

MIGHTY MAC™

RMCD SERIES

PRODUCT FEATURES:

- » Recessed convertible ceiling mount – 24"×24" and 24"×48" lengths
- » 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 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).

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: Fully recessed hardened security screws as specified – see ordering information.

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

LED 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); 330µA max. source current.

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.

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

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

PHOTOMETRICS: For photometric information, go to www.kenall.com.

LISTINGS: UL and CUL listed for damp locations. See ordering information for Wet Location applications. Non IC rated.



ORDERING INFORMATION (Ex: RMCD-2-TG-0/0-45L35K-DCC-DV-SYM/B-1-LEL)

Model	Size	Ceiling Type	Door/Housing	Lamp Qty	Lamp Type	Ballast/Driver	Ballast Qty	Voltage	Lens (Inner/Outer)	Fasteners	Options
RMCD			/						/		
	Nominal Size				Lamp Type		Ballast Quantity (n/a with LED)			Fastener	
	2 24"×24"				2' Nominal Length		1 One			1 Torx® Head w/ Center Pin	
	4 24"×48"				45L35K 45 Watt 3500K LED		2 Two			2 Allen Head w/ Center Pin	
					45L40K 45 Watt 4000K LED			Voltage			
					45L50K 45 Watt 5000K LED		DV 120-277 Volts				
	Ceiling Type				67L35K 67 Watt 3500K LED		120 120 Volts				Options
	FL/TR Flange/Threaded Rod				67L40K 67 Watt 4000K LED		277 277 Volts				LEL Integral 10W Emergency Battery Backup (4' only, 90L max; n/a 347V, 0°C min ambient)
	FL/CC Flange/Cross Channel				67L50K 67 Watt 5000K LED		347 347 Volts				LELST Integral 6W Self-Testing Emergency Battery Backup (4' only, 90L max; n/a 347V, 0°C min ambient)
	FL/Y Flange/Yoke				17 F17T8						DLN LED Night Light w/Light Level Control (100% - 20%; Voltage specific selection required; n/a 347V)
	FL/SA Flange/Swing-Out Arms										EL† Standard Lumen EL Pack
	TG T-Grid				4' Nominal Length						FS Single Fuse & Holder
	MP Metal Pan				45L35K 45 Watt 3500K LED		Lens (Inner/Outer)‡				SC Specified Ceiling
	CZ Concealed Z-Spline				45L40K 45 Watt 4000K LED		SYM» Symmetric, Diffused DR Acrylic				WL Wet Location Listed
					45L50K 45 Watt 5000K LED		0 No Lens				
	Door/Housing Material				67L35K 67 Watt 3500K LED		1 .125" Prismatic Acrylic				† n/a with LED Lamp Type
	0 14-Ga CRS (Painted White)				67L40K 67 Watt 4000K LED		2 .125" Prismatic Polycarbonate				* n/a as Hsg. Material
	1 16-Ga CRS (Painted White)				67L50K 67 Watt 5000K LED		3 .125" Textured Polycarbonate				‡ Refer to lens specifications
	2 18-Ga CRS (Painted White)				90L35K 90 Watt 3500K LED		G▲ .125" Clear Polycarbonate				• LED Lamping Only
	3 14-Ga SS (Painted White)				90L40K 90 Watt 4000K LED		4 .156" Prismatic Polycarbonate				» Can only be used with clear outer lens
	4 16-Ga SS (Painted White)				90L50K 90 Watt 5000K LED		TG .125" Textured Tempered Glass				▲ Must be paired with prismatic, textured or diffused lens when ordering LED lamps
	B 18-Ga SS (Painted White)				32 F32T8		6 .187" Prismatic Polycarbonate				
	6* 14-Ga SS (Brushed)				Ballast/Driver Type		7▲ .187" Clear Polycarbonate				
	7* 16-Ga SS (Brushed)				DCC Dimming Constant Current		8▲ .187" Clear Tempered Glass				
	A* 18-Ga SS (Brushed)				IS Instant Start Electronic <10% THD (T8)		9▲ .250" Clear Polycarbonate				
					RS Rapid Start Electronic <10% THD (CFL, T8)		A▲ .250" Clear Tempered Glass				
	Lamp Quantity (n/a with LED)				SB Specified Ballast		B▲ .375" Clear Polycarbonate				
	2 Two						C▲ .375" Clear Tempered Glass				
	3 Three						J▲ .500" Clear Polycarbonate				
	4 Four						P▲ .500" Clear Tempered Glass				



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RMCD-020921

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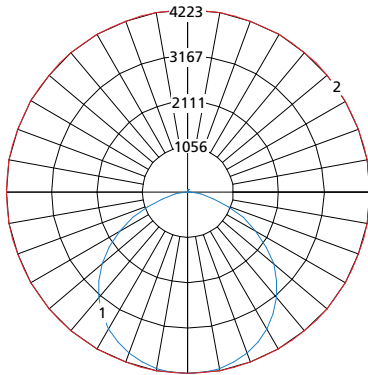
RMCD SERIES

PERFORMANCE

Length	Lamp Type	Initial Delivered Lumens		Input Power (W)	Drive Current (mA)	Estd. L70 LED Life (Hrs)
		@ 25°C	Efficacy (lm/W)			
2' 60.96cm	45L35K	4,027	87	46	100	80,000
	45L40K	4,164	90	46	100	80,000
	45L50K	4,335	93	46	100	80,000
	67L35K	6,430	86	74	75	80,000
	67L40K	6,649	89	74	75	80,000
	67L50K	6,922	93	74	75	80,000
4' 1.22m	45L35K	4,489	97	46	100	80,000
	45L40K	4,642	100	46	100	80,000
	45L50K	4,832	104	46	100	80,000
	67L35K	7,168	96	74	75	80,000
	67L40K	7,412	100	74	75	80,000
	67L50K	7,716	104	74	75	80,000
	90L35K	8,851	91	97	100	80,000
	90L40K	9,153	95	97	100	80,000
90L50K	9,529	98	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: RMCD-4-w-x-y-90L40K-DCC-z-SYM-B-1



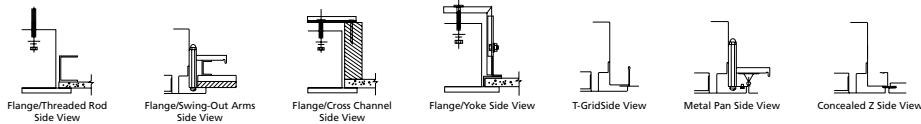
Maximum Candela = 4223 Located At Horizontal Angle = 210, Vertical Angle = 5

- 1 - Vertical Plane Through Horizontal Angles (210-31) (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.



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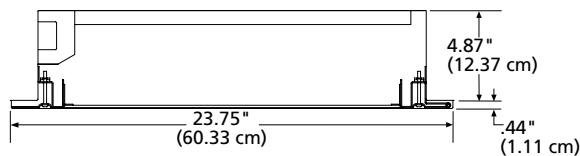
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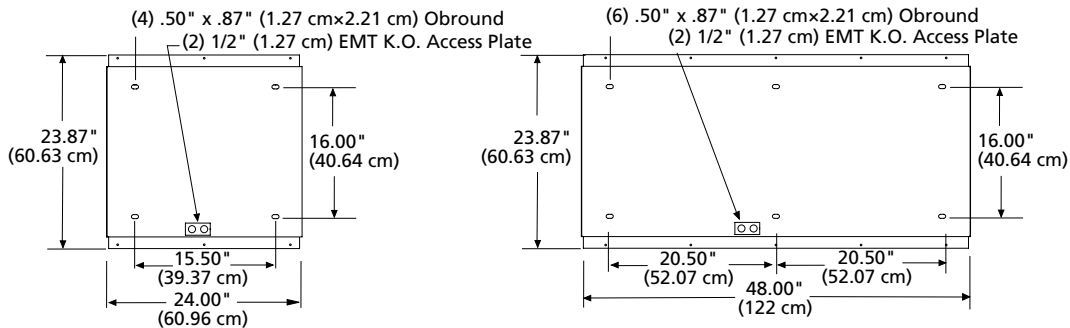
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DIMENSIONAL DATA

CROSS SECTION



MOUNTING HOLES



RECOMMENDED CEILING CUTOUT: 24.25" x 22.44" (61.60 cm x 56.99 cm)

RECOMMENDED CEILING CUTOUT: 48.25" x 22.44" (122 cm x 56.99 cm)

