

# MIGHTY MAC™

## SCT SERIES

### PRODUCT FEATURES:

- » Surface ceiling mount – 12"×24", 12"×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 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: SCT-2-0/0-25L35K-DCC-120-SYM/B-1-DLN-FS)

Model	Size	Housing/Base	Lamp Qty	Lamp Type	Driver/Ballast	Ballast Qty	Voltage	Lens (Inner/Outer)	Fasteners	Options
<b>SCT</b>	<b>/</b>	<b>/</b>	<b>/</b>	<b>/</b>	<b>/</b>	<b>/</b>	<b>/</b>	<b>/</b>	<b>/</b>	<b>/</b>
<b>Nominal Size</b>		<b>Lamp Type</b>		<b>Voltage</b>		<b>Fastener</b>				
2	12"×24"	<b>2' Nominal Length</b>		<b>120</b>	120 Volts	<b>1</b>	Torx® T-20 Head w/ Center Pin			
4	12"×48"	<b>25L30K</b>	25 Watt 3000K LED (82 CRI)	<b>277</b>	277 Volts	<b>2</b>	Allen Head w/ Center Pin			
<b>Housing/Base Material</b>		<b>25L35K</b>	25 Watt 3500K LED (82 CRI)	<b>347</b>	347 Volts			<b>Options</b>		
0	14-Ga CRS (Painted White)	<b>25L40K</b>	25 Watt 4000K LED (82 CRI)	<b>DV</b>	120-277 Volts			<b>LEL</b>	Integral 8.4W Emergency Battery Backup (4' only, 45L max; n/a 347V, 0°C min ambient)	
1	16-Ga CRS (Painted White)	<b>25L50K</b>	25 Watt 5000K LED (82 CRI)					<b>LELST</b>	Integral 6W Self-Testing Emergency Battery Backup (4' only, 45L max; n/a 347V, 0°C min ambient)	
3	14-Ga SS (Painted White)	<b>17</b>	F17T8					<b>EL•</b>	Standard Lumen EL Pack	
4	16-Ga SS (Painted White)	<b>4' Nominal Length</b>						<b>DLN</b>	LED Night Light w/Light Level Control (100% - 20%; voltage-specific selection required; n/a with 347V)	
6*	14-Ga SS (Brushed)	<b>45L30K</b>	45 Watt 3000K LED (82 CRI)					<b>FS</b>	Single Fuse & Holder	
7*	16-Ga SS (Brushed)	<b>45L35K</b>	45 Watt 3500K LED (82 CRI)					<b>IHF</b>	Full Length Internal Hinge	
9	12-Ga CRS (Painted White)	<b>45L40K</b>	45 Watt 4000K LED (82 CRI)					<b>RGT</b>	Removable Gear Tray	
<b>Lamp Quantity (n/a with LED)</b>		<b>45L50K</b>	45 Watt 5000K LED (82 CRI)					<b>SK</b>	Speaker Housing Extension	
2	Two	<b>67L30K</b>	67 Watt 3000K LED (82 CRI)					<b>WL</b>	Wet Location Listed	
3	Three	<b>67L35K</b>	67 Watt 3500K LED (82 CRI)					* n/a as Base Material		
		<b>67L40K</b>	67 Watt 4000K LED (82 CRI)					• n/a w/ F54T5HO or LED lamps		
		<b>67L50K</b>	67 Watt 5000K LED (82 CRI)					† Must be paired with prismatic, textured or diffused lens when ordering LED lamps		
		<b>90L30K</b>	90 Watt 3000K LED (82 CRI)					‡ Refer to lens specifications		
		<b>90L35K</b>	90 Watt 3500K LED (82 CRI)					▲ Can only be used with clear outer lens		
		<b>90L40K</b>	90 Watt 4000K LED (82 CRI)							
		<b>90L50K</b>	90 Watt 5000K LED (82 CRI)							
		<b>28</b>	F28T5							
		<b>32</b>	F32T8							
		<b>54</b>	F54T5HO (2 Lamp Max.)							
		<b>Driver/Ballast Type</b>								
		<b>IS</b>	Instant Start Electronic <10% THD (T8)							
		<b>RS</b>	Rapid Start Electronic <10% THD (T8, T5, T5HO)							
		<b>SB</b>	Specified Ballast							
		<b>DCC</b>	Dimming Constant Current Driver							
		<b>Ballast Quantity (n/a with LED)</b>								
		<b>1</b>	One							
		<b>2</b>	Two							



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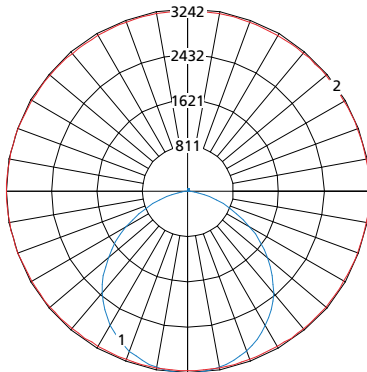
**SCT SERIES**

**PERFORMANCE**

Model	Lamp Type	Initial Delivered Lumens		Input Power (W)	Drive Current (mA)	Estd. L <sub>70</sub> LED Life (Hrs)
		@ 25°C	Efficacy (lm/W)			
SCT-2	25L30K	2,811	99	28	117	80,000
	25L35K	2,898	102	28	117	80,000
	25L40K	2,997	105	28	117	80,000
	25L50K	3,116	110	28	117	80,000
SCT-4	45L30K	5,322	118	45	100	80,000
	45L35K	5,486	122	45	100	80,000
	45L40K	5,673	126	45	100	80,000
	45L50K	5,906	131	45	100	80,000
	67L30K	8,497	114	74	75	80,000
	67L35K	8,760	118	74	75	80,000
	67L40K	9,059	122	74	75	80,000
	67L50K	9,431	127	74	75	80,000
	90L30K	10,494	108	97	100	80,000
	90L35K	10,818	112	97	100	80,000
	90L40K	11,187	116	97	100	80,000
	90L50K	11,646	120	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](http://www.kenall.com) for IES files and additional information.

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



Maximum Candela = 3242 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.)

**LUMEN OUTPUT SCALING FACTORS**

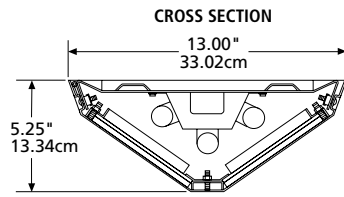
Lens Configuration	Inner Lens	Outer Lens	Scaling Factor
SYM/G	1/8" Frost Acrylic	1/8" Clear PC	1.10
SYM/7		3/16" Clear PC	1.06
SYM/8		3/16" Clear TG	1.06
SYM/9		1/4" Clear PC	1.03
SYM/B		3/8" Clear PC	1.00
SYM/C		3/8" Clear TG	1.03
SYM/J		1/2" Clear PC	0.99
1/G		1/8" Prismatic Acrylic	1/8" Clear PC
1/9	1/4" Clear PC		0.99
1/B	3/8" Clear PC		0.99
2/J	1/8" Prismatic PC	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.



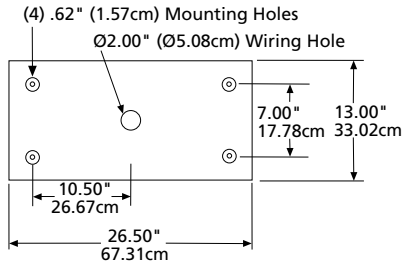
**SCT SERIES**

**DIMENSIONAL DATA**



**MOUNTING HOLES**

**SCT-2**



**SCT-4**

