

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.

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

0	14-Ga CRS (Painted White)
1	16-Ga CRS (Painted White)
2*	18-Ga CRS (Painted White)
3	14-Ga SS (Painted White)
4	16-Ga SS (Painted White)
6**	14-Ga SS (Brushed)
7**	16-Ga SS (Brushed)
9**	12-Ga CRS (Painted)

Lamp Quantity

1	One
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Lamp Type

23L35K	23 Watt 3500K LED
23L40K	23 Watt 4000K LED
23L50K	23 Watt 5000K LED

Driver Type

DCC	Dimming Constant Current Driver
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Voltage

120	120 Volts
277	277 Volts
347	347 Volts
DV	120-277 Volts

Lens (Inner/Outer)†

0	No Lens
1	.125" Prismatic Acrylic
2	.125" Prismatic Polycarbonate
3	.125" Textured Polycarbonate
G▲	.125" Clear Polycarbonate
4	.156" Prismatic Polycarbonate
TG	.125" 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
P▲	.500" Clear Tempered Glass
SYMT	Symmetric, Diffused DR Acrylic

Fasteners

1	Torx® Head w/ Center Pin
2	Allen Head w/ Center Pin

Options

LEL	LED Emergency Battery Backup
DLN	LED Night Light w/Light Level Control (100% - 20%)
FS	Single Fuse & Holder
WL	Wet Location Listed

Accessories

CC	Cross Channel Mounting Kit
YF	Yoke Frame Mounting Kit
PF	Plaster Frame Mounting Kit

* 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



www.kenall.com | P: 800-4-Kenall | F: 262-891-9701 | 10200 55th Street Kenosha, Wisconsin 53144, USA

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MIGHTY MAC™

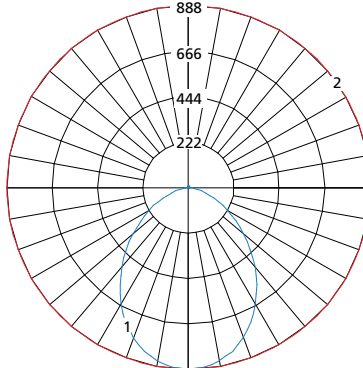
RQCA SERIES

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

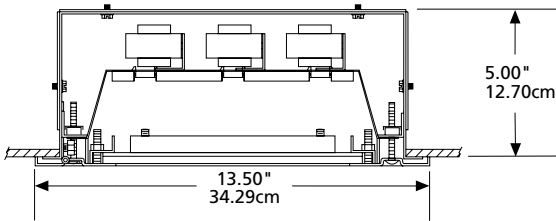


Maximum Candela = 888 Located At Horizontal Angle = 0, Vertical Angle = 0

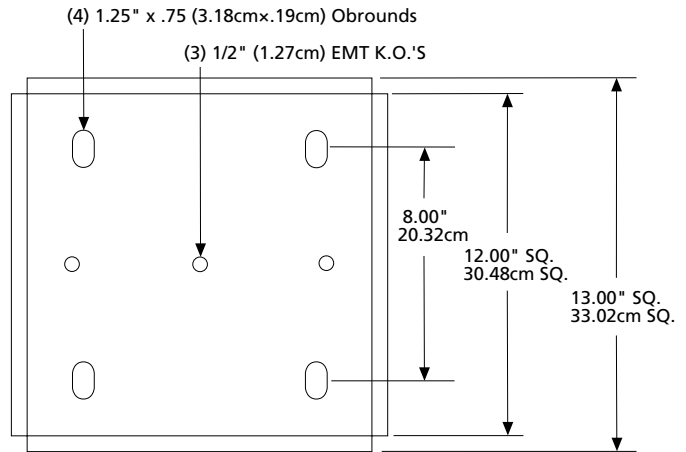
- 1 - Vertical Plane Through Horizontal Angles (0-180) (Through Max. Cd.)
- 2 - Horizontal Cone Through Vertical Angle (0) (Through Max. Cd.)

DIMENSIONAL DATA

CROSS SECTION



MOUNTING HOLES



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



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