

# MIGHTY MAC™

## RMCA SERIES

### PRODUCT FEATURES:

- » Recessed 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:** Die-formed prime grade material as specified – see Ordering Information. TIG and spot welded construction.

**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).

**DOOR:** One-piece die-formed prime grade material as specified – see Ordering Information. Corners continuously seam welded and smooth with no post grinding (TIG).

**HINGE:** Full length completely concealed internal piano hinge (1/2" knuckle/1/8" diameter pin) standard. Pin secured to knuckle. Hinge welded to door.

**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. 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.

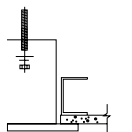
**WARRANTY:** Limited five (5) year warranty on LED lamps.

**LISTINGS:** UL and CUL Listed for Damp Locations. See Ordering Information for Wet Location applications. Non IC rated.

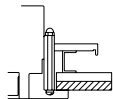


### ORDERING INFORMATION (Ex: RMCA-4-TG-0/0-45L35K-DCC-DV-SYM/B-1-LEL)

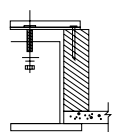
Model	Size	Ceiling Type	Door/Housing	Lamp Qty	Lamp Type	Driver/Ballast	Ballast Qty	Voltage	Lens (Inner/Outer)	Fasteners	Options
<b>RMCA</b>			/						/		
<b>Nominal Size</b>			<b>Lamp Type</b>			<b>Voltage</b>			<b>Fastener</b>		
2	12"×24"				<b>2' Nominal Length</b>	<b>DV</b>	120-277 Volts		<b>1</b>	Torx® Head w/ Center Pin	
4	12"×48"				<b>25L35K</b> 25 Watt 3500K LED	<b>120</b>	120 Volts		<b>2</b>	Allen Head w/ Center Pin	
					<b>25L40K</b> 25 Watt 4000K LED	<b>277</b>	277 Volts				
					<b>25L50K</b> 25 Watt 5000K LED	<b>347</b>	347 Volts				
					<b>17</b> F17T8						
<b>Ceiling Type</b>			<b>4' Nominal Length</b>			<b>Lens (Inner/Outer)‡</b>			<b>Options</b>		
<b>FL/TR</b>	Flange/Threaded Rod				<b>45L35K</b> 45 Watt 3500K LED	<b>SYM</b>	Symmetric, Diffused DR Acrylic		<b>LEL</b>	Integral 10W Emergency Battery Backup (4' only, 45L max; n/a 347V, 0°C min ambient)	
<b>FL/CC</b>	Flange/Cross Channel				<b>45L40K</b> 45 Watt 4000K LED	<b>0</b>	No Lens		<b>LELST</b>	Integral 6W Self-Testing Emergency Battery Backup (4' only, 45L max; n/a 347V, 0°C min ambient)	
<b>FL/Y</b>	Flange/Yoke				<b>45L50K</b> 45 Watt 5000K LED	<b>1</b>	.125" Prismatic Acrylic		<b>DLN</b>	LED Night Light w/Light Level Control (100% - 20%; voltage specific selection required; n/a 347V)	
<b>FL/SA</b>	Flange/Swing-Out Arms				<b>67L35K</b> 67 Watt 3500K LED	<b>2</b>	.125" Textured Polycarbonate		<b>EL•</b>	Standard Lumen EL Pack	
<b>TG</b>	T-Grid				<b>67L40K</b> 67 Watt 4000K LED	<b>GA</b>	.125" Clear Polycarbonate		<b>FS</b>	Single Fuse & Holder	
<b>MP</b>	Metal Pan				<b>67L50K</b> 67 Watt 5000K LED	<b>4</b>	.156" Prismatic Polycarbonate		<b>SC</b>	Specified Ceiling	
<b>CZ</b>	Concealed Z-Spline				<b>90L35K</b> 90 Watt 3500K LED	<b>TG</b>	.125" Textured Tempered Glass		<b>WL</b>	Wet Location Listed	
<b>Door/Housing Material</b>					<b>90L40K</b> 90 Watt 4000K LED	<b>6</b>	.187" Prismatic Polycarbonate			* n/a as Housing Material	
<b>0</b>	14-Ga CRS (Painted White)				<b>90L50K</b> 90 Watt 5000K LED	<b>7A</b>	.187" Clear Polycarbonate			‡ Refer to lens specifications	
<b>1</b>	16-Ga CRS (Painted White)				<b>32</b> F32T8	<b>8</b>	.187" Clear Tempered Glass			• n/a with LED Lamp Type	
<b>2</b>	18-Ga CRS (Painted White)				<b>Driver/Ballast Type</b>	<b>9A</b>	.250" Clear Polycarbonate			» Can only be used with clear outer lens	
<b>3</b>	14-Ga SS (Painted White)				<b>DCC</b> Dimming Constant Current Driver	<b>A</b>	.250" Clear Tempered Glass			▲ Must be paired with prismatic, textured or diffused lens when ordering LED lamps	
<b>4</b>	16-Ga SS (Painted White)				<b>IS</b> Instant Start Electronic <10% THD	<b>BA</b>	.375" Clear Polycarbonate				
<b>B</b>	18-Ga SS (Painted White)				<b>RS</b> Rapid Start Electronic <10% THD	<b>C</b>	.375" Clear Tempered Glass				
<b>6*</b>	14-Ga SS (Brushed)				<b>SB</b> Specified Ballast	<b>JA</b>	.500" Clear Polycarbonate				
<b>7*</b>	16-Ga SS (Brushed)					<b>PA</b>	.500" Clear Tempered Glass				
<b>A*</b>	18-Ga SS (Brushed)										
<b>Lamp Quantity (n/a with LED)</b>			<b>Ballast Quantity (n/a with LED)</b>								
<b>1</b>	One				<b>1</b>	One					
<b>2</b>	Two				<b>2</b>	Two					
<b>3</b>	Three										



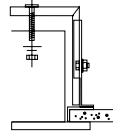
Flange/Threaded Rod Side View



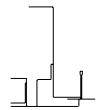
Flange/Swing-Out Arms Side View



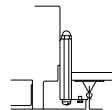
Flange/Cross Channel Side View



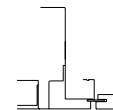
Flange/Yoke Side View



T-Grid Side View



Metal Pan Side View



Concealed Z Side View



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**RMCA SERIES**

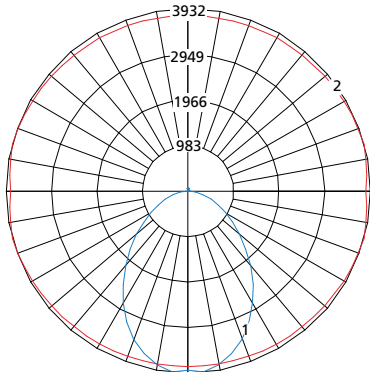
**PERFORMANCE**

Model	Lamp Type	Initial Delivered Lumens		Input Power (W)	Drive Current (mA)	Estd. L70 LED Life (Hrs)
		@ 25°C	Efficacy (lm/W)			
RMCA-2	25L35K	1,867	66	28	117	80,000
	25L40K	1,931	68	28	117	80,000
	25L50K	2,010	71	28	117	80,000
RMCA-4	45L35K	3,535	77	46	100	80,000
	45L40K	3,655	79	46	100	80,000
	45L50K	3,805	83	46	100	80,000
	67L35K	5,644	76	74	75	80,000
	67L40K	5,836	78	74	75	80,000
	67L50K	6,076	82	74	75	80,000
	90L35K	6,970	72	97	100	80,000
	90L40K	7,207	74	97	100	80,000
90L50K	7,503	78	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.

**LUMEN OUTPUT SCALING FACTORS**

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



Maximum Candela = 3932 Located At Horizontal Angle = 195, Vertical Angle = 5

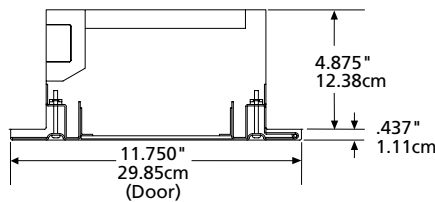
- 1 - Vertical Plane Through Horizontal Angles (195-15) (Through Max. Cd.)
- 2 - Horizontal Cone Through Vertical Angle (5) (Through Max. Cd.)

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

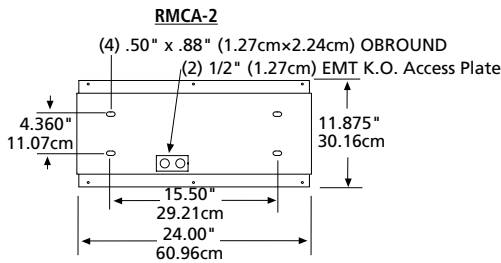
NOTE: Use this table to determine the lumen output and efficacy of the desired lens configuration by multiplying the provided value with the appropriate number in the "Performance" table above.

**DIMENSIONAL DATA**

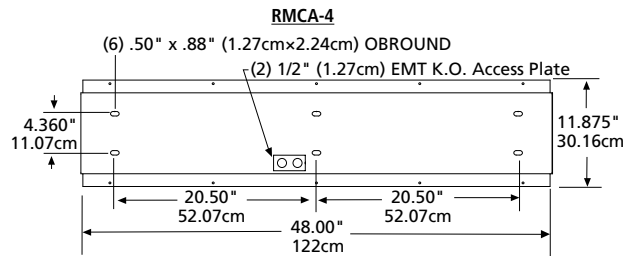
**CROSS SECTION**



**MOUNTING HOLES**



RECOMMENDED CEILING CUTOUT: 24.250" x 10.437" (61.60cm x 26.51cm)



RECOMMENDED CEILING CUTOUT: 48.250" x 10.437" (123cm x 26.51cm)

