VAPOR TIGHT LED

CIT100

® 4" WIDE IMPACT-RESISTANT VAPOR TIGHT LUMINAIRE

JOB	
TYPE	
DATE	

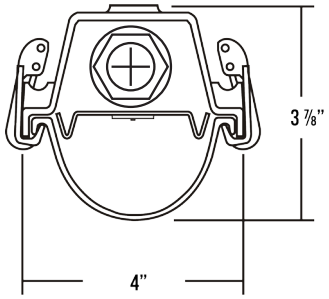
SURFACE / SUSPENDED MOUNTED LED LUMINAIRE

NSF
Splash Zone option available

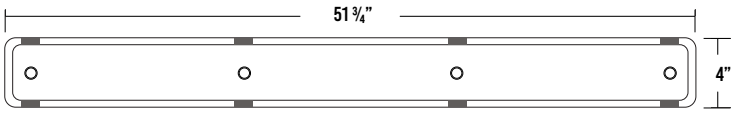
Washdown



CROSS SECTION



4' BACKPLATE



Latch Locations Drill Locations for Conduit

*Creating any hole in housing will invalidate wet location rating

SPECIFICATIONS

CONSTRUCTION
- IP65 / IP66 / IP67 / NEMA 4x rated enclosure
- Fiberglass housing with poured in place polyurethane gasket
- Polycarbonate latches
- 22 gauge cold-rolled steel internal snap-on gear tray/cover

FINISH
- Gear tray - baked white polyester finish / minimum reflectance 86%

OPTICAL
- Impact-resistant smooth acrylic frosted lens

ELECTRICAL
- High efficiency drivers coupled with long-life LEDs
- Service life tested at 50,000 hours (L70)
- Universal voltage 120V~277V (347V/480V available)
- Power Factor (PF) ≥ 0.9
- Total Harmonic Distortion (THD) ≤ 20%

LISTING
- UL USA and Canada listed
- Suitable for damp locations

WARRANTY
- 5-year limited warranty standard. 10-year limited warranty available

APPLICATIONS

- Commercial, Refrigeration, Dusty Areas, Freezer, Food Processing

FEATURES

- Rated for wet locations and washdown applications
- 0-10V Dimming driver standard
- Safety straps attached to snap-on gear tray
- Supports California Title 24 compliance

OPTIONS CONTACT CUSTOMER SERVICE FOR ADDITIONAL OPTIONS

- Range of lumen packages
- Sensors and controls
- Second pre-installed watertight hub
- Stainless steel latches
- Stainless steel tamper-proof screws
- NSF Splash Zone Certification
- Cord & plug
- Emergency battery pack
- Tunable white (2700K - 6500K)
- Customization available upon request

Los Angeles Lighting Mfg. Co.
Contact Us
T: 626-454-8300
F: 626-454-8399
www.lalighting.com
10141 Olney Street
El Monte, CA 91731
Made in the USA

ROHS COMPLIANT CERTIFIED

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ORDERING INFORMATION

ADDITIONAL OPTIONS AVAILABLE. VISIT WWW.LALIGHTING.COM/RESOURCES FOR MORE INFORMATION

EXAMPLE: CIT100-4-4L-DRFA-WL-BPL1.5-DRDM-UNV-1/840

SERIES	NOMINAL LED LUMENS	NOMINAL LENGTH	OPTICAL	RATING	MECHANICAL	CONTROLS / ELECTRICAL	DRIVER	VOLTAGE	# OF LED ROWS	CRI / CCT
CIT100				**WL**					**1**	
CIT100 • 4" Wide Fully Gasketed Luminaire	**2** - 2000lm **4** - 4000lm **6** - 6000lm **8** - 8000lm **12** - 12000lm **High Efficacy** **2HE** - 2000lm **4HE** - 4000lm **6HE** - 6000lm	**4** • 4L	**DRFA** • Impact Resistant Frosted Acrylic **FPC** • Frosted Polycar-bonate	**WL** • Wet Location Hardware (2 Stainless Steel Mounting Brackets and 1 Pre-Installed Watertight Hub)	**SZ** • NSF Splash Zone Certification **WTHUB** • Second Pre-Installed Watertight Hub **SSL** • Stainless Steel Latches **TP** • Stainless Steel Tamper Proof Screws *Leave blank if not specified	**MS(xx)** • Motion Sensor • Lens Option **WLC(LEDRU)** • Wireless Control **BPLSL1.5** • Emergency Battery Pack Slim Casing 1500 lm *Leave blank if not specified	**DRDM** • 0-10V Dimming Driver	**UNV** • 120V-277V **120V** • 120 Volt **277V** • 277 Volt **347V** • 347 Volt **480V** • 480 Volt	**1** • 1 LED Row	**827** • 80+CRI / 2700K **830** • 80+CRI / 3000K **835** • 80+CRI / 3500K **840** • 80+CRI / 4000K **850** • 80+CRI / 5000K **865** • 80+CRI / 6500K **8TW** • 80+CRI Tunable White 2700K-6500K *90CRI Also available* *Contact customer service for additional CRI/ CCT packages, including 90 CRI*

Standard options for CIT1000 shown above. For additional options, including lumen packages, controls, lenses, switches, finishes, and more, visit www.lalighting.com/resources or contact customer service.

OPTICAL OPTIONS

ADDITIONAL LENSES AVAILABLE. VISIT WWW.LALIGHTING.COM/RESOURCES FOR MORE INFORMATION

STANDARD LENSES FOR CIT100

DRFA	Impact-Resistant Smooth Frosted Acrylic
FPC	Smooth Frosted Polycarbonate

ADDITIONAL AVAILABLE LENSES

PCRL	Ribbed Clear Polycarbonate
PCRLFR	Ribbed Frosted White Polycarbonate
DRRL	Impact-Resistant Ribbed Clear Acrylic
DRRLFR	Impact-Resistant Frosted Ribbed Acrylic
PC	Smooth Clear Polycarbonate
DRCA	Impact-Resistant Smooth Clear Acrylic

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MECHANICAL OPTIONS

Pre-installed mechanical options are ordered by adding the suffix to the luminaire description:
CIT100-4-4L-DRFA-WL-WTHUB-DRDM-UNV-1/840

WATERTIGHT HUB
WTHUB
- Zinc die cast hub with rubber gasket seal
- Threaded to fit ½" pipe
- One pre-installed hub included on all luminaires
- Second pre-installed hub included when specifying WTHUB



STAINLESS STEEL LATCHES
SSL
- Corrosion resistant stainless steel latches
- Eight (8) latches per set



TAMPER PROOF SCREWS
TP
- Hex Pin Stainless Steel Tamper Proof Screws



MOUNTING ACCESSORIES

Mounting accessories are ordered separately from luminaire

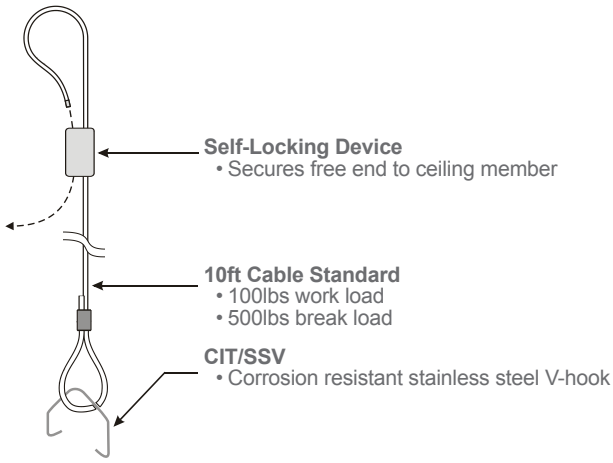
STAINLESS STEEL MOUNTING BRACKET
CIT1/SSMB
- Corrosion-resistant stainless steel mounting bracket
- Snaps securely into enclosure without creating hole in housing
- Two required per fixture
- Two brackets included with all luminaires



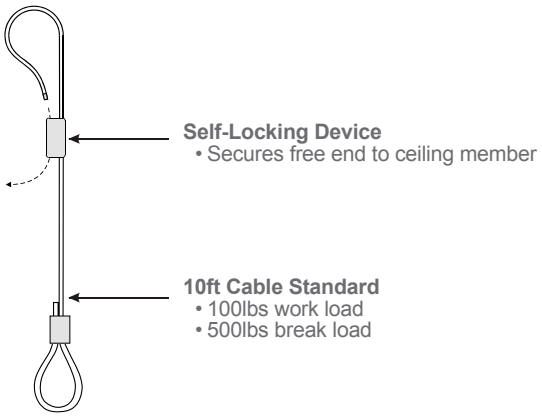
STAINLESS STEEL V-HOOK
CIT/SSV
- Corrosion-resistant stainless steel V-hook for suspension mounting
- Connects to stainless steel mounting bracket CIT1/SSMB
- Two V-hooks required per fixture



COMPLETE CABLE MOUNTING SYSTEM
CIT/VCS10
- Complete mounting kit with cables and V-hooks
- 1 kit required to suspend luminiare
- Includes 2x CS10 cable systems and 2x CIT/SSV stainless steel V-hooks



CABLE SUSPENSION SYSTEM
CS10
- Two (2) required per fixture



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SYSTEM DATA

ADDITIONAL LUMEN PACKAGES AVAILABLE. CONTACT CUSTOMER SERVICE FOR MORE INFORMATION

4' - LED LUMEN PACKAGE	NORMAL AMBIENT TEMPERATURE PRODUCT CODE	DELIVERED LUMENS	SYSTEM WATTS	LUMINAIRE EFFICACY	AMBIENT TEMP.	FLUORESCENT EQUIVALENT	IES FILES
2000 Lumens (Nominal)	CIT100-2-4L-DRFA-DRDM-UNV-1/840	1941	12.1	160.6 lm/W	-20°C / 35°C (-4°F / 95°F)	1-F32T8	*
4000 Lumens (Nominal)	CIT100-4-4L-DRFA-DRDM-UNV-1/840	3809	24.7	154.0 lm/W	-20°C / 35°C (-4°F / 95°F)	1x F54T5HO 2x F32T8	*
6000 Lumens (Nominal)	CIT100-6-4L-DRFA-DRDM-UNV-1/840	5623	37.9	148.4 lm/W	-20°C / 35°C (-4°F / 95°F)	3x F32T8	*
8000 Lumens (Nominal)	CIT100-8-4L-DRFA-DRDM-UNV-1/840	7384	51.5	143.3 lm/W	-20°C / 35°C (-4°F / 95°F)	2x F54T5HO 4x F32T8	*
12000 Lumens (Nominal)	CIT100-12-4L-DRFA-DRDM-UNV-1/840	11246	75.8	148.4 lm/W	-20°C / 35°C (-4°F / 95°F)	3x F54T5HO 6x F32T8	*

4' - LED LUMEN PACKAGE	NORMAL AMBIENT TEMPERATURE (HIGH EFFICACY) PRODUCT CODE	DELIVERED LUMENS	SYSTEM WATTS	LUMINAIRE EFFICACY	AMBIENT TEMP.	FLUORESCENT EQUIVALENT	IES FILES
2000 Lumens (Nominal)	CIT100-2HE-4L-DRFA-DRDM-UNV-1/840	1972	11.9	165.2 lm/W	-20°C / 35°C (-4°F / 95°F)	1-F32T8	*
4000 Lumens (Nominal)	CIT100-4HE-4L-DRFA-DRDM-UNV-1/840	3881	24.2	160.6 lm/W	-20°C / 35°C (-4°F / 95°F)	1x F54T5HO 2x F32T8	*
6000 Lumens (Nominal)	CIT100-6HE-4L-DRFA-DRDM-UNV-1/840	5762	36.7	157.1 lm/W	-20°C / 35°C (-4°F / 95°F)	3-F32T8	*

NOTE:
System data as of 7/3/25 (K-Boards).
Luminaire efficiency: 91.0%
Subject to change without notice.

System data is based on 120V input voltage. Actual performance may differ as a result of end-user environment and application. This fixture has been tested and listed in accordance with UL Standards. L.A. Lighting certifies that it will operate safely when installed properly, and within an ambient temperature range noted in the system data table.

Additional lumen packages and color temperatures available.

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