

MIGHTY MAC™

CC SERIES using Indigo-Clean Technology

PRODUCT FEATURES:

- » Provides on-demand environmental disinfection via LED light
- » Single, white disinfection mode
- » Independent laboratory tested to kill harmful bacteria, including Staph*, such as MRSA**
- » Surface corner mount with hinged clamshell construction
- » TIG-welded housing without post-weld grinding for additional strength
- » Clamshell design prevents contraband concealment



PROJECT INFORMATION

Job Name _____

Fixture Type _____

Catalog Number _____

Approved by _____

SPECIFICATIONS

HOUSING: One-piece die-formed prime grade material as specified – see Ordering Information. Corners continuously seam welded and smooth with no post grinding (TIG). Clamshell housing resistant to penetration and contraband concealment.

BASEPLATE: Prime grade material as specified – see Ordering Information. Die-formed blade trap (1/4" minimum) prevents contraband concealment and access. Embossed standoffs prevent distortion.

LENS: As specified – maximum thickness 0.375" – see Ordering Information. High-efficiency diffused DR acrylic inner lens.

LENS RETENTION: Vertically adjustable continuous "Z" brackets of prime grade material, secured to housing via thru-studs (6" maximum spacing).

HINGE: 2' continuous heavy gauge internal piano hinge (1/2" knuckle/1/8" diameter pin) standard. Pin secured to knuckle. Hinge welded to housing and mounts to baseplate via keyholes. See Options for Full Length Internal Hinge (IHF).

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: Serviceable mid-power white and 405nm Indigo LED array. Available 3200K, 3700K and 4300K color temperatures with 3-step MacAdam variation allowance. Minimum 82 CRI standard. 120-277VAC and 347VAC electrical input with serviceable high power factor electronic, constant-current drivers (<10% THD, >0.90 PF). Minimum 85% driver efficiency. Standard 0-10V dimming with 1-100% range and dim-to-dark capabilities. 800µA maximum source current. Single, white disinfection mode.

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

INSTALLATION: Corner mount, surface; Fixture not suitable for Surface Conduit or Continuous Row Mounting.

PHOTOMETRICS: Photometry tested to the IESNA LM-79-08 standard by an ILAC/ISO17025 accredited laboratory. For additional photometric data, please go to www.kenall.com.

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

LISTINGS: Luminaire is certified to UL 1598 and UL 8750 standards by Intertek Testing Services for Damp Locations. See Ordering Information for Wet Location applications. EPA Est. No. 99283-WI-1.

* Per independent lab report #SGS-09517036476. Contact Kenall for a copy of this report.

**Antimicrobial Activity of a Continuous Visible Light Disinfection System by Rutala, et. al, ID Week 2016.



ORDERING INFORMATION (Ex: CC-4-3/1-55C37K-DCC-120-SYM/9-DLN)

Model	Size	Housing/Base	Lamp Type	Driver Type	Voltage	Lens (Inner/Outer)	Fasteners	Options
CC	4	/		DCC		SYM /		
	Nominal Size		Lamp Type		Voltage		Fastener	
	4 9" x 48"		55C32K 55 Watt 3200K White & Indigo LED		DV 120-277 Volts		1 Torx® Head w/ Center Pin	
			55C37K 55 Watt 3700K White & Indigo LED		120 120 Volts		2 Allen Head w/ Center Pin	
			55C43K 55 Watt 4300K White & Indigo LED		277 277 Volts			
			82C32K 82 Watt 3200K White & Indigo LED		347 347 Volts			
			82C37K 82 Watt 3700K White & Indigo LED					Options
			82C43K 82 Watt 4300K White & Indigo LED					LEL Integral 8.4W Emergency Battery Backup (55C max; n/a 347V, 0°C min ambient)
			110C32K 110 Watt 3200K White & Indigo LED		Lens (Inner/Outer)‡			LELST Integral 6W Self-Testing Emergency Battery Backup (55C max; n/a 347V, 0°C min ambient)
			110C37K 110 Watt 3700K White & Indigo LED		G .125" Clear Polycarbonate			DLN LED Night Light w/Light Level Control (100%-20%; Voltage specific selection required; n/a 347V)
			110C43K 110 Watt 4300K White & Indigo LED		7 .187" Clear Polycarbonate			FS Single Fuse & Holder
					8 .187" Clear Tempered Glass			IHF Full Length Internal Hinge
					9 .250" Clear Polycarbonate			RGT Removable Gear Tray
					A .250" Clear Tempered Glass			SK Speaker Housing Extension
					SYM Symmetric, Diffused DR Acrylic			WL Wet Location Listed

* n/a as Base Material

‡ Refer to lens specifications



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

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MIGHTY MAC™

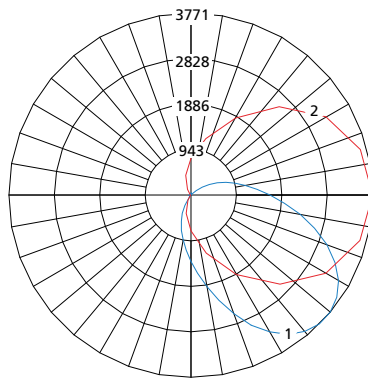
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PERFORMANCE

Lamp Type	Initial Delivered Lumens (lm)		Input Power (W)	Estd. L70 LED Life (Hrs)
	@ 25°C	Efficacy (lm/W)		
55C32K	4,034	64	63	80,000
55C37K	4,139	66	63	80,000
55C43K	4,181	66	63	80,000
82C32K	6,092	65	94	80,000
82C37K	6,250	66	94	80,000
82C43K	6,314	67	94	80,000
110C32K	7,508	62	122	80,000
110C37K	7,702	63	122	80,000
110C43K	7,781	64	122	80,000

Information subject to change without notice. Visit www.kenall.com for IES files and additional information.

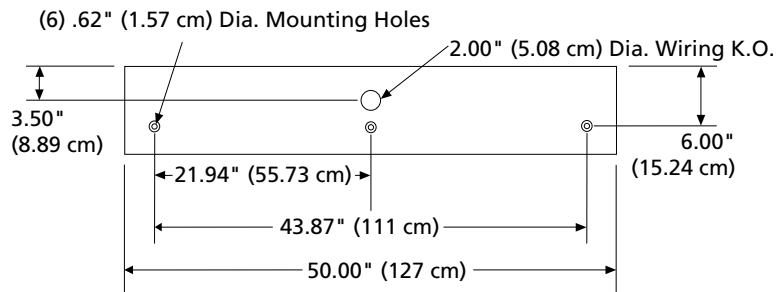
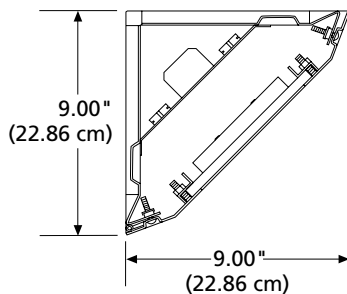
Model: CC-4-1/1-110C37K-DCC-DV-SYM/9-1



Maximum Candela = 3771 Located At Horizontal Angle = 0, Vertical Angle = 50

- 1 - Vertical Plane Through Horizontal Angles (0-180) (Through Max. Cd.)
- 2 - Horizontal Cone Through Vertical Angle (50) (Through Max. Cd.)

DIMENSIONAL DATA



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