



VAPOR TIGHT CIT200



6 3/4" WIDE FULLY GASKETED VAPOR TIGHT LUMINAIRE

JOB	
TYPE	
DATE	

SURFACE/SUSPENSION/MOUNTED LED LUMINAIRE



Splash Zone option available



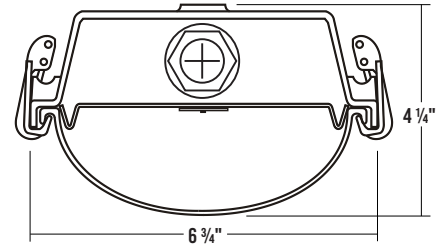
Washdown



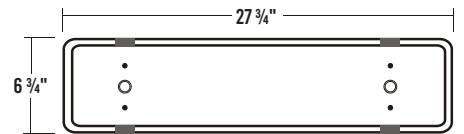
In-Stock PRODUCT



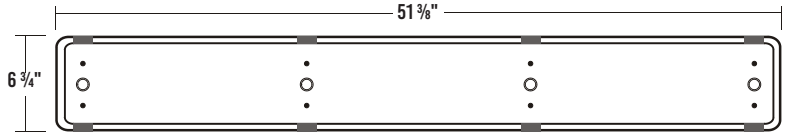
CROSS SECTION



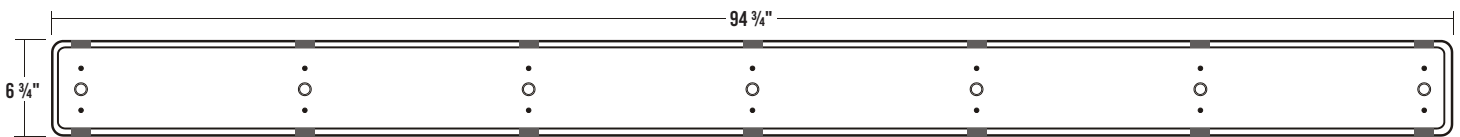
2' BACKPLATE



4' BACKPLATE



8' 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, 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
- Supports California Title 24 compliance

OPTIONS CONTACT CUSTOMER SERVICE FOR ADDITIONAL OPTIONS

- Range of lumen packages
- High ambient temperature (HT) modules
- Range of lenses
- 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.
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 www.lalighting.com Made in the USA



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ORDERING INFORMATION

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

EXAMPLE: CIT200-2-2L-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	AMBIENT TEMP
CIT200									1		
CIT200 • 6 3/4" Wide Fully Gasketed Vapor Tight Luminaire	1 - 1000lm 2 - 2000lm 3 - 3000lm 4 - 4000lm 6 - 6000lm High Efficacy 1HE - 1000lm 2HE - 2000lm 3HE - 3000lm	2L • 2'	DRFA • High Impact Smooth Acrylic Frosted Lens	WL • Wet Location Hardware (2 Stainless Steel Mounting Brackets and 1 Pre-Installed Watertight Hub) WL(RM) • Wet Location Hardware (2 Stainless Steel Mounting Brackets for Threaded Rods 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 BPL1.5 • 1500lm Emergency Battery Pack *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.	HT • High Ambient Temp. *HT cannot be combined with HE systems
	2 - 2000lm 4 - 4000lm 6 - 6000lm 8 - 8000lm 12 - 12000lm High Efficacy 2HE - 2000lm 4HE - 4000lm 6HE - 6000lm 8HE - 8000lm	4L • 4'									
	12 - 12000lm 16 - 16000lm 20 - 20000lm 24 - 24000lm High Efficacy 12HE - 12000lm 16HE - 16000lm 20HE - 20000lm 24HE - 24000lm	8L • 8'									
<p>Standard options for CIT200 shown above. For additional options, including lumen packages, controls, lenses, switches, finishes, and more, visit www.lalighting.com/resources or contact customer service.</p>											

OPTICAL OPTIONS

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

STANDARD LENSES FOR CIT200

DRFA	Impact-Resistant Smooth Acrylic Frosted
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ADDITIONAL AVAILABLE LENSES

DRRLFR	Impact-Resistant Ribbed Acrylic Frosted
FPC	Impact-Resistant Polycarbonate Smooth Frosted
LIRAFR	Impact-Resistant Smooth Frosted Acrylic
DRCA	Impact-Resistant Clear Acrylic



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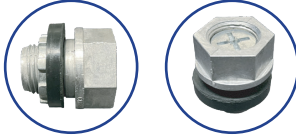
MECHANICAL OPTIONS

Pre-installed mechanical options are ordered by adding the suffix to the luminaire description:
CIT200-12-8L-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
- Six (6) latches provided per 2' luminaire; Eight (8) latches provided per 4' luminaire; Fourteen (14) latches provided per 8' luminaire



TAMPER PROOF SCREWS

TP

- Hex Pin Stainless Steel Tamper Proof Screws



MOUNTING ACCESSORIES

Mounting Brackets - Included with luminaire or available as replacements

STAINLESS STEEL MOUNTING BRACKET

CIT2/SSMB

- Corrosion-resistant stainless steel mounting bracket
- Snaps securely into enclosure without creating hole in housing
- Two required per fixture
- Two brackets included with luminaire when ordering WL option



STAINLESS STEEL MOUNTING BRACKET FOR THREADED RODS

CIT2/SSMBRM

- Corrosion-resistant stainless steel mounting bracket for 3/8" threaded rods
- Snaps securely into enclosure without creating hole in housing
- Ideal for wall-or ceiling-mount applications
- Two required per fixture
- Two brackets included with luminaire when ordering WL(RM) option



Mounting Accessories - Ordered separately from luminaire

STAINLESS STEEL V-HOOK

CIT/SSV

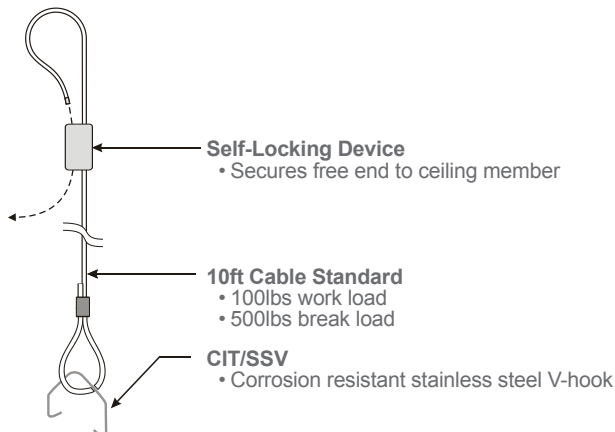
- Corrosion-resistant stainless steel V-hook for suspension mounting
- Connects to stainless steel mounting bracket
- Two V-hooks required per fixture



COMPLETE CABLE MOUNTING SYSTEM

CIT/VCS10

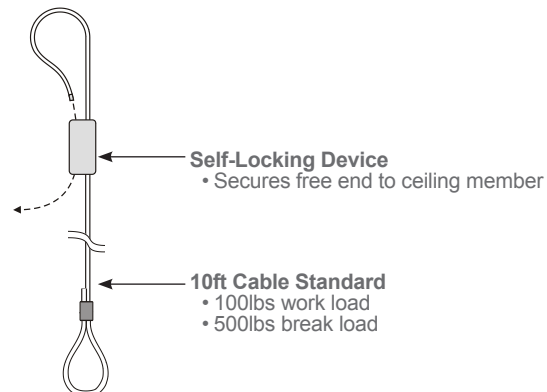
- Complete mounting kit with cables and V-hooks
- 1 kit required to suspend luminaire
- Includes 2x CS10 cable systems and 2x CIT/SSV stainless steel V-hooks



CABLE SUSPENSION SYSTEM

CS10

- Two (2) required per fixture



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MADE IN THE USA
BAA Compliant

SYSTEM DATA

ADDITIONAL LUMEN PACKAGES AVAILABLE. CONTACT CUSTOMER SERVICE FOR MORE INFORMATION

2' - LED LUMEN PACKAGE	NORMAL AMBIENT TEMPERATURE PRODUCT CODE	DELIVERED LUMENS	SYSTEM WATTS	LUMINAIRE EFFICACY	AMBIENT TEMP.	FLUORESCENT EQUIVALENT	IES FILES
1000 Lumens (Nominal)	CIT200-1-2L-DRFA-DRDM-UNV-1/840	1034	7.9	131.5 lm/W	-20°C / 35°C (-4°F / 95°F)	1-F17T8	*
2000 Lumens (Nominal)	CIT200-2-2L-DRFA-DRDM-UNV-1/840	1975	16.6	118.9 lm/W	-20°C / 35°C (-4°F / 95°F)	2-F17T8 1-F24T5HO	LA-T3571
3000 Lumens (Nominal)	CIT200-3-2L-DRFA-DRDM-UNV-1/840	2823	26.2	107.9 lm/W	-20°C / 35°C (-4°F / 95°F)	3-F17T8	*
4000 Lumens (Nominal)	CIT200-4-2L-DRFA-DRDM-UNV-1/840	3687	25.4	145.0 lm/W	-20°C / 35°C (-4°F / 95°F)	4-F17T8 2-F24T5HO	*
6000 Lumens (Nominal)	CIT200-6-2L-DRFA-DRDM-UNV-1/840	5591	39.4	141.9 lm/W	-20°C / 35°C (-4°F / 95°F)	3-F24T5HO 6-F17T8	*
2' - LED LUMEN PACKAGE	NORMAL AMBIENT TEMPERATURE (HIGH EFFICACY) PRODUCT CODE	DELIVERED LUMENS	SYSTEM WATTS	LUMINAIRE EFFICACY	AMBIENT TEMP.	FLUORESCENT EQUIVALENT	IES FILES
1000 Lumens (Nominal)	CIT200-1HE-2L-DRFA-DRDM-UNV-1/840	981	6.3	154.5 lm/W	-20°C / 35°C (-4°F / 95°F)	1-F17T8	*
2000 Lumens (Nominal)	CIT200-2HE-2L-DRFA-DRDM-UNV-1/840	1952	13.0	150.6 lm/W	-20°C / 35°C (-4°F / 95°F)	2-F17T8 1-F24T5HO	*
3000 Lumens (Nominal)	CIT200-3HE-2L-DRFA-DRDM-UNV-1/840	2896	19.8	146.2 lm/W	-20°C / 35°C (-4°F / 95°F)	3-F17T8	*
2' - LED LUMEN PACKAGE	HIGH AMBIENT TEMPERATURE PRODUCT CODE	DELIVERED LUMENS	SYSTEM WATTS	LUMINAIRE EFFICACY	AMBIENT TEMP.	FLUORESCENT EQUIVALENT	IES FILES
2000 Lumens (Nominal)	CIT200-2-2L-DRFA-DRDM-UNV-1/840HT	1859	11.3	163.3 lm/W	-30°C / 45°C (-22°F / 113°F)	1-F24T5HO 2-F17T8	*
3000 Lumens (Nominal)	CIT200-3-2L-DRFA-DRDM-UNV-1/840HT	2841	18.0	157.5 lm/W	-30°C / 45°C (-22°F / 113°F)	3-F17T8	*
4000 Lumens (Nominal)	CIT200-4-2L-DRFA-DRDM-UNV-1/840HT	3791	24.8	152.8 lm/W	-30°C / 45°C (-22°F / 113°F)	2-F24T5HO 4-F17T8	*
4' - LED LUMEN PACKAGE	NORMAL AMBIENT TEMPERATURE PRODUCT CODE	DELIVERED LUMENS	SYSTEM WATTS	LUMINAIRE EFFICACY	AMBIENT TEMP.	FLUORESCENT EQUIVALENT	IES FILES
2000 Lumens (Nominal)	CIT200-2-4L-DRFA-DRDM-UNV-1/835	2075	15.7	132.0 lm/W	-20°C / 35°C (-4°F / 95°F)	1-F32T8	LA-T3762c
4000 Lumens (Nominal)	CIT200-4-4L-DRFA-DRDM-UNV-1/835	3963	33.1	119.7 lm/W	-20°C / 35°C (-4°F / 95°F)	2-F32T8 1-F54T5HO	LA-T3674
6000 Lumens (Nominal)	CIT200-6-4L-DRFA-DRDM-UNV-1/840	5666	52.3	108.3 lm/W	-20°C / 35°C (-4°F / 95°F)	3-F32T8	*
8000 Lumens (Nominal)	CIT200-8-4L-DRFA-DRDM-UNV-1/840	7652	53.8	142.2 lm/W	-20°C / 35°C (-4°F / 95°F)	4-F32T8 2-F54T5HO	LA-T3728
12000 Lumens (Nominal)	CIT200-12-4L-DRFA-DRDM-UNV-1/840	11163	83.3	134.1 lm/W	-20°C / 35°C (-4°F / 95°F)	6-F32T8 3-F54T5HO	LA-T3729
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)	CIT200-2HE-4L-DRFA-DRDM-UNV-1/840	1968	12.7	155.0 lm/W	-20°C / 35°C (-4°F / 95°F)	1-F32T8	*
4000 Lumens (Nominal)	CIT200-4HE-4L-DRFA-DRDM-UNV-1/840	3748	26.9	139.6 lm/W	-20°C / 35°C (-4°F / 95°F)	2-F32T8 1-F54T5HO	*
6000 Lumens (Nominal)	CIT200-6HE-4L-DRFA-DRDM-UNV-1/840	5726	40.0	143.2 lm/W	-20°C / 35°C (-4°F / 95°F)	3-F32T8	*
8000 Lumens (Nominal)	CIT200-8HE-4L-DRFA-DRDM-UNV-1/840	7698	50.9	151.4 lm/W	-20°C / 35°C (-4°F / 95°F)	2-F54T5HO 4-F32T8	*
4' - LED LUMEN PACKAGE	HIGH AMBIENT TEMPERATURE PRODUCT CODE	DELIVERED LUMENS	SYSTEM WATTS	LUMINAIRE EFFICACY	AMBIENT TEMP.	FLUORESCENT EQUIVALENT	IES FILES
4000 Lumens (Nominal)	CIT200-4-4L-DRFA-DRDM-UNV-1/840HT	3936	25.4	155.0 lm/W	-30°C / 50°C (-22°F / 122°F)	2-F32T8 1-F54T5HO	*
6000 Lumens (Nominal)	CIT200-6-4L-DRFA-DRDM-UNV-1/840HT	5900	38.5	153.3 lm/W	-30°C / 50°C (-22°F / 122°F)	3-F32T8	*
8000 Lumens (Nominal)	CIT200-8-4L-DRFA-DRDM-UNV-1/840HT	7820	50.4	155.1 lm/W	-30°C / 50°C (-22°F / 122°F)	4-F32T8 2-F54T5HO	LA-T3197
12000 Lumens (Nominal)	CIT200-12-4L-DRFA-DRDM-UNV-1/840HT	12290	91.9	133.8 lm/W	-30°C / 50°C (-22°F / 122°F)	6-F32T8 3-F54T5HO	LA-T3212

NOTE:
 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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SYSTEM DATA

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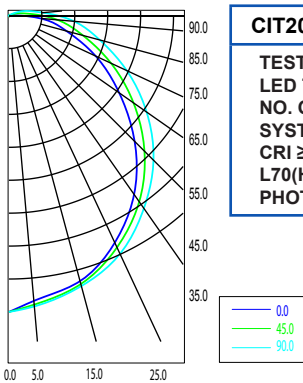
8' - LED LUMEN PACKAGE	NORMAL AMBIENT TEMPERATURE PRODUCT CODE	DELIVERED LUMENS	SYSTEM WATTS	LUMINAIRE EFFICACY	LUMINAIRE EFFICIENCY	AMBIENT TEMP.	FLUORESCENT EQUIVALENT	IES FILES
12000 Lumens (Nominal)	CIT200-12-8L-DRFA-DRDM-UNV-1/840	10705	104.6	102.3 lm/W	92.96%	-20°C / 35°C (-4°F / 95°F)	6-F32T8 3-F54T5HO	LA-T3943b
16000 Lumens (Nominal)	CIT200-16-8L-DRFA-DRDM-UNV-1/840	14456	107.6	134.4 lm/W	92.96%	-20°C / 35°C (-4°F / 95°F)	8-F32T8 4-F54T5HO	*
20000 Lumens (Nominal)	CIT200-20-8L-DRFA-DRDM-UNV-1/840	18853	138.0	136.6 lm/W	92.96%	-20°C / 35°C (-4°F / 95°F)	6-F54T5HO 12-F32T8	*
24000 Lumens (Nominal)	CIT200-24-8L-DRFA-DRDM-UNV-1/840	22536	170.7	132.0 lm/W	92.96%	-20°C / 35°C (-4°F / 95°F)	6-F54T5HO 12-F32T8	*

8' - LED LUMEN PACKAGE	NORMAL AMBIENT TEMPERATURE (HIGH EFFICACY) PRODUCT CODE	DELIVERED LUMENS	SYSTEM WATTS	LUMINAIRE EFFICACY	LUMINAIRE EFFICIENCY	AMBIENT TEMP.	FLUORESCENT EQUIVALENT	IES FILES
12000 Lumens (Nominal)	CIT200-12HE-8L-DRFA-DRDM-UNV-1/840	10982	79.3	138.5 lm/W	92.96%	-20°C / 35°C (-4°F / 95°F)	6-F32T8 3-F54T5HO	*
16000 Lumens (Nominal)	CIT200-16HE-8L-DRFA-DRDM-UNV-1/840	7403	51.8	142.8 lm/W	92.96%	-20°C / 35°C (-4°F / 95°F)	4-F32T8 2-F54T5HO	*
20000 Lumens (Nominal)	CIT200-20HE-8L-DRFA-DRDM-UNV-1/840	18864	126.0	149.8 lm/W	92.96%	-20°C / 35°C (-4°F / 95°F)	6-F54T5HO 12-F32T8	*
24000 Lumens (Nominal)	CIT200-24HE-8L-DRFA-DRDM-UNV-1/840	22537	153.4	146.9 lm/W	92.96%	-20°C / 35°C (-4°F / 95°F)	6-F54T5HO 12-F32T8	*

8' - LED LUMEN PACKAGE	HIGH AMBIENT TEMPERATURE PRODUCT CODE	DELIVERED LUMENS	SYSTEM WATTS	LUMINAIRE EFFICACY	LUMINAIRE EFFICIENCY	AMBIENT TEMP.	FLUORESCENT EQUIVALENT	IES FILES
8000 Lumens (Nominal)	CIT200-8-8L-DRFA-DRDM-UNV-1/840HT	7685	50.8	151.3 lm/W	92.96%	-30°C / 45°C (-22°F / 113°F)	4-F32T8 2-F54T5HO	*
12000 Lumens (Nominal)	CIT200-12-8L-DRFA-DRDM-UNV-1/840HT	11519	77.0	149.6 lm/W	92.96%	-30°C / 45°C (-22°F / 113°F)	6-F32T8 3-F54T5HO	*
16000 Lumens (Nominal)	CIT200-16-8L-DRFA-DRDM-UNV-1/840HT	15299	103.7	147.6 lm/W	92.96%	-30°C / 45°C (-22°F / 113°F)	8-F32T8 4-F54T5HO	*

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PHOTOMETRIC DATA



CIT200-12-8L-DFRA-DRDM-UNV-1/840

TEST NO. = LA-T3647
LED TYPE = 48 LED MODULE
NO. OF MODULE = 4
SYSTEM WATT (W) = 89.9
CRI ≥ 80
L70(Hrs.) ≥ 50,000
PHOTOMETRY TYPE = C

ZONAL LUMEN SUMMARY			
DEGREES	LUMENS	% LAMP	% FIXTURE
0-30	2786	22.5	24.3
0-40	4556	36.9	36.7
0-60	8070	65.3	70.3
0-90	11056	89.5	96.2
90-120	431	3.5	3.8
90-150	432	3.5	3.8
90-180	432	3.5	3.8
0-180	11488	93.0	100.0

SPACING CRITERION	
ALONG	ACROSS
1.20	1.26

Luminaire Output = 11488.05 lumens
Luminaire Efficacy = 127.78 lm/W
Luminaire Efficiency = 92.96%



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