



VAPOR TIGHT CIT202



6 3/4" WIDE FULLY GASKETED, VAPOR TIGHT PARKING STRUCTURE LUMINAIRE

JOB	
TYPE	
DATE	

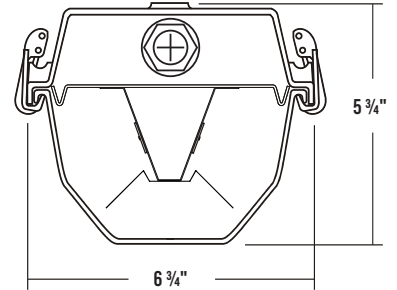
SURFACE/SUSPENSION MOUNTED LED LUMINAIRE



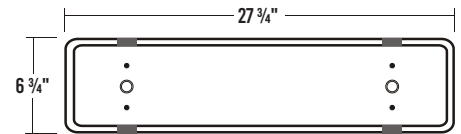
Splash Zone
option available



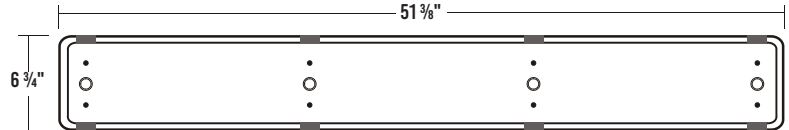
CROSS SECTION



2' BACKPLATE



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) $\leq 20\%$

LISTING

- UL USA and Canada listed
- Suitable for damp locations

WARRANTY

- 5-year limited warranty, 10-year limited warranty available

APPLICATIONS

- Parking Structures, Applications Requiring Wide Light Distribution

FEATURES

- Rated for wet locations and washdown applications
- 0-10V Dimming driver standard
- Supports California Title 24 compliance
- Angled LED tray and deep lens for wider distribution of light

OPTIONS CONTACT CUSTOMER SERVICE FOR ADDITIONAL OPTIONS

- Range of lumen packages
- High ambient temperature (HT) modules
- 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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Revised: 08/20/2024



ORDERING INFORMATION

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

EXAMPLE: CIT202-2-2L-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
CIT202			LIRA FR						2		
CIT202 • 6 3/4" Wide Fully Gasketed, Vapor Tight Parking Structure Luminaire	4 - 4000lm 6 - 6000lm 8 - 8000lm High Efficacy 4HE - 4000lm 6HE - 6000lm 8HE - 8000lm	2L • 2' 4L • 4'	LIRA FR • Impact-Resistant Smooth Frosted Acrylic Lens for Wide Light Distribution	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	2 • 2 LED Rows	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
Standard options for CIT202 shown above. For additional options, including lumen packages, controls, lenses, switches, finishes, and more, visit www.lalighting.com/resources or contact customer service.											



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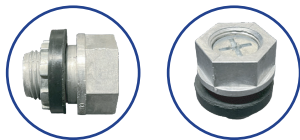


MECHANICAL OPTIONS

Pre-installed mechanical options are ordered by adding the suffix to the luminaire description:
CIT202-4-2L-LIRAFR-WL-WTHUB-UNV-2/840

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



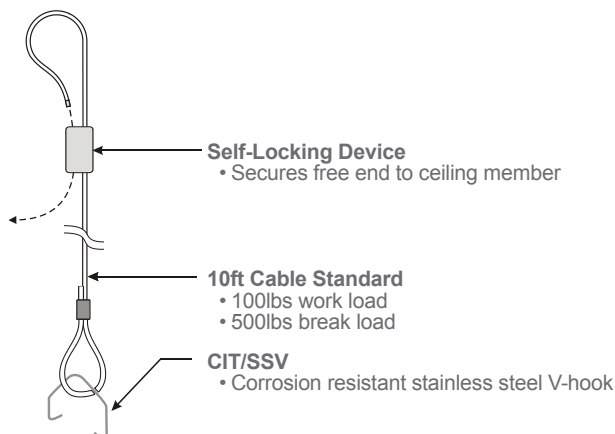
Mounting Accessories - Ordered separately from luminaire

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

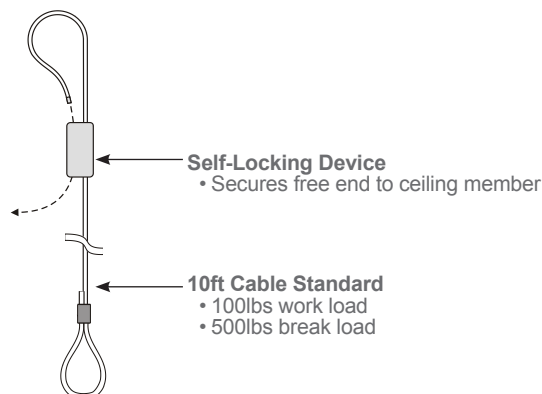
- Corrosion-resistant stainless steel V-hook for suspension mounting
- Connects to stainless steel mounting bracket
- Two V-hooks required per fixture

**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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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
4000 Lumens (Nominal)	CIT202-4-2L-LIRA FR-DRDM-UNV-2/840	3596	33.3	108.1 lm/W	-20°C / 35°C (-4°F / 95°F)	2-F24T5HO, 4-F17T8	*
6000 Lumens (Nominal)	CIT202-6-2L-LIRA FR-DRDM-UNV-2/840	4900	49.6	98.8 lm/W	-20°C / 35°C (-4°F / 95°F)	3-F24T5HO, 6-F17T8	LA-T3199
8000 Lumens (Nominal)	CIT202-8-2L-LIRA FR-DRDM-UNV-2/840	6782	53.8	126.1 lm/W	-20°C / 35°C (-4°F / 95°F)	2-F54T5HO, 4-F24T5HO	*
2' - LED LUMEN PACKAGE	NORMAL AMBIENT TEMPERATURE (HIGH EFFICACY) PRODUCT CODE	DELIVERED LUMENS	SYSTEM WATTS	LUMINAIRE EFFICACY	AMBIENT TEMP.	FLUORESCENT EQUIVALENT	IES FILES
4000 Lumens (Nominal)	CIT202-4HE-2L-LIRA FR-DRDM-UNV-2/840	3473	25.9	134.0 lm/W	-20°C / 35°C (-4°F / 95°F)	2-F24T5HO, 4-F17T8	*
6000 Lumens (Nominal)	CIT202-6HE-2L-LIRA FR-DRDM-UNV-2/840	5152	39.6	130.0 lm/W	-20°C / 35°C (-4°F / 95°F)	3-F24T5HO, 6-F17T8	*

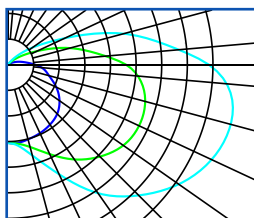
4' - LED LUMEN PACKAGE	NORMAL AMBIENT TEMPERATURE PRODUCT CODE	DELIVERED LUMENS	SYSTEM WATTS	LUMINAIRE EFFICACY	AMBIENT TEMP.	FLUORESCENT EQUIVALENT	IES FILES
4000 Lumens (Nominal)	CIT202-4-4L-LIRA FR-DRDM-UNV-2/840	3545	29.0	122.1 lm/W	-20°C / 35°C (-4°F / 95°F)	2-F24T5HO, 4-F17T8	*
6000 Lumens (Nominal)	CIT202-6-4L-LIRA FR-DRDM-UNV-2/840	5361	44.6	120.1 lm/W	-20°C / 35°C (-4°F / 95°F)	3-F24T5HO, 6-F17T8	*
8000 Lumens (Nominal)	CIT202-8-4L-LIRA FR-DRDM-UNV-2/840	7212	63.8	113.0 lm/W	-20°C / 35°C (-4°F / 95°F)	2-F54T5HO, 4-F24T5HO	LA-T3200
4' - LED LUMEN PACKAGE	NORMAL AMBIENT TEMPERATURE (HIGH EFFICACY) PRODUCT CODE	DELIVERED LUMENS	SYSTEM WATTS	LUMINAIRE EFFICACY	AMBIENT TEMP.	FLUORESCENT EQUIVALENT	IES FILES
4000 Lumens (Nominal)	CIT202-4HE-4L-LIRA FR-DRDM-UNV-2/840	3464	25.4	136.4 lm/W	-20°C / 35°C (-4°F / 95°F)	2-F24T5HO, 4-F17T8	*
6000 Lumens (Nominal)	CIT202-6HE-4L-LIRA FR-DRDM-UNV-2/840	5192	38.5	134.9 lm/W	-20°C / 35°C (-4°F / 95°F)	3-F24T5HO, 6-F17T8	*
8000 Lumens (Nominal)	CIT202-8HE-4L-LIRA FR-DRDM-UNV-2/840	6896	51.8	133.0 lm/W	-20°C / 35°C (-4°F / 95°F)	2-F54T5HO, 4-F24T5HO	*

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.

PHOTOMETRIC DATA



CIT202-6-2L-LIRA FR-DRDM-UNV-2/840

TEST NO. = LA-T3199
LED TYPE = 48 LED MODULE
NO. OF MODULE = 2
SYSTEM WATT (W) = 51.1
CRI ≥ 80
L70(Hrs.) ≥ 50,000
PHOTOMETRY TYPE = C

ZONAL LUMEN SUMMARY

DEGREES	LUMENS	% LAMP	% FIXTURE
0-30	377	6.1	7.5
0-40	731	11.9	14.5
0-60	1822	29.7	36.3
0-90	3895	63.6	77.6
90-120	1036	16.9	20.6
90-150	1123	18.3	22.3
90-180	1123	18.3	22.3
0-180	5019	81.9	100.0

SPACING CRITERION

ALONG	ACROSS
1.43	2.86

Luminaire Output = 4900 lumens
Luminaire Efficacy = 98.8 lm/W
Luminaire Efficiency = 00.0%



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