

MIGHTY MAC™

SCH SERIES

PRODUCT FEATURES:

- » Surface ceiling mount – 20" x 24" and 20" x 48"
- » TIG welded housing with no post grinding for additional strength
- » Vertically adjustable bracket secured to housing via thru-studs



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 thickness .625" – see ordering information. Kenall recommends a prismatic inner lens and a clear outer 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.

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); 330µA max. source current.

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

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

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

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

PHOTOMETRICS: Photometry tested to the IESNA LM-79-08 standard by an ILAC/ISO17025 accredited laboratory. For additional photometric data, please go to www.kenall.com.

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: SCH-1/1-67L35K-DCC-DV-SYM/B-1-FS)

Model	Size	Housing/Base	Lamp Type	Driver Type	Voltage	Lens (Inner/Outer)	Fasteners	Options
SCH		/		DCC		/		
Nominal Size		4' (122cm) Nominal Length		Voltage		Fastener		
2	20" x 24"		45L30K 45 Watt 3000K LED (82 CRI)	DV 120-277VAC, 50/60Hz	1 Torx® T-20 Head w/ Center Pin			
4	20" x 48"		45L35K 45 Watt 3500K LED (82 CRI)	347 347VAC, 60Hz	2 Allen Head w/ Center Pin			
Housing/Base Material				Lens (Inner/Outer)‡		Options		
0	14-Ga CRS (Painted White)		45L40K 45 Watt 4000K LED (82 CRI)	SYM Symmetric, Diffused DR Acrylic	LEL Integral 10W Emergency Battery Backup (45L max; n/a 347V, 0°C min ambient)			
1	16-Ga CRS (Painted White)		45L50K 45 Watt 5000K LED (82 CRI)	0 No Lens	LELST Integral 6W Self-Testing Emergency Battery Backup (45L max; n/a 347V, 0°C min ambient)			
3	14-Ga SS (Painted White)		67L30K 67 Watt 3000K LED (82 CRI)	1 .125" Prismatic Acrylic	NLW 2700K White LED Night Light			
4	16-Ga SS (Painted White)		67L35K 67 Watt 3500K LED (82 CRI)	2 .125" Prismatic Polycarbonate	NLA Amber LED Night Light			
6*	14-Ga SS (Brushed)		67L40K 67 Watt 4000K LED (82 CRI)	3 .125" Textured Polycarbonate	FS Single Fuse & Holder			
7*	16-Ga SS (Brushed)		67L50K 67 Watt 5000K LED (82 CRI)	G .125" Clear Polycarbonate	IHF Full Length Internal Hinge			
9	12-Ga CRS (Painted White)		90L30K 90 Watt 3000K LED (82 CRI)	4 .156" Prismatic Polycarbonate	RGT Removable Gear Tray			
			90L35K 90 Watt 3500K LED (82 CRI)	TG .250" Textured Tempered Glass	SK Speaker Housing Extension			
			90L40K 90 Watt 4000K LED (82 CRI)	6 .187" Prismatic Polycarbonate	WL Wet Location Listed			
			90L50K 90 Watt 5000K LED (82 CRI)	7 .187" Clear Polycarbonate				
			Driver Type	8 .187" Clear Tempered Glass				
			DCC Dimming Constant Current	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/a as Base Material
 ‡ Refer to lens specifications
 • n/a with 347V input
 ▲ Must be paired with prismatic, textured or diffused lens
 ▼ Can only be used with clear outer lens



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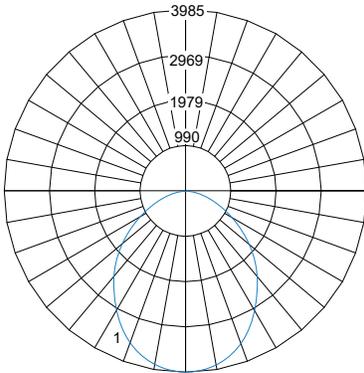
SCH SERIES

PERFORMANCE

Lamp Type	Initial Delivered Lumens		Input Power (W)	Drive Current (mA)	Estd. L70 LED Life (Hrs)
	@ 25°C	Efficacy (lm/W)			
45L30K	5,212	117	44	100	>72,000
45L35K	5,373	121	44	100	>72,000
45L40K	5,557	125	44	100	>72,000
45L50K	5,785	130	44	100	>72,000
67L30K	8,323	112	74	75	>72,000
67L35K	8,580	115	74	75	>72,000
67L40K	8,873	119	74	75	>72,000
67L50K	9,237	124	74	75	>72,000
90L30K	10,278	106	97	100	>72,000
90L35K	10,596	109	97	100	>72,000
90L40K	10,957	113	97	100	>72,000
90L50K	11,407	118	97	100	>72,000

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



Maximum Candela = 3958 Located At Horizontal Angle = 0, Vertical Angle = 2.5

- 1 - Vertical Plane Through Horizontal Angles (0-180) (Through Max. Cd.)
- 2 - Horizontal Cone Through Vertical Angle (2.5) (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		1/2" Clear 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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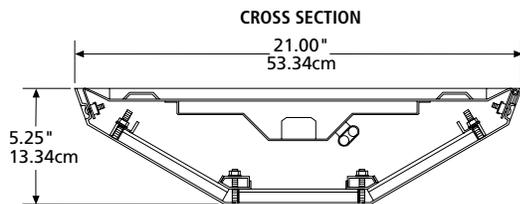
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DIMENSIONAL DATA



MOUNTING HOLES

