarbonate		SK Speaker Housing Extension		
9	12-Ga CRS (Painted White)	67L40K 67 Watt 4000K LED (82 CRI)		4 .156" Prismatic Polycarbonate				
		67L50K 67 Watt 5000K LED (82 CRI)		4 .156" Prismatic Polycarbonate				
		90L30K 90 Watt 3000K LED (82 CRI)		4 .156" Prismatic Polycarbonate				
		90L35K 90 Watt 3500K LED (82 CRI)		4 .156" Prismatic Polycarbonate				
		90L40K 90 Watt 4000K LED (82 CRI)		4 .156" Prismatic Polycarbonate				
		90L50K 90 Watt 5000K LED (82 CRI)		4 .156" Prismatic Polycarbonate				
		Driver Type		Input Voltage				
		DCC Dimming Constant Current Driver		DV 120-277VAC, 50/60Hz				
				347 347VAC, 60Hz				



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PERFORMANCE

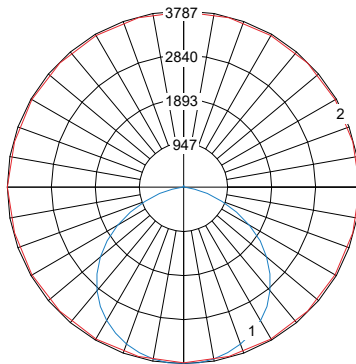
Model	Lamp Type	Initial Delivered Lumens		Input Power (W)	Drive Current (mA)	Estd. L70 LED Life (Hrs)
		@ 25°C	Efficacy (lm/W)			
SCD-2	25L30K	2,664	94	28	117	80,000
	25L35K	2,746	97	28	117	80,000
	25L40K	2,840	100	28	117	80,000
	25L50K	2,954	104	28	117	80,000
SCD-4	45L30K	5,044	109	46	100	80,000
	45L35K	5,200	112	46	100	80,000
	45L40K	5,377	116	46	100	80,000
	45L50K	5,598	121	46	100	80,000
	67L30K	8,054	108	74	75	80,000
	67L35K	8,303	112	74	75	80,000
	67L40K	8,586	115	74	75	80,000
	67L50K	8,938	120	74	75	80,000
	90L30K	9,946	103	97	100	80,000
	90L35K	10,253	106	97	100	80,000
	90L40K	10,603	110	97	100	80,000
	90L50K	11,038	114	97	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
1/9	1/4" Clear PC		0.99
1/B	3/8" Clear PC		0.99
2/J	1/8" Prismatic PC		0.87

Model: SCD-4-x-y-90L40K-DCC-z-SYM-B-1



Maximum Candela = 3787 Located At Horizontal Angle = 0, Vertical Angle = 5

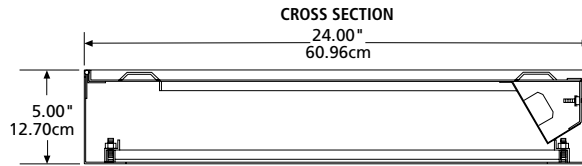
- 1 - Vertical Plane Through Horizontal Angles (0-180) (Through Max. Cd.)
- 2 - Horizontal Cone Through Vertical Angle (5) (Through Max. Cd.)

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.



SCD SERIES

DIMENSIONAL DATA



MOUNTING HOLES

