

MIGHTY MAC™

RQCA SERIES

PRODUCT FEATURES:

- » Recessed ceiling mount – 12" x 12"
- » TIG welded housing with no post grinding for additional strength
- » Completely concealed internal drop slot piano hinge



PROJECT INFORMATION

Job Name _____

Fixture Type _____

Catalog Number _____

Approved by _____

SPECIFICATIONS

HOUSING: Die-formed prime grade material as specified – see ordering information. Lapped 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: Completely concealed spring loaded internal drop slot piano hinge (1/2" knuckle/1/8" diameter pin). Pin secured to knuckle. Hinge welded to door and mounts to either side of housing via keyholes.

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

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, 50/60Hz electrical input with serviceable high power factor electronic, constant-current driver (<20% THD, >0.95 PF). Standard 0-10V dimming with 3-100% range, maximum driver source of 250 µA.

SENSOR & CONTROLS: Optional sensor available with compatible third party controls. To see the full list of compatible controls, click [here](#).

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

INSTALLATION: See [Mighty Mac™ Recessed Flange Mount Data Technical Sheet](#) or consult factory with questions.

PHOTOMETRICS: 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. Non IC rated.



ORDERING INFORMATION (Ex: RQCA-A-0/0-1-23L40K-DCC-120-1/B-1)

Model	Door/Housing	Lamp Qty	Lamp Type	Driver Type	Voltage	Lens (Inner/Outer)	Fasteners	Options	Accessories
RQCA	/	1		DCC		/			
Door/Housing Material		Lamp Quantity		Driver Type		Fasteners			
0	14-Ga CRS (Painted White)	1	One	DCC	Dimming Constant Current Driver	1	Torx® T-20 Head w/ Center Pin		
1	16-Ga CRS (Painted White)					2	Allen Head w/ Center Pin		
2*	18-Ga CRS (Painted White)					Options			
3	14-Ga SS (Painted White)	Lamp Type		Voltage		LEL LED Emergency Battery Backup			
4	16-Ga SS (Painted White)	23L35K	23 Watt 3500K LED	120	120 Volts	DLN LED Night Light w/Light Level Control (100% - 20%)			
6**	14-Ga SS (Brushed)	23L40K	23 Watt 4000K LED	277	277 Volts	FS Single Fuse & Holder			
7**	16-Ga SS (Brushed)	23L50K	23 Watt 5000K LED	347	347 Volts	WL Wet Location Listed			
9**	12-Ga CRS (Painted)			DV 120-277 Volts		Accessories			
				Lens (Inner/Outer)†		CC Cross Channel Mounting Kit			
				0 No Lens		YF Yoke Frame Mounting Kit			
				1 .125" Prismatic Acrylic		PF Plaster Frame Mounting Kit			
				2 .125" Prismatic Polycarbonate					
				3 .125" Textured Polycarbonate					
				G▲ .125" Clear Polycarbonate					
				4 .156" Prismatic Polycarbonate					
				TG .250" Textured Tempered Glass					
				6 .187" Prismatic Polycarbonate					
				7▲ .187" Clear Polycarbonate					
				8▲ .187" Clear Tempered Glass					
				9▲ .250" Clear Polycarbonate					
				A▲ .250" Clear Tempered Glass					
				B▲ .375" Clear Polycarbonate					
				C▲ .375" Clear Tempered Glass					
				J▲ .500" Clear Polycarbonate					
				PA .500" Clear Tempered Glass					
				SYM† Symmetric, Diffused DR Acrylic					

* n/a as Door Material

**n/a with Housing Material

▲ Must be paired with prismatic, textured or diffused lens

† Can only be used with clear outer lens



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A brand of **legrand**

This product complies with the Buy American Act: manufactured in the United States with more than 50% of the component cost of US origin. It may be covered by patents found at [www.kenall.com/patents](#). Content of specification sheets is subject to change; please consult [www.kenall.com](#) for current product details. ©2022 Kenall Mfg. Co.

MIGHTY MAC™

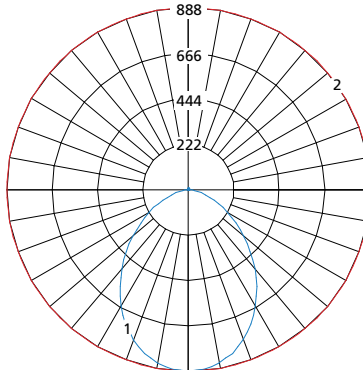
RQCA SERIES

PERFORMANCE

Lamp Type	Initial Delivered Lumens		Input Power (W)	Drive Current (mA)	Estd. L70 LED Life (Hrs)
	@ 25°C	Efficacy (lm/W)			
23L35K	1711	59	29	94	80,000
23L40K	1824	63	29	94	80,000
23L50K	1897	65	29	94	80,000

Information above is valid for the recommended Type PP lens type and is subject to change without notice. Visit www.kenall.com for additional information.

Model: RQCA-A-0/0-1-23L40K-DCC-DV-Y/B-1

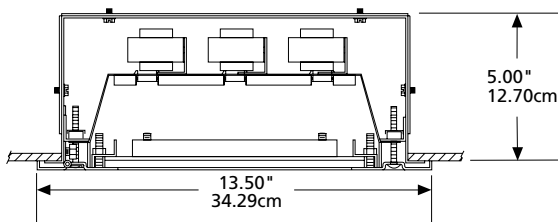


Maximum Candela = 888 Located At Horizontal Angle = 0, Vertical Angle = 0

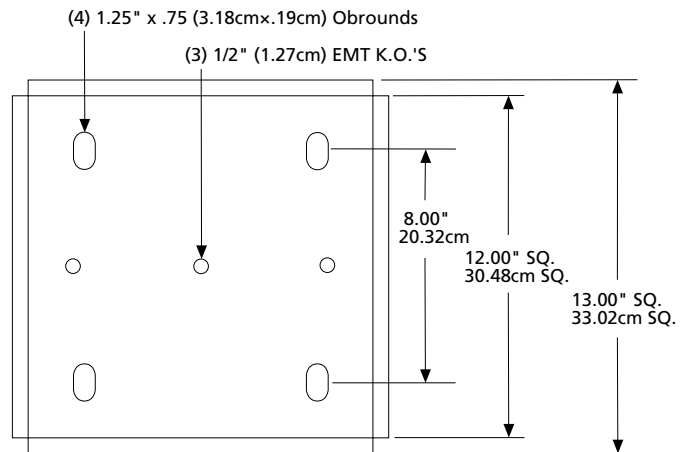
- 1 - Vertical Plane Through Horizontal Angles (0-180) (Through Max. Cd.)
- 2 - Horizontal Cone Through Vertical Angle (0) (Through Max. Cd.)

DIMENSIONAL DATA

CROSS SECTION



MOUNTING HOLES



RECOMMENDED CEILING CUTOUT: 12.25" x 12.25" (31.12cm x 31.12cm)

