

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.

LED 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%.

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.

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

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

PHOTOMETRICS: Efficiency of SCH4-0/0-332-IS-1-120-1/B-1 = 60%. For photometric information, 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 Qty	Lamp Type	Ballast/Driver	Voltage	Lens (Inner/Outer)	Fasteners	Options
SCH		/					/		
Nominal Size		Lamp Quantity (n/a with LED)		Voltage		Fastener			
2	20" x 24"	2	Two	120	120 Volts	1	Torx® T-20 Head w/ Center Pin		
4	20" x 48"	3	Three	277	277 Volts	2	Allen Head w/ Center Pin		
Housing/Base Material		Lamp Type		Fastener		Options			
0	14-Ga CRS (Painted White)	2'	(60.96cm) Nominal Length	LENS (Inner/Outer)‡		LEL Integral 8.4W Emergency Battery Backup (45L max; n/a 347V, 0°C min ambient)			
1	16-Ga CRS (Painted White)	17	F17T8	SYM Symmetric, Diffused DR Acrylic		LELST Integral 6W Self-Testing Emergency Battery Backup (45L max; n/a 347V, 0°C min ambient)			
3	14-Ga SS (Painted White)	4' (122cm) Nominal Length		0 No Lens		EL• Standard Lumen EL Pack			
4	16-Ga SS (Painted White)	45L30K	45 Watt 3000K LED (82 CRI)	1 .125" Prismatic Acrylic		DLN LED Night Light w/ Light Level Control (100% - 20% range, voltage-specific selection required, n/a 347V)			
6*	14-Ga SS (Brushed)	45L35K	45 Watt 3500K LED (82 CRI)	2 .125" Prismatic Polycarbonate		FS Single Fuse & Holder			
7*	16-Ga SS (Brushed)	45L40K	45 Watt 4000K LED (82 CRI)	3 .125" Textured Polycarbonate		IHF Full Length Internal Hinge			
9	12-Ga CRS (Painted White)	45L50K	45 Watt 5000K LED (82 CRI)	3A .125" Clear Polycarbonate		RGT Removable Gear Tray			
		67L30K	67 Watt 3000K LED (82 CRI)	4 .156" Prismatic Polycarbonate		SK Speaker Housing Extension			
		67L35K	67 Watt 3500K LED (82 CRI)	TG .250" Textured Tempered Glass		WL Wet Location Listed			
		67L40K	67 Watt 4000K LED (82 CRI)	6 .187" Prismatic Polycarbonate					
		67L50K	67 Watt 5000K LED (82 CRI)	7A .187" Clear Polycarbonate					
		90L30K	90 Watt 3000K LED (82 CRI)	8A .187" Clear Tempered Glass					
		90L35K	90 Watt 3500K LED (82 CRI)	8A .187" Clear Tempered Glass					
		90L40K	90 Watt 4000K LED (82 CRI)	CA .375" Clear Polycarbonate					
		90L50K	90 Watt 5000K LED (82 CRI)	CA .375" Clear Tempered Glass					
		32	F32T8	JA .500" Clear Polycarbonate					
				PA .500" Clear Tempered Glass					
		Driver Type							
		DCC Dimming Constant Current							

* n/a as Base Material
 ‡ Refer to lens specifications
 • n/a with LED
 ▲ Must be paired with prismatic, textured or diffused lens when ordering LED lamps
 ▼ Can only be used with clear outer lens



www.kenall.com | P: 800-4-Kenall | F: 262-891-9701 | 10200 55th Street Kenosha, Wisconsin 53144, USA

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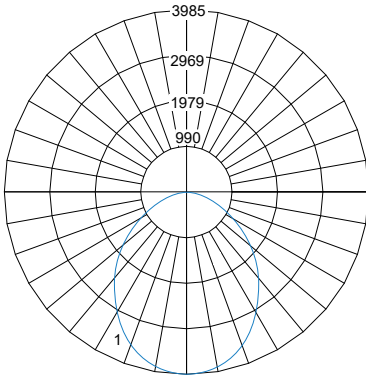
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PERFORMANCE

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	80,000
45L35K	5,373	121	44	100	80,000
45L40K	5,557	125	44	100	80,000
45L50K	5,785	130	44	100	80,000
67L30K	8,323	112	74	75	80,000
67L35K	8,580	115	74	75	80,000
67L40K	8,873	119	74	75	80,000
67L50K	9,237	124	74	75	80,000
90L30K	10,278	106	97	100	80,000
90L35K	10,596	109	97	100	80,000
90L40K	10,957	113	97	100	80,000
90L50K	11,407	118	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.

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

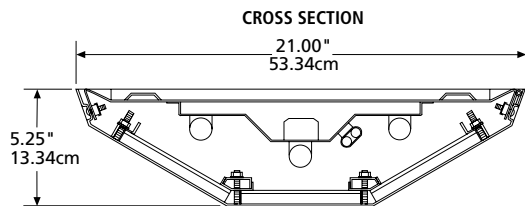
NOTE: Use this table to determine the lumen output and efficacy of the desired lens configuration by multiplying the provided value with the appropriate number in the "Performance" table above.



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DIMENSIONAL DATA



MOUNTING HOLES

