

MIGHTY MAC™

CD 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 door construction
- » TIG-welded housing without post-weld grinding for additional strength



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).

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).

DOOR: One-piece die-formed prime grade material as specified – see Ordering Information.

HINGE: Staked and welded external piano hinge (1/2" knuckle/ 1/8" diameter pin) standard. See options for Full Length Internal Hinge (IHF).

FASTENERS: Hardened stainless steel 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.

PHOTOMETRICS: Photometry tested to the IESNA LM-79-08 standard by an ILAC/ISO17025 accredited laboratory. For additional photometric information, 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 #5GS-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: CD-4-2/1-82C37K-DCC-277-SYM/9-FS)

| Model | Size | Housing/Door | Lamp Type | Driver Type | Voltage | Lens (Inner/Outer) | Fasteners | Options |
|-----------|-------------------------------------|--------------|--|-------------|---|--------------------|-----------------------------------|--|
| CD | 4 | / | | DCC | | SYM / | | |
| | Nominal Size | | Lamp Type | | Voltage | | Fastener | |
| | 4 8" 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 | | | |
| | Housing/Door Material | | 82C32K 82 Watt 3200K White & Indigo LED | | 347 347 Volts | | | Options |
| | 0 14-Ga CRS (Painted White) | | 82C37K 82 Watt 3700K White & Indigo LED | | | | | LEL Integral 8.4W Emergency Battery Backup (55C max; n/a 347V, 0°C min ambient) |
| | 1 16-Ga CRS (Painted White) | | 82C43K 82 Watt 4300K White & Indigo LED | | | | | LELST Integral 6W Self-Testing Emergency Battery Backup (55C max; n/a 347V, 0°C min ambient) |
| | 2* 18-Ga CRS (Painted White) | | 110C32K 110 Watt 3200K White & Indigo LED | | Lens (Inner/Outer)‡ | | | DLN LED Night Light w/Light Level Control (100% - 20%; Voltage specific selection required; n/a 347V) |
| | 3 14-Ga SS (Painted White) | | 110C37K 110 Watt 3700K White & Indigo LED | | G .125" Clear Polycarbonate | | | FS Single Fuse & Holder |
| | 4 16-Ga SS (Painted White) | | 110C43K 110 Watt 4300K White & Indigo LED | | 7 .187" Clear Polycarbonate | | | IHF Full Length Internal Hinge |
| | 6 14-Ga SS (Brushed) | | | | 8 .187" Clear Tempered Glass | | | KO 1/2" EMT Knockout |
| | 7 16-Ga SS (Brushed) | | | | 9 .250" Clear Polycarbonate | | | RGT Removable Gear Tray |
| | | | Driver Type | | A .250" Clear Tempered Glass | | | SK Speaker Housing Extension |
| | | | DCC Dimming Constant Current | | SYM Symmetric, Diffused DR Acrylic | | | WL Wet Location Listed |
| | | | | | | | | * n/a as Door Material |
| | | | | | | | | ‡ Refer to lens specifications |



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

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. ©2019 Kenall Mfg. Co.

MIGHTY MAC™

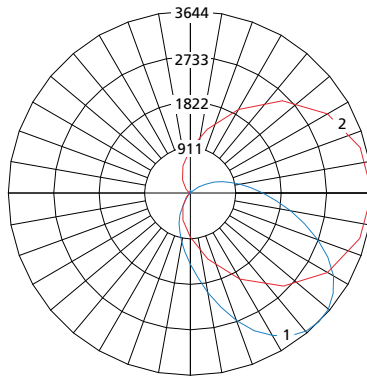
CD SERIES using Indigo-Clean Technology

PERFORMANCE

| Lamp Type | Initial Delivered Lumens (lm) | | Input Power (W) | Estd. L70 LED Life (Hrs) |
|-----------|-------------------------------|-----------------|-----------------|--------------------------|
| | @ 25°C | Efficacy (lm/W) | | |
| 55C32K | 3,890 | 62 | 63 | 80,000 |
| 55C37K | 3,991 | 63 | 63 | 80,000 |
| 55C43K | 4,032 | 64 | 63 | 80,000 |
| 82C32K | 5,875 | 62 | 94 | 80,000 |
| 82C37K | 6,027 | 64 | 94 | 80,000 |
| 82C43K | 6,088 | 65 | 94 | 80,000 |
| 110C32K | 7,240 | 59 | 124 | 80,000 |
| 110C37K | 7,427 | 61 | 124 | 80,000 |
| 110C43K | 7,503 | 61 | 124 | 80,000 |

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

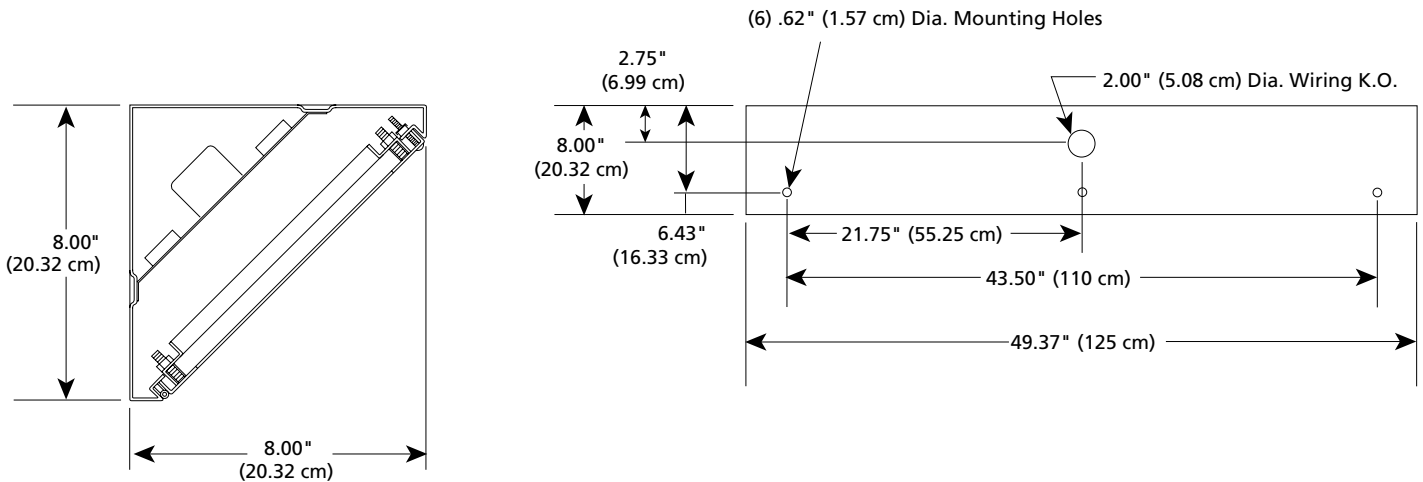
Model: CD-4-2/1-110C37K-DCC-DV-SYM/9-1



Maximum Candela = 3644 Located At Horizontal Angle = 0, Vertical Angle = 45

- 1 - Vertical Plane Through Horizontal Angles (0-180) (Through Max. Cd.)
- 2 - Horizontal Cone Through Vertical Angle (45) (Through Max. Cd.)

DIMENSIONAL DATA



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

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. ©2019 Kenall Mfg. Co.