



# VAPOR TIGHT CIT 100



® 4" WIDE IMPACT-RESISTANT VAPOR TIGHT LUMINAIRE

JOB	
TYPE	
DATE	

## SURFACE / SUSPENDED MOUNTED LED LUMINAIRE



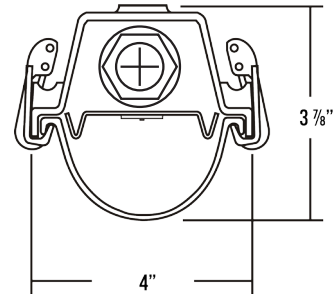
Splash Zone  
option available



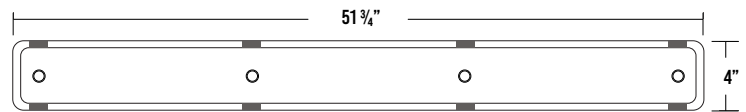
Washdown



### 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 10141 Olney Street  
 F: 626-454-8399 El Monte, CA 91731  
 www.lalighting.com Made in the USA



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**ORDERING INFORMATION**

ADDITIONAL OPTIONS AVAILABLE. VISIT [WWW.LALIGHTING.COM/RESOURCES](http://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 Polycarbonate	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(LED RU) • 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](http://www.lalighting.com/resources) or contact customer service.

**OPTICAL OPTIONS**

ADDITIONAL LENSES AVAILABLE. VISIT [WWW.LALIGHTING.COM/RESOURCES](http://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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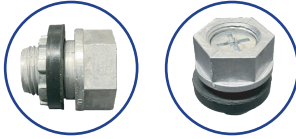
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**MECHANICAL OPTIONS**

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 1/2" 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

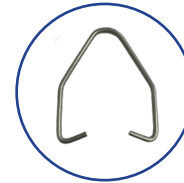
**STAINLESS STEEL MOUNTING BRACKET  
 CIT1/SSMB**

- 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



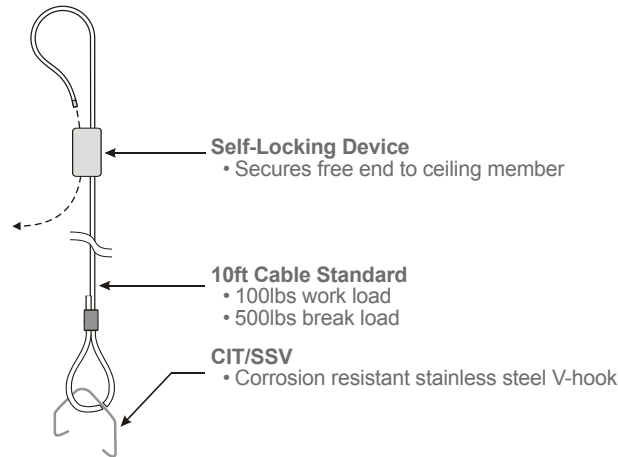
**STAINLESS STEEL V-HOOK  
 CIT/SSV**

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



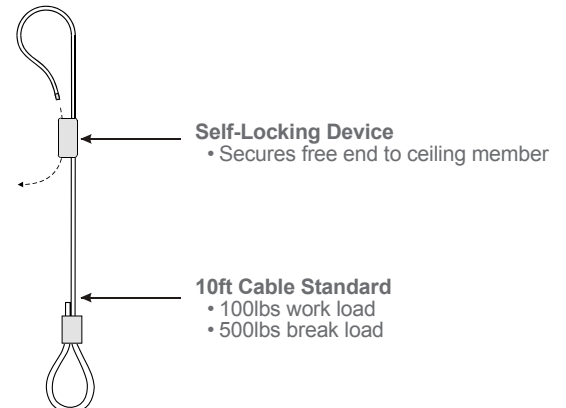
**COMPLETE CABLE MOUNTING SYSTEM  
 CIT/VCS10**

- Complete mounting kit with cables and V-hooks
- 1 kit required to suspend luminaire
- 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	12.4	156.0 lm/W	-20°C / 35°C (-4°F / 95°F)	1-F32T8	*
4000 Lumens (Nominal)	CIT100-4-4L-DRFA-DRDM-UNV-1/840	3809	25.5	149.6 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	39.0	144.2 lm/W	-20°C / 35°C (-4°F / 95°F)	3x F32T8	*
8000 Lumens (Nominal)	CIT100-8-4L-DRFA-DRDM-UNV-1/840	7384	53.1	139.2 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	78.0	144.2 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	12.3	160.4 lm/W	-20°C / 35°C (-4°F / 95°F)	1-F32T8	*
4000 Lumens (Nominal)	CIT100-4HE-4L-DRFA-DRDM-UNV-1/840	3881	24.9	156.0 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	37.8	152.6 lm/W	-20°C / 35°C (-4°F / 95°F)	3-F32T8	*

**NOTE:**

System data as of 4/24/25 (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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