

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
- » Ligature resistant construction



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%.

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](#).

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

LISTINGS: UL and CUL Listed for Damp Locations. See Ordering Information for Wet Location applications. Suitable for ISO 5-8 environments when ordered with Wet Location option. Non IC rated. Ligature resistant construction. Build America, Buy America Act compliant.



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

Model	Size	Ceiling Type	Door/Housing	Lamp Code	Driver Type	Voltage	Lens (Inner/Outer)	Fasteners	Options
RMCA			/		DCC		/		
	Nominal Size			Lamp Code	Driver Type			Fastener	
	2 12"×24"			2' Nominal Length	DCC 0-10V Dimming Constant Current			1 Torx® T-20 Head w/ Center Pin	
	4 12"×48"			25L30K 25 Watt 3000K LED				2 Allen Head w/ Center Pin	
		Ceiling Type		25L35K 25 Watt 3500K LED	Input Voltage			Options	
		FL/TR Flange/Threaded Rod		25L40K 25 Watt 4000K LED	DV 120-277VAC, 50/60Hz			LEL Integral 10W Emergency Battery Backup (4' only, 45L max; n/a 347V, 0°C min ambient)	
		FL/CC Flange/Cross Channel		25L50K 25 Watt 5000K LED	347 347VAC, 60Hz			LELST Integral 6W Self-Testing Emergency Battery Backup (4' only, 45L max; n/a 347V, 0°C min ambient)	
		FL/Y Flange/Yoke		4' Nominal Length	Lens (Inner/Outer)‡			NLW† 2700K White LED Night Light	
		FL/SA Flange/Swing-Out Arms		45L30K 45 Watt 3000K LED	SYM Symmetric, Diffused DR Acrylic			NLA† Amber LED Night Light	
		TG T-Grid		45L35K 45 Watt 3500K LED	0 No Lens			FS Single Fuse & Holder	
		MP* Metal Pan		45L40K 45 Watt 4000K LED	1 .125" Prismatic Acrylic			SC Specified Ceiling	
		CZ Concealed Z-Spline		45L50K 45 Watt 5000K LED	2 .125" Prismatic Polycarbonate			WL Wet Location Listed (includes ISO 5-8 rating)	
		Door/Housing Material		67L30K 67 Watt 3000K LED	3 .125" Textured Polycarbonate				
		0 14-Ga CRS (Painted White)		67L35K 67 Watt 3500K LED	G▲ .125" Clear Polycarbonate				
		1 16-Ga CRS (Painted White)		67L40K 67 Watt 4000K LED	4 .156" Prismatic Polycarbonate				
		2 18-Ga CRS (Painted White)		67L50K 67 Watt 5000K LED	TG .250" Textured Tempered Glass				
		3 14-Ga SS (Painted White)		90L30K 90 Watt 3000K LED	6 .187" Prismatic Polycarbonate				
		4 16-Ga SS (Painted White)		90L35K 90 Watt 3500K LED	7▲ .187" Clear Polycarbonate				
		B 18-Ga SS (Painted White)		90L40K 90 Watt 4000K LED	8▲ .187" Clear Tempered Glass				
		6* 14-Ga SS (Brushed)		90L50K 90 Watt 5000K LED	9▲ .250" Clear Polycarbonate				
		7* 16-Ga SS (Brushed)			A▲ .250" Clear Tempered Glass				
		A* 18-Ga SS (Brushed)			B▲ .375" Clear Polycarbonate				
					C▲ .375" Clear Tempered Glass				
					J▲ .500" Clear Polycarbonate				
					P▲ .500" Clear Tempered Glass				

* n/a as Housing Material

‡ Refer to lens specifications

» Can only be used with clear outer lens

▲ Must be paired with prismatic, textured or diffused lens

▼ Consult Grid system manufacturer for product compatibility

† n/a with 347 input



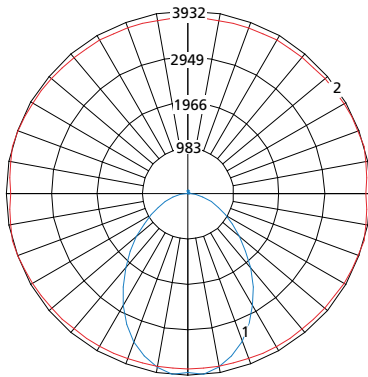
RMCA SERIES

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	25L30K	1,811	64	28	117	80,000
	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	45L30K	3,429	74	46	100	80,000
	45L35K	3,535	77	46	100	80,000
	45L40K	3,655	79	46	100	80,000
	45L50K	3,805	83	46	100	80,000
	67L30K	5,475	74	74	75	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
	90L30K	6,761	70	97	100	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 for IES files and additional information.

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.)

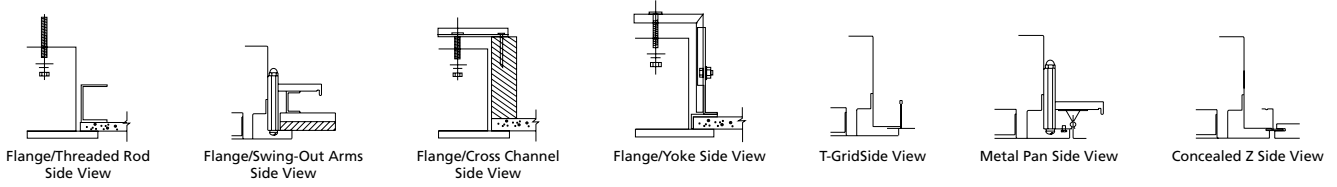
LUMEN OUTPUT SCALING FACTORS

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	1/8" 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.

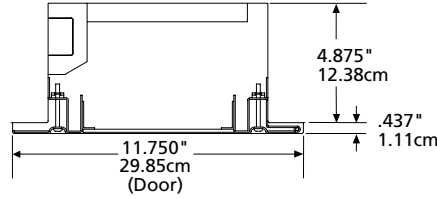


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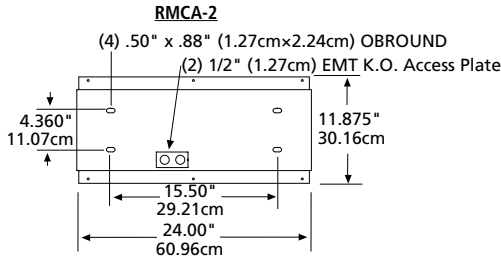


DIMENSIONAL DATA

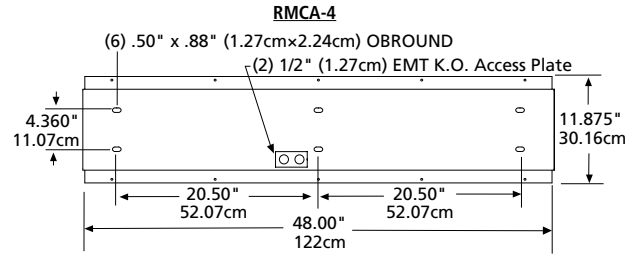
CROSS SECTION



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)

