LA LIGHTING®

VAPOR TIGHT LED
CIT202
6 ¾" WIDE FULLY GASKETED, VAPOR TIGHT PARKING STRUCTURE LUMINAIRE

JOB	
TYPE	
DATE	

SURFACE/SUSPENSION MOUNTED LED LUMINAIRE

NSF Splash Zone option available

CROSS SECTION

5 ¾"

6 ¾"

Watertight Hub Available

2' BACKPLATE

27 ¾"

6 ¾"

4' BACKPLATE

51 ⅜"

6 ¾"
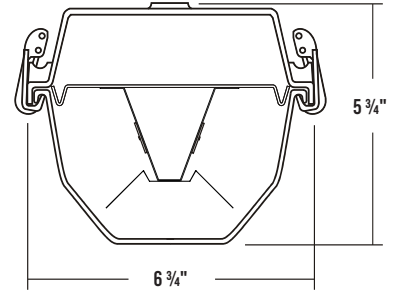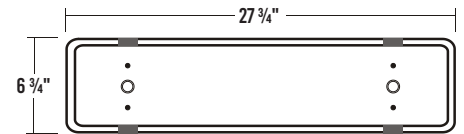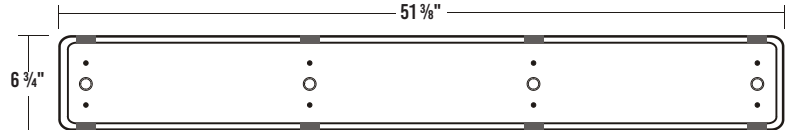
▬ Latch Locations   ◯ Drill Locations for Conduit

*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
• Parking Structures, Applications Requiring Wide Light Distribution

FEATURES
• 0-10V Dimming driver standard
• Suitable for damp locations
• 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
• Range of lenses
• Sensors and controls
• Watertight hub
• Stainless steel mounting bracket
• 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

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	MECHANICAL	CONTROLS	ELECTRICAL	DRIVER	VOLTAGE	# OF LED ROWS	CRI / CCT	AMBIENT TEMP
CIT202			**LIRAFR**						**2**		
CIT202 • 6 ¾" Wide Fully Gasketed, Vapor Tight Parking Structure Luminaire	**4** - 4000lm **6** - 6000lm **8** - 8000lm **High Efficacy** **4HE** - 4000lm **6HE** - 6000lm **4** - 4000lm **6** - 6000lm **8** - 8000lm **High Efficacy** **4HE** - 4000lm **6HE** - 6000lm **8HE** - 8000lm	**2L** • 2' **4L** • 4'	**LIRAFR** • 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-SZ** • Wet Location Hardware plus NSF Splash Zone Certification **WTHUB** • Second Pre-Installed Watertight Hub (Available When Ordering with WL or WL-SZ Option) **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 *Contact Customer Service for wet location sensor options when ordering wet location fixture* *Leave blank if not specified*	**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.

Due to continued product improvements and enhancements, Los Angeles Lighting Manufacturing Company reserves the right to alter specifications, dimensions, data, and/or materials without notice. Please visit our website to view the most current information.

Revised:12/29/2023

MADE IN THE USA
BAA Compliant

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 ½" pipe
• One pre-installed hub included when specifying Wet Location (WL) or Wet Location- Splash Zone (WL-SZ)
• 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 accessories are 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 (CIT2/SSMB, sold separately)
• Two V-hooks required per fixture

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 when ordering WL or WL-SZ 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
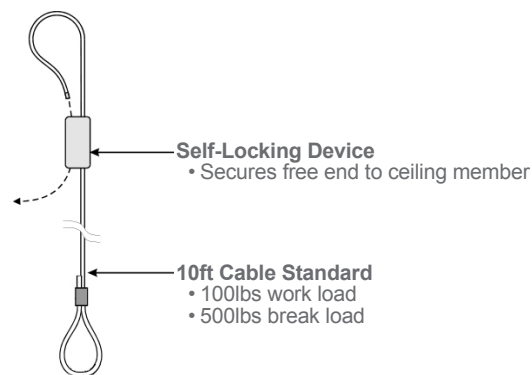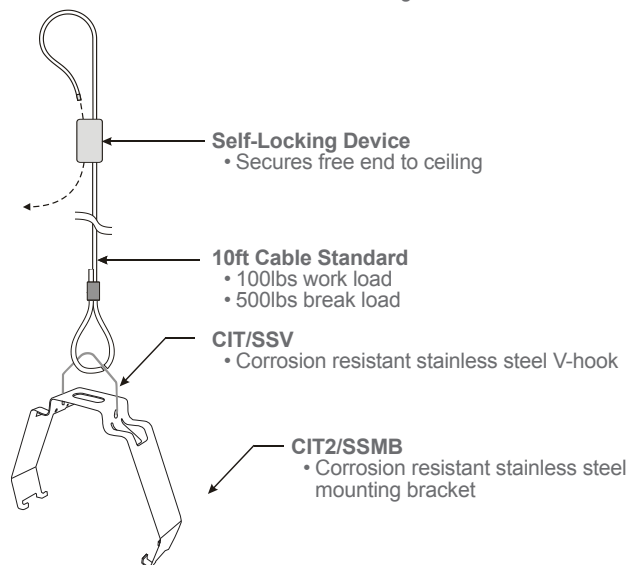• Two brackets included when ordering WL or WL-SZ option

COMPLETE CABLE MOUNTING SYSTEM
CIT2/CS10
• Cable system kit with mounting brackets and V-hooks
• Includes 2x CS10 cable systems, 2x CIT/SSV stainless steel V-hooks, and 2x CIT2/SSMB stainless steel mounting brackets

Self-Locking Device
• Secures free end to ceiling

10ft Cable Standard
• 100lbs work load
• 500lbs break load

CIT/SSV
• Corrosion resistant stainless steel V-hook

CIT2/SSMB
• Corrosion resistant stainless steel mounting bracket

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

Self-Locking Device
• Secures free end to ceiling member

10ft Cable Standard
• 100lbs work load
• 500lbs break load

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-LIRAFR-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-LIRAFR-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-LIRAFR-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-LIRAFR-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-LIRAFR-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-LIRAFR-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-LIRAFR-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-LIRAFR-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-LIRAFR-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-LIRAFR-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-LIRAFR-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
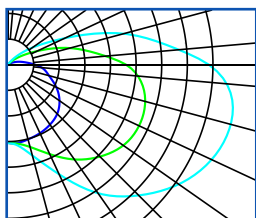
CIT202-6-2L-LIRAFR-DRDM-UNV-2/840

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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RoHS COMPLIANT

UL CERTIFIED

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