



VAPOR TIGHT

CIT200 (8FT) SERIES (2' AND 4' AVAILABLE)

FULLY ENCLOSED IMPACT RESISTANT VAPOR TIGHT GASKETED LUMINAIRE

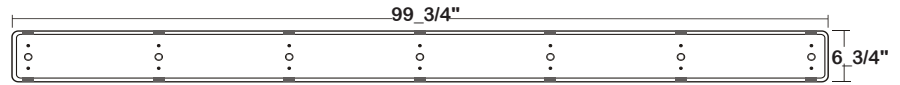
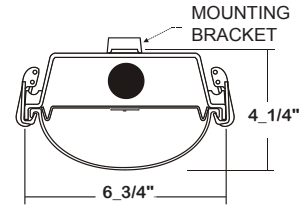
LED

DATE	
JOB	

WWW.LALIGHTING.COM
626-454-8300

SURFACE / SUSPENSION MOUNTED VAPOR TIGHT GASKETED LED LUMINAIRE

DIMENSIONS



APPLICATIONS

- Commercial, Refrigeration, Freezer, Dusty Areas

FEATURES

- 0-10V dimming driver standard (See *DRIVER OPTIONS* for other dimming types)
- Supports California Title 24 compliance
- Safety strap attached to snap-on gear tray

OPTIONS

- Wet location available
- **High (HT)** ambient temperature version available for extreme temperature ranges (See *SYSTEM DATA* for ranges)
- Full customization available upon request
- Additional lumen packages and color temperatures available
- Controls and sensors available (See *SENSOR OPTIONS* for controls and sensors)
- Wireless control options available (See *SENSOR OPTIONS* for wireless controls)
- Variety of lenses available (See *OPTICAL OPTIONS* for lenses)
- Emergency battery pack available (See *BATTERY PACK OPTIONS* for battery pack options)
- Stainless steel latches available
- Tamper proof screws available
- Watertight HUB available
- NSF available
- Cable suspension systems available (See *ACCESSORIES* for details)
- Stainless steel V-hook available (See *ACCESSORIES* for details)
- Mounting bracket available (See *ACCESSORIES* for details)
- Tunable white available (2700K-6500K)

SPECIFICATIONS

CONSTRUCTION

- IP65 / IP66 / IP67 / NEMA 4x Rated Enclosure
- 22 ga. cold rolled steel internal snap-on gear tray / cover
- Fiberglass housing with poured in place polyurethane gasket
- Lens secured to fiberglass housing by polycarbonate latches

FINISH

- Gear Tray - baked white polyester finish (powder coated finish available) / minimum reflectance 86%

OPTICAL

- Impact resistant smooth acrylic frosted lens

ELECTRICAL

- High efficiency drivers coupled with long-life LEDs
- Service life greater than 100,000 hours (L70), 29,000 hours (L90)
- Universal voltage 120V through 277V (347V / 480V available)
- Power Factor (PF) ≥ 0.9
- Total Harmonic Distortion (THD) ≤ 20%

LISTING

- UL USA and Canada listed / suitable for damp locations / wet location available

WARRANTY

- 5-year limited warranty



Los Angeles Lighting Mfg. Co.
Headquarters
10141 Olney Street
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Made in the USA

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Revised 07-26-19

WARNING

ORDERING INFORMATION

EXAMPLE: CIT200-8-8L-DRFA-WL-DRDM-UNV-1/840

SERIES	LED LUMEN PACKAGE	EFFICACY	NOMINAL LENGTH	OPTICAL	MECHANICAL	ELECTRICAL	DRIVER	VOLTAGE	# OF LED ROW	CRI / CCT
CIT200			8L				DRDM	UNV	1	
CIT200 Fully Enclosed Impact Resistant Vapor Tight Gasketed LED Luminaire (Normal Ambient Temperature Version)	4 Nom. 4000 Lumens 8 Nom. 8000 Lumens 12 Nom. 12000 Lumens 16 Nom. 16000 Lumens *Additional Lumen Packages Available	(Blank) Standard HE High Efficacy (Only 4000 / 8000 / 12000 lumens Systems)	8L 8'	DRFA High Impact Smooth Acrylic Frosted <i>See OPTICAL OPTIONS for Options</i>	WL Wet Location (2 SSMB mounting brackets & 1 watertight hub provided) WTHUB Watertight HUB (1 per fixture) SSL Stainless Steel Latches WL-SZ NSF - Splash Zone / Non-Food Zone / Wet Location Included TP Stainless Steel Tamper Proof Screws *Leave Blank if Not Specified <i>Additional Mechanical Options</i>	BPL1.5 Emergency Battery Pack Nom. 1500 lm <i>See BATTERY PACK OPTIONS for Options</i> MSxx Motion Sensor WLC(LED RU) EnOcean Wireless Control <i>See SENSOR OPTIONS for Options</i> *Leave Blank if Not Specified <i>Additional Electrical Options</i>	DRDM 0-10V Dimming Drive <i>See DRIVER OPTIONS for Options</i>	UNV 120V-277V <i>See DRIVER OPTIONS for Options</i>	1 One LED Row	830 80+CRI / 3000K Color Temp. 835 80+CRI / 3500K Color Temp. 840 80+CRI / 4000K Color Temp. 850 80+CRI / 5000K Color Temp. *Additional Color Temp. Available

SERIES	LED LUMEN PACKAGE	NOMINAL LENGTH	OPTICAL	MECHANICAL	ELECTRICAL	DRIVER	VOLTAGE	# OF LED ROW	CRI / CCT	AMBIENT TEMP.
CIT200		8L				DRDM	UNV	1		HT
CIT200 Fully Enclosed Impact Resistant Vapor Tight Gasketed LED Luminaire (HT - High Ambient Temperature Version)	8 Nom. 8000 Lumens 12 Nom. 12000 Lumens 16 Nom. 16000 Lumens *Additional Lumen Packages Available	8L 8'	DRFA High Impact Smooth Acrylic Frosted <i>See OPTICAL OPTIONS for Options</i>	WL Wet Location (2 SSMB mounting brackets & 1 watertight hub provided) WTHUB Watertight HUB (1 per fixture) SSL Stainless Steel Latches WL-SZ NSF - Splash Zone / Non-Food Zone / Wet Location Included TP Stainless Steel Tamper Proof Screws *Leave Blank if Not Specified <i>Additional Mechanical Options</i>	BPL1.5 Emergency Battery Pack Nom. 1500 lm <i>See BATTERY PACK OPTIONS for Options</i> MSxx Motion Sensor WLC(LED RU) EnOcean Wireless Control <i>See SENSOR OPTIONS for Options</i> *Leave Blank if Not Specified <i>Additional Electrical Options</i>	DRDM 0-10V Dimming Drive <i>See DRIVER OPTIONS for Options</i>	UNV 120V-277V <i>See DRIVER OPTIONS for Options</i>	1 One LED Row	835 80+CRI / 3500K Color Temp. 840 80+CRI / 4000K Color Temp. 850 80+CRI / 5000K Color Temp. *Additional Color Temp. Available	HT High Ambient Temp.

PERFORMANCE DATA

[VIEW LIGHTING FACTS](#)

[VIEW PHOTOMETRICS](#)



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SYSTEM DATA

THESE ARE THE MOST POPULAR LUMEN PACKAGES. PLEASE CONSULT FACTORY FOR ADDITIONAL SYSTEM DATA.

NOMINAL SIZE	LED LUMEN PACKAGE	OPTICAL OPTION	CRI / CCT	AMBIENT TEMP.	DELIVERED LUMENS	SYSTEM WATTS	LUMINAIRE EFFICACY	FLUORESCENT EQUIVALENT	IES FILES
8'	4000 lm	DRRLFR	840	Normal	3920 lm	31.4 W	124.7 lm/W	2-F32T8	*
	4000HE lm	DRRLFR	840	Normal	3718 lm	25.4 W	146.5 lm/W	2-F32T8	*
	8000 lm	DRRLFR	840	Normal	7489 lm	66.7 W	112.4 lm/W	4-F32T8, 2-F54T5HO	*
				HT	7685 lm	50.8 W	151.3 lm/W		*
	8000 lm*	DRRLFR	840	Normal	7374 lm	65.3 W	113 lm/W	4-F32T8, 2-F54T5HO	LA-T2848
			850		7488 lm	65.7 W	114 lm/W		LA-T2849
	8000HE lm	DRRLFR	840	Normal	7403 lm	51.8 W	142.8 lm/W	4-F32T8, 2-F54T5HO	*
	12000 lm	DRRLFR	840	Normal	10705 lm	104.6 W	102.3 lm/W	6-F32T8	*
				HT	11519 lm	77.0 W	149.6 lm/W		*
	12000 lm*	DRRLFR	835	Normal	11040 lm	90.3 W	122 lm/W	6-F32T8	*
			840		11520 lm	90.1 W	128 lm/W		LA-T2852
			850		11790 lm	91.5 W	129 lm/W		LA-T2853
	12000HE lm	DRRLFR	840	Normal	10982 lm	79.3 W	138.5 lm/W	6-F32T8	*
	16000 lm	DRRLFR	840	Normal	14456 lm	107.6 W	134.4 lm/W	4-F54T5HO	*
HT				15299 lm	103.7 W	147.6 lm/W	*		

NOTE:

System data above is based on 120V input voltage. DLC system data** based on DLC testing parameters. Actual performance may differ as a result of end-user environment and application.
 HT: High Ambient Operating Temperature Minimum -30°C / Maximum 50°C
 Normal: 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 from -20°C to 35°C.

Additional lumen packages and color temperatures available.

Due to constant updates on this product, please visit the [DLC QPL Website](#) for the most accurate system data and information.

**



DLC Premium part numbers:

- CIT200-8-8L-DRRLFR-XXX-XXXX-DRDMxx(XXX)-UNV-1/840
- CIT200-8-8L-DRRLFR-XXX-XXXX-DRDMxx(XXX)-UNV-1/850
- CIT200-12-8L-DRRLFR-XXX-XXXX-DRDMxx(XXX)-UNV-1/835
- CIT200-12-8L-DRRLFR-XXX-XXXX-DRDMxx(XXX)-UNV-1/840
- CIT200-12-8L-DRRLFR-XXX-XXXX-DRDMxx(XXX)-UNV-1/850



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SENSOR OPTIONS**DRY AND DAMP LOCATION MOTION SENSORS - HIGH / LOW AISLE MOUNTING APPLICATIONS - END MOUNT****MS - Motion Sensor**

- Turns light ON/OFF based on motion detection
- Fixture mounting height 8-45'
- Universal Voltage (120V-277V)
- 480V available

MSSD - Motion Sensor – Step Dimming

- Step-dims light to desired preset level (based on motion detection)
- Used in conjunction with 0-10V Ballast/Driver
- Fixture mounting height 8-45'
- Universal Voltage (120V-277V)

MSPC - Motion Sensor & Photocell

- Holds lights OFF when sufficient daylight is present regardless of motion detection
- Fixture mounting height 8-45'
- Universal Voltage (120V-277V)

MSPCD(ADC) - Motion Sensor & PhotoCell Dimming (Auto Dim Control)

- Variably dims output to desired preset footcandle level through photocell ON/OFF with motion detection
- Used in conjunction with 0-10V Ballast/Driver
- Fixture mounting height 8-45'
- Universal Voltage (120V-277V)

MSPCD(ANL) - Motion Sensor & Photocell Dimming (Auto Night Light)

- Variably dims output to desired footcandles through photocell
- Low setting when unoccupied (full on with motion)
- For 24 hour use
- Used in conjunction with 0-10V Ballast/Driver
- Fixture mounting height 8-45'
- Universal Voltage (120V-277V)

MSPCDR - Motion Sensor & Photocell Dimming (Setup with Remote Control)

- Field adjustable dimming sensor capabilities:
 - Step Dim (HIGH/LOW output)
 - Auto Dim Control (dim to desired footcandles, ON/OFF with motion)
 - Auto Night Light (dim to desired footcandles, LOW without motion)
- Used in conjunction with 0-10V dimming Ballast /Driver
- Holds lights OFF when sufficient daylight is present regardless of motion detection
- Adjustable ramp up and fade down time
- Fixture mounting height 8-40'
- Universal Voltage (120V-277V)
- Remote setup and adjustment with handheld wireless tool (sold separately)

PCSD - Dimming Photocell Sensor

- Dims output to desired footcandles through photocell
- Used in conjunction with 0-10V Ballast/Driver
- Fixture mounting height 8-45'
- Universal Voltage (120V-277V)

WET LOCATION MOTION SENSORS - HIGH / LOW AISLE MOUNTING APPLICATIONS - END MOUNT**MSW(HI) - Motion Sensor Wet (HI)**

- Turns light ON/OFF based on motion detection
- High mounting height applications 15-30' / Universal Voltage (120V-277V)
- 480V available

MSPCW(HI) - Motion Sensor & Photocell Wet (HI)

- Holds lights OFF when sufficient daylight is present regardless of motion detection
- High mounting height applications 15-30' / Universal voltage (120V-277V)

MSSDW(HI) - Motion Sensor – Step Dimming Wet (HI)

- Step-dims light to desired preset level (based on motion detection)
- Used in conjunction with 0-10V Ballast/Driver
- Fixture mounting height 15-30' / Universal Voltage (120V-277V)

MSPCDW(HI) - Motion Sensor & Photocell Dimming Wet (HI)

- Field adjustable dimming sensor capabilities:
 - Step Dim (HIGH/LOW output)
 - Auto Dim Control (dim to desired footcandles, ON/OFF with motion)
 - Auto Night Light (dim to desired footcandles, LOW Setting without motion)
- Used in conjunction with 0-10V Ballast/Driver
- High mounting height applications 15-30' / Universal voltage (120V-277V)

MSPCDW(LOW) - Motion Sensor & Photocell Dimming Wet (LOW)

- Field adjustable dimming sensor capabilities:
 - Step Dim (HIGH/LOW output)
 - Auto Dim Control (dim to desired footcandles, ON/OFF with motion)
 - Auto Night Light (dim to desired footcandles, LOW SETTING without motion)
- Used in conjunction with 0-10V Ballast/Driver
- Low mounting height applications 8-15' / Universal voltage (120V-277V)

MSW(LOW) - Motion Sensor Wet (LOW)

- Turns light ON/OFF based on motion detection
- Low mounting height applications 8-15'
- Universal Voltage (120V-277V)
- 480V available

MSPCW(LOW) - Motion Sensor & Photocell Wet (LOW)

- Holds lights OFF when sufficient daylight is present regardless of motion detection
- Low mounting height applications 8-15'
- Universal voltage (120V-277V)

MSSDW(LOW) - Motion Sensor – Step Dimming Wet (LOW)

- Step-dims light to desired preset level (based on motion detection)
- Used in conjunction with 0-10V Ballast/Driver
- Fixture mounting height 8-15'
- Universal Voltage (120V-277V)

MSPCDRW - Motion Sensor & Photocell Dimming (Setup with Remote Control, Wet)

- Field adjustable dimming sensor capabilities:
 - Step Dim (HIGH/LOW output)
 - Auto Dim Control (dim to desired footcandles, ON/OFF with motion)
 - Auto Night Light (dim to desired footcandles, LOW without motion)
- Used in conjunction with 0-10V dimming Ballast /Driver
- Holds lights OFF when sufficient daylight is present regardless of motion detection
- Adjustable ramp up and fade down time
- Fixture mounting height 8-40'
- Universal Voltage (120V-277V)
- Remote setup and adjustment with handheld wireless tool (sold separately)

**CONTROLS AND SENSORS****WLC(LED RU) - EnOcean® LED Relay Zone Controller**

- Supports a single LED fixture or multiple daisy chained LED fixtures
- Module installed inside lighting fixture

ESRPW-W-EO - EnOcean® Rocker Switch – Single – Surface Mount

- Wireless single rocker switch with mounting plate
- No batteries needed

EDRPW-W-EO - EnOcean® Rocker Switch – Double – Surface Mount

- Wireless double rocker switch with mounting plate
- No batteries needed

S3054-N300 - EnOcean® Navigan NWC 300U – Commissioning Tool

- Navigan Wireless Commissioner is used to configure EnOcean controllers & sensors
- It can be used to define link tables, change parameters/settings, and to edit & store projects
- Configuration settings can be saved and cloned to enable quick configuration
- Connectivity is through the NWC 300U USB Stick

EOSWU-W-EO - EnOcean® Occupancy Sensor – Wall Mount

- Wireless wall mounted occupancy sensor
- Solar powered - no batteries needed (coin battery operated in low light conditions)
- PIR motion sensor with both wide angle (50') and long range (100') options
- Mounting height: 6-8 feet

EOSCU-W-EO - EnOcean® Occupancy Sensor – Ceiling Mount

- Wireless ceiling mounted occupancy sensor
- Solar powered - no batteries needed (coin battery operated in low light conditions)
- PIR motion sensor with 360 degree viewing angle lens (34' diameter)
- Mounting height: 7-10 feet

ELLSU-W-EO - EnOcean® Light Level Sensor – Ceiling Mount

- Light Level sensor that measures and reports the level of available natural light
- Solar powered - no batteries needed (coin battery operated in low light conditions)
- Enables implementation of daylight harvesting control systems
- Mounting position: At the ceiling, close to ambient light source

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OPTICAL OPTIONS

STANDARD LENSES FOR CIT200

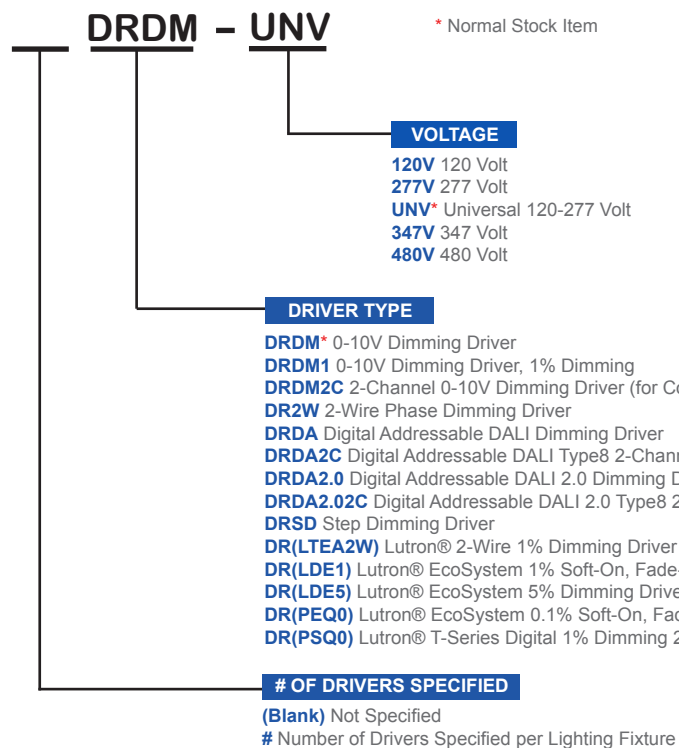
DRFA	Impact Resistant Smooth Acrylic Frosted
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ADDITIONAL AVAILABLE LENSES

DRRFLR	Impact Resistant Ribbed Acrylic Frosted
FPC	Impact Resistant Polycarbonate Smooth Frosted
LIRAFR	Deep Impact Resistant Smooth Frosted Acrylic

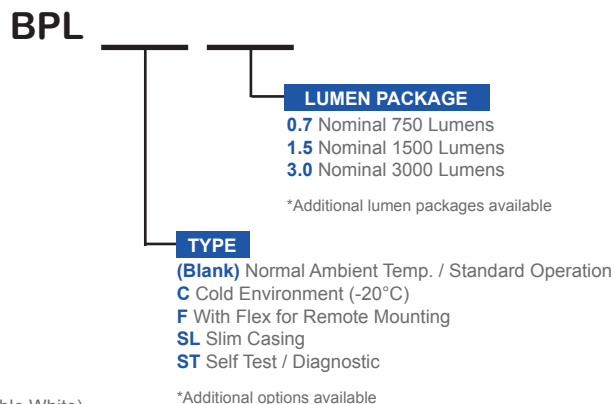
DRIVER OPTIONS

PLEASE CONSULT FACTORY TO SEE IF YOUR SELECTED DRIVER OPTION WORKS WITH THIS FIXTURE.



BATTERY PACK OPTIONS

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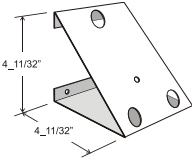
WARNING

ACCESSORIES



CIT2/SSMB

- Corrosion resistant stainless steel mounting bracket
- Two (2) brackets per set
- Fixture snaps securely into place (mounting method does not require stud in fixture)



45MB

- 45-Degree Mounting Bracket
- Designed for mounting lighting fixtures at 45° angle
- Two (2) brackets needed per fixture
- Ideal for wall or ceiling mount applications
- 18 ga. electro galvanized steel
- Baked white powder coated finish

Note: Must use with CIT2/SSMB



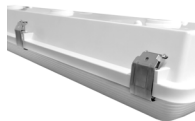
CIT2/SSV

- Corrosion resistant stainless steel V-hooks for chain mount applications
- Two (2) hooks per set
- Hooks work in conjunction with stainless steel mounting brackets (CIT2/SSMB) (mounting bracket sold separately)



CIT2/SSMBRM

- Stainless steel mounting bracket for 3/8" threaded rods
- Corrosion resistant stainless steel mounting bracket
- Two (2) brackets per set
- Fixture snaps securely into place (mounting method does not require stud in fixture)

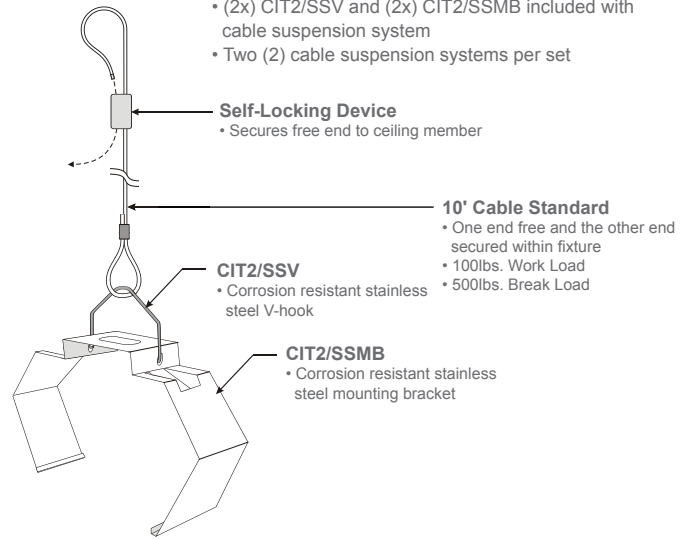


SSL

- Stainless steel latches
- Corrosion resistant stainless steel latches
- Eight (8) latches per set

CIT2/CS10

- Cable Suspension System
- Cable suspension system works in conjunction with stainless steel V-hooks (CIT2/SSV) and stainless steel mounting brackets (CIT2/SSMB)
- (2x) CIT2/SSV and (2x) CIT2/SSMB included with cable suspension system
- Two (2) cable suspension systems per set



Cable Suspension System

• See [Mechanical Options](#) for additional Cable Suspension Systems



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LED lighting facts

CIT200-8-8L-DRRLFR-1DRDM-UNV-1/840

- 8000 Lumens System
- L70 performance at 102,000 hours



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LED lighting facts
A Program of the U.S. DOE

Light Output (Lumens)	7374
Watts	65.26
Lumens per Watt (Efficacy)	112.99

Color Accuracy
Color Rendering Index (CRI) **84**

Light Color
Correlated Color Temperature (CCT) **4118 (Bright White)**

2700K 3000K 4500K 6500K

All results are according to IESNA LM-79-2008: *Approved Method for the Electrical and Photometric Testing of Solid-State Lighting*. The U.S. Department of Energy (DOE) verifies product test data and results.

Visit www.lightingfacts.com for the *Label Reference Guide*.

Registration Number: -EX7PFD (6/28/2017)
Model Number: [Blank, 4]-CIT200-8[Blank, K]-8L-DRRLFR-xxx-xxxxx-1DRDMxx(XXX)-UNV-1/840
Type: Luminaire - Linear

CIT200-8-8L-DRRLFR-1DRDM-UNV-1/850

- 8000 Lumens System
- L70 performance at 107,000 hours
- L90 performance at 29,000 hours



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LED lighting facts
A Program of the U.S. DOE

Light Output (Lumens)	7488
Watts	65.66
Lumens per Watt (Efficacy)	114.04

Color Accuracy
Color Rendering Index (CRI) **83**

Light Color
Correlated Color Temperature (CCT) **5160 (Daylight)**

2700K 3000K 4500K 6500K

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Registration Number: -SR7JPQ (6/28/2017)
Model Number: [Blank, 4]-CIT200-8[Blank, K]-8L-DRRLFR-xxx-xxxxx-1DRDMxx(XXX)-UNV-1/850
Type: Luminaire - Linear

CIT200-12-8L-DRRLFR-1DRDM-UNV-1/835

- 12000 Lumens System
- L70 performance at 86,000 hours
- L90 performance at 26,000 hours



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LED lighting facts
A Program of the U.S. DOE

Light Output (Lumens)	11040
Watts	90.25
Lumens per Watt (Efficacy)	122.33

Color Accuracy
Color Rendering Index (CRI) **84**

Light Color
Correlated Color Temperature (CCT) **3540 (Bright White)**

2700K 3000K 4500K 6500K

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Registration Number: -KNP7MQ (6/28/2017)
Model Number: [Blank, 4]-CIT200-12[Blank, K]-8L-DRRLFR-xxx-xxxxx-1DRDMxx(XXX)-UNV-1/835
Type: Luminaire - Linear

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

- 12000 Lumens System
- L70 performance at 86,000 hours
- L90 performance at 26,000 hours



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LED lighting facts
A Program of the U.S. DOE

Light Output (Lumens)	11520
Watts	90.12
Lumens per Watt (Efficacy)	127.83

Color Accuracy
Color Rendering Index (CRI) **83**

Light Color
Correlated Color Temperature (CCT) **4108 (Bright White)**

2700K 3000K 4500K 6500K

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Registration Number: -XM241B (6/28/2017)
Model Number: [Blank, 4]-CIT200-12[Blank, K]-8L-DRRLFR-xxx-xxxxx-1DRDMxx(XXX)-UNV-1/840
Type: Luminaire - Linear



LOS ANGELES LIGHTING MFG. CO.

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LED lighting facts

CIT200-12-8L-DRRLFR-1DRDM-UNV-1/850

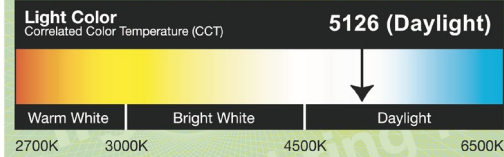
- 12000 Lumens System
- L70 performance at 86,000 hours
- L90 performance at 26,000 hours



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Light Output (Lumens)	11790
Watts	91.45
Lumens per Watt (Efficacy)	128.92

Color Accuracy Color Rendering Index (CRI)	83
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Registration Number: -JQS17W (6/28/2017)

Model Number: [Blank, 4]-CIT200-12[Blank, K]-8L-DRRLFR-xxx-xxxxx-1DRDMxx(XXX)-UNV-1

Type: Luminaire - Linear



LOS ANGELES LIGHTING MFG. CO.

10141 OLNEY ST. / EL MONTE, CA 91731

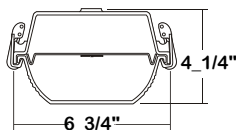
TEL 626-454-8300 | FAX 626-454-8399 |

www.lalighting.com

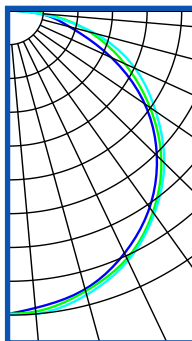
PHOTOMETRIC DATA - CIT200 SERIES

CIT200-8-8L-DRRLFR-1DRDM(ULT)-UNV-1/840(SAM)

TEST NO.=LA-T2848
 LED TYPE= 32 LED MODULE
 NO. OF MODULE=2
 SYSTEM WATT (W)=65.2 W
 CRI ≥ 80
 L70(Hrs.) = 107,000
 PHOTOMETRY TYPE=C



Lineal Ribbed



CANDLEPOWER

ANGLE	END	45	CROSS
0	2332	2332	2332
5	2337	2323	2327
15	2233	2246	2248
25	2061	2066	2070
35	1789	1812	1831
45	1452	1501	1549
55	1086	1177	1258
65	740	868	997
75	425	598	742
85	213	400	519
90	79	258	361
95	31	181	266
115	2	30	80
125	1	4	22
135	1	1	1
145	1	2	2
155	1	1	1
165	1	1	1
175	1	1	1
180	1	1	1

ZONAL LUMEN SUMMARY

DEGREES	LUMENS	% LAMP	% FIXTURE
0-30	1814	22.3	24.6
0-40	2952	36.3	40.0
0-60	5168	63.6	70.0
0-90	7033	86.5	95.3
90-120	331	4.0	4.4
90-150	340	4.1	4.6
90-180	341	4.1	4.6
0-180	7374	90.7	

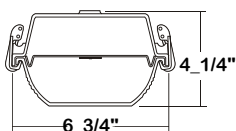
Luminaire Output= 7374 lumens
 Luminaire Efficacy = 113 LPW

SPACING CRITERION

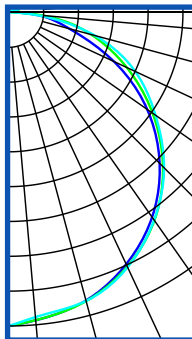
ALONG	ACROSS
1.23	1.24

CIT200-8-8L-DRRLFR-1DRDM(ULT)-UNV-1/850(SAM)

TEST NO.=LA-T2849
 LED TYPE= 32 LED MODULE
 NO. OF MODULE=2
 SYSTEM WATT (W)=65.6 W
 CRI ≥ 80
 L70(Hrs.) = 107,000
 L90(Hrs.) = 30,000
 PHOTOMETRY TYPE=C



Lineal Ribbed



CANDLEPOWER

ANGLE	END	45	CROSS
0	2407	2407	2407
5	2354	2363	2360
15	2280	2271	2275
25	2086	2100	2100
35	1825	1842	1854
45	1485	1523	1570
55	1100	1193	1280
65	748	881	1009
75	436	606	750
85	219	403	531
90	82	262	370
95	31	182	269
115	2	31	81
125	1	4	22
135	1	1	1
145	1	1	1
155	1	1	2
165	1	1	2
175	1	1	1
180	1	1	1

ZONAL LUMEN SUMMARY

DEGREES	LUMENS	% LAMP	% FIXTURE
0-30	1841	22.3	24.5
0-40	2997	36.3	40.0
0-60	5247	63.6	70.1
0-90	7140	86.5	95.3
90-120	336	4.0	4.4
90-150	345	4.1	4.6
90-180	346	4.1	4.6
0-180	7485	90.7	100.0

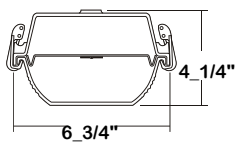
Luminaire Output= 7485 lumens
 Luminaire Efficacy = 114 LPW

SPACING CRITERION

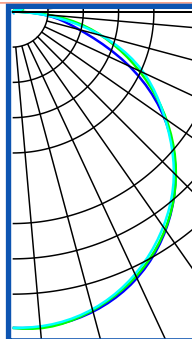
ALONG	ACROSS
1.20	1.21

CIT200-12-8L-DRRLFR-1DRDM(ULT)-UNV-1/840(SAM)

TEST NO.=LA-T2852
 LED TYPE= 72 LED MODULE
 NO. OF MODULE=2
 SYSTEM WATT (W)=90.1 W
 CRI ≥ 80
 L70(Hrs.) = 107,000
 L90(Hrs.) = 30,000
 PHOTOMETRY TYPE=C



Lineal Ribbed



CANDLEPOWER

ANGLE	END	45	CROSS
0	3535	3535	3535
5	3533	3519	3507
15	3431	3462	3436
25	3270	3259	3230
35	2956	2938	2923
45	2511	2526	2532
55	1917	2014	2047
65	1248	1474	1550
75	613	926	996
85	229	492	521
90	97	279	297
95	43	178	202
115	3	42	96
125	1	7	36
135	1	2	2
145	1	2	3
155	1	1	2
165	0	1	1
175	1	0	0
180	0	0	0

ZONAL LUMEN SUMMARY

DEGREES	LUMENS	% LAMP	% FIXTURE
0-30	2820	23.2	24.4
0-40	4666	38.5	40.5
0-60	8413	69.4	73.0
0-90	11174	92.2	97.0
90-120	330	2.7	2.8
90-150	344	2.8	2.9
90-180	345	2.8	2.9
0-180	11518	95.1	100.0

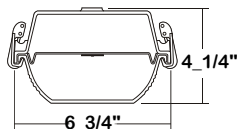
Luminaire Output= 11518 lumens
 Luminaire Efficacy = 128 LPW

SPACING CRITERION

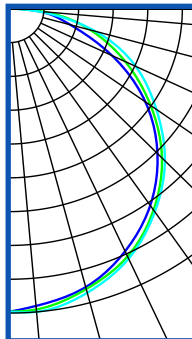
ALONG	ACROSS
1.30	1.29

CIT200-12-8L-DRRLFR-1DRDM(ULT)-UNV-1/850(SAM)

TEST NO.=LA-T2853
 LED TYPE= 72 LED MODULE
 NO. OF MODULE=2
 SYSTEM WATT (W)=91.4 W
 CRI ≥ 80
 L70(Hrs.) = 107,000
 L90(Hrs.) = 30,000
 PHOTOMETRY TYPE=C



Lineal Ribbed



CANDLEPOWER

ANGLE	END	45	CROSS
0	3715	3715	3715
5	3605	3594	3577
15	3514	3535	3517
25	3349	3332	3297
35	3029	3003	2997
45	2568	2578	2587
55	1967	2064	2115
65	1283	1505	1587
75	625	947	1021
85	237	506	533
90	96	284	302
95	44	182	206
115	3	44	99
125	1	7	37
135	1	2	2
145	1	2	3
155	0	1	2
165	0	1	1
175	0	0	0
180	0	1	1

ZONAL LUMEN SUMMARY

DEGREES	LUMENS	% LAMP	% FIXTURE
0-30	2883	23.2	24.4
0-40	4773	38.5	40.4
0-60	8611	69.4	73.0
0-90	11437	92.2	97.0
90-120	338	2.7	2.8
90-150	352	2.8	2.9
90-180	353	2.8	2.9
0-180	11790	95.1	100.0

Luminaire Output= 11790 lumens
 Luminaire Efficacy = 129 LPW

SPACING CRITERION

ALONG	ACROSS
1.27	1.26

