



VAPOR TIGHT LED

CIT400 (2FT) SERIES (4' AVAILABLE)

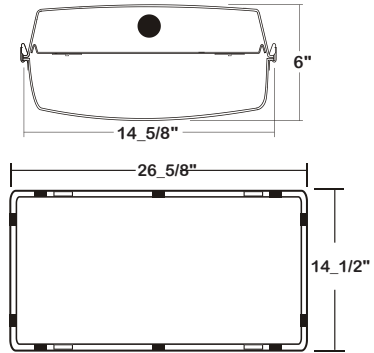
FULLY ENCLOSED IMPACT RESISTANT VAPOR TIGHT GASKETED LUMINAIRE

DATE	
JOB	

WWW.LALIGHTING.COM
626-454-8300

SUSPENSION / CEILING MOUNTED VAPOR TIGHT GASKETED LED LUMINAIRE

DIMENSIONS



■ Stainless Steel Latch
□ Mounting Tab

APPLICATIONS

- Commercial, Refrigeration, Freezer, Food Processing, 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)
- Lens tether available (2 per fixture)
- Emergency battery pack available (See BATTERY PACK OPTIONS for battery pack options)
- Tamper proof screws available
- Watertight HUB available
- NSF available
- Cord and plug available (See INSTALLATION INSTRUCTIONS for wet location applications)
- Cable suspension systems available (See ACCESSORIES for details)
- Stainless steel V-hook available (See ACCESSORIES for details)
- Ceiling mount hanger available (See ACCESSORIES for details)
- Tunable white available (2700K-6500K)

SPECIFICATIONS

CONSTRUCTION

- IP65 / IP66 / IP67 / NEMA 4x Rated Enclosure
- 22 ga. cold rolled steel captive gear tray
- Fiberglass housing with poured in place polyurethane gasket
- Stainless steel latches and mounting tabs
- Lens secured to fiberglass housing by stainless steel latches

FINISH

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

OPTICAL

- Impact resistant frosted acrylic lens

ELECTRICAL

- High efficiency drivers coupled with long-life LEDs
- Service life tested at 50,000-279,000 hours (L70), 92,000 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



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WARNING

ORDERING INFORMATION

EXAMPLE: CIT400-4-2L-DRFA-BPL10-DRDM-UNV-1/840HT

SERIES	LED LUMEN PACKAGE	EFFICACY	NOMINAL LENGTH	OPTICAL	MECHANICAL	ELECTRICAL	DRIVER	VOLTAGE	# OF LED ROW	CRI / CCT
CIT400			2L				DRDM	UNV		
CIT400 Fully Enclosed Impact Resistant Vapor Tight Gasketed LED Luminaire (Normal Ambient Temperature Version)	4 Nom. 4000 Lumens 6 Nom. 6000 Lumens 8 Nom. 8000 Lumens 12 Nom. 12000 Lumens *Additional Lumen Packages Available	(Blank) Standard HE High Efficacy	2L 2'	DRFA Impact Resistant Smooth Frosted Acrylic FPC Impact Resistant Frosted Polycarbonate See OPTICAL OPTIONS for Options	WL Wet Location (1 watertight hub provided) WTHUB Watertight HUB (1 per fixture) LT Lens Tether (2 per fixture) WL-SZ NSF - Splash Zone / Non-Food Zone / Wet Location Included TP Stainless Steel Tamper Proof Screws *Leave Blank if Not Specified Additional Mechanical Options	BPL10 Emergency Battery Pack Constant 10W Nom. 1500 lm See BATTERY PACK OPTIONS for Options MSxx Motion Sensor WLC(LED RU) Wireless Control See SENSOR OPTIONS for Options CPXXX Cord and Plug See CORD AND PLUG for Details *Leave Blank if Not Specified Additional Electrical Options	DRDM 0-10V Dimming Drive See DRIVER OPTIONS for Options	UNV 120V-277V See DRIVER OPTIONS for Options	2 Two LED Rows (Only 4000 / 6000 / 8000 lumens Systems) 4 Four LED Rows (Only 8000HE / 12000 lumens Systems)	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.
CIT400		2L				DRDM	UNV			HT
CIT400 Fully Enclosed Impact Resistant Vapor Tight Gasketed LED Luminaire (HT - High Ambient Temperature Version)	4 Nom. 4000 Lumens 6 Nom. 6000 Lumens 8 Nom. 8000 Lumens 12 Nom. 12000 Lumens *Additional Lumen Packages Available	2L 2'	DRFA Impact Resistant Smooth Frosted Acrylic FPC Impact Resistant Frosted Polycarbonate See OPTICAL OPTIONS for Options	WL Wet Location (1 watertight hub provided) WTHUB Watertight HUB (1 per fixture) LT Lens Tether (2 per fixture) WL-SZ NSF - Splash Zone / Non-Food Zone / Wet Location Included TP Stainless Steel Tamper Proof Screws *Leave Blank if Not Specified Additional Mechanical Options	BPL10 Emergency Battery Pack Constant 10W Nom. 1500 lm See BATTERY PACK OPTIONS for Options MSxx Motion Sensor WLC(LED RU) Wireless Control See SENSOR OPTIONS for Options CPXXX Cord and Plug See CORD AND PLUG for Details *Leave Blank if Not Specified Additional Electrical Options	DRDM 0-10V Dimming Drive See DRIVER OPTIONS for Options	UNV 120V-277V See DRIVER OPTIONS for Options	1 One LED Row (Only 4000 / 6000 lumens Systems) 2 Two LED Rows (Only 8000 / 12000 lumens Systems)	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.

LED LUMEN PACKAGE	NORMAL AMBIENT TEMPERATURE PRODUCT CODE	DELIVERED LUMENS	SYSTEM WATTS	LUMINAIRE EFFICACY	AMBIENT TEMP.	FLUORESCENT / HID EQUIVALENT	IES FILES
4000 Lumens (Nominal)	CIT400-4-2L-DRFA-DRDM-UNV-2/840	4022 lm	33.3 W	120.7 lm/W	-20°C / 35°C	4-F17T8, 2-F24T5HO	*
6000 Lumens (Nominal)	CIT400-6-2L-DRFA-DRDM-UNV-2/840	5749 lm	52.3 W	109.9 lm/W	-20°C / 35°C	6-F17T8, 3-F24T5HO	*
8000 Lumens (Nominal)	CIT400-8-2L-DRFA-DRDM-UNV-2/840	7763 lm	52.6 W	147.5 lm/W	-20°C / 35°C	4-F24T5HO, 2-F54T5HO, 175 W (MH)	LA-T3201
12000 Lumens (Nominal)	CIT400-12-2L-DRFA-DRDM-UNV-4/840	11472 lm	100.5 W	114.1 lm/W	-20°C / 35°C	6-F24T5HO, 3-F54T5HO, 250 W (MH)	LA-T3202

LED LUMEN PACKAGE	NORMAL AMBIENT TEMPERATURE (HIGH EFFICACY) PRODUCT CODE	DELIVERED LUMENS	SYSTEM WATTS	LUMINAIRE EFFICACY	AMBIENT TEMP.	FLUORESCENT / HID EQUIVALENT	IES FILES
4000 Lumens (Nominal)	CIT400-4HE-2L-DRFA-DRDM-UNV-2/840	3975 lm	25.9 W	153.4 lm/W	-20°C / 35°C	4-F17T8, 2-F24T5HO	*
6000 Lumens (Nominal)	CIT400-6HE-2L-DRFA-DRDM-UNV-2/840	5897 lm	39.6 W	148.8 lm/W	-20°C / 35°C	6-F17T8, 3-F24T5HO	*
8000 Lumens (Nominal)	CIT400-8HE-2L-DRFA-DRDM-UNV-4/840	7934 lm	51.8 W	153.0 lm/W	-20°C / 35°C	4-F24T5HO, 2-F54T5HO, 175 W (MH)	*
12000 Lumens (Nominal)	CIT400-12HE-2L-DRFA-DRDM-UNV-4/840	11770 lm	79.3 W	148.3 lm/W	-20°C / 35°C	6-F24T5HO, 3-F54T5HO, 250 W (MH)	*

LED LUMEN PACKAGE	HIGH AMBIENT TEMPERATURE PRODUCT CODE	DELIVERED LUMENS	SYSTEM WATTS	LUMINAIRE EFFICACY	AMBIENT TEMP.	FLUORESCENT / HID EQUIVALENT	IES FILES
4000 Lumens (Nominal)	CIT400-4-2L-DRFA-DRDM-UNV-1/840HT	3961 lm	25.9 W	152.8 lm/W	-30°C / 50°C	4-F17T8, 2-F24T5HO	*
6000 Lumens (Nominal)	CIT400-6-2L-DRFA-DRDM-UNV-1/840HT	5879 lm	38.5 W	152.6 lm/W	-30°C / 50°C	6-F17T8, 3-F24T5HO	LA-T3203
8000 Lumens (Nominal)	CIT400-8-2L-DRFA-DRDM-UNV-2/840HT	7923 lm	51.8 W	152.8 lm/W	-30°C / 50°C	4-F24T5HO, 2-F54T5HO, 175 W (MH)	*
	CIT400-8-2L-DRFA-xx-xxxxx-1DRDMxx(XXX)-UNV-2/840HT **	7907 lm	54.4 W	145.2 lm/W	-30°C / 50°C		*
	CIT400-8-2L-DRFA-xx-xxxxx-1DRDMxx(XXX)-UNV-2/850HT **	8020 lm	54.5 W	147.1 lm/W	-30°C / 50°C		LA-T2908
12000 Lumens (Nominal)	CIT400-12-2L-DRFA-DRDM-UNV-2/840HT	11754 lm	77.0 W	152.6 lm/W	-30°C / 50°C	6-F24T5HO, 3-F54T5HO, 250 W (MH)	LA-T3204
	CIT400-12-2L-xx-xxxxx-DRFA-1DRDMxx(XXX)-UNV-2/840HT **	11981 lm	84.46 W	141.9 lm/W	-30°C / 50°C		LA-T2909
	CIT400-12-2L-xx-xxxxx-DRFA-1DRDMxx(XXX)-UNV-2/850HT **	12120 lm	85.37 W	142 lm/W	-30°C / 50°C		*

NOTE:

System data 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.

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.

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



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SENSOR OPTIONS**DRY AND DAMP LOCATIONS - 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)

PCS - Photocell Sensor

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

PCD - Photocell Dimming

- 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 LOCATIONS - 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

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

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

S3054-N30 - 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

EOSCU-W-EO - EnOcean® Light Level Sensor

- 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 CIT400

DRFA	Impact Resistant Smooth Acrylic Frosted
FPC	Impact Resistant Polycarbonate Smooth Frosted

ADDITIONAL AVAILABLE LENSES

CPC	Impact Resistant Clear Polycarbonate
DRCA	Impact Resistant Smooth Clear Acrylic

DRIVER OPTIONS

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

DRDM – UNV

* Normal Stock Item

VOLTAGE

- 120V** 120 Volt
- 277V** 277 Volt
- UNV*** Universal 120-277 Volt
- 347V** 347 Volt
- 480V** 480 Volt

DRIVER TYPE

- DRDM*** 0-10V Dimming Driver
- DRDM1** 0-10V Dimming Driver, 1% Dimming
- DRDM2C** 2-Channel 0-10V Dimming Driver (for Color Tunable White)
- DR2W** 2-Wire Phase Dimming Driver
- DRDA** Digital Addressable DALI Dimming Driver
- DRDA2C** Digital Addressable DALI Type8 2-Channel Driver (for Color Tunable White)
- DRDA2.0** Digital Addressable DALI 2.0 Dimming Driver
- DRDA2.02C** Digital Addressable DALI 2.0 Type8 2-Channel Driver (for Color Tunable White)
- DRSD** Step Dimming Driver
- DR(LTEA2W)** Lutron® 2-Wire 1% Dimming Driver (120V Forward Phase only)
- DR(LDE1)** Lutron® EcoSystem 1% Soft-On, Fade-to-Black™ Dimming Driver
- DR(LDE5)** Lutron® EcoSystem 5% Dimming Driver
- DR(PEQ0)** Lutron® EcoSystem 0.1% Soft-On, Fade-to-Black Dimming Driver
- DR(PSQ0)** Lutron® T-Series Digital 1% Dimming 2-Channel Driver (for Color Tunable White)

OF DRIVERS SPECIFIED

- (Blank)** Not Specified
- #** Number of Drivers Specified per Lighting Fixture

BATTERY PACK OPTIONS

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

BPL

OUTPUT WATTAGE

- 5** Constant 5W, Nominal 750 Lumens
- 10** Constant 10W, Nominal 1500 Lumens*
- 15** Constant 15W, Nominal 2250 Lumens
- 20** Constant 20W, Nominal 3000 Lumens

*Note: 10W standard when wattage is not specified

TYPE

- (Blank)** Normal Ambient Temp. / Standard Operation
- C** Cold Environment
- F** With Flex for Remote Mounting
- SL** Slim Casing
- ST** Self Test / Diagnostic

CORD AND PLUG

C P 515P 6 E

CORD

- 18ga. 3-Wire Cord
- Black Outer Jacket
- SJT Type for 120-277v / ST Type for 480v

PLUG

Note: Please consult factory regarding any cord and plug combinations that are not shown.

CORD LOCATION

- E** End of fixture
- T** Top of fixture
- A** Access Plate

CORD LENGTH

- 6** 6' Cord Standard Length
- 10** 10' Cord Standard Length

PLUG TYPE

- 515P*** NEMA 5-15P, Straight Blade, 120v, 15Amp (for Wet Location applications if installed in a waterproof enclosure)
- L515P** NEMA L5-15P, Locking Blade, 120v, 15Amp
- L515PWL*** NEMA 4x L5-15P, Wet Location, Locking Blade, 120v, 15Amp (Consult factory to specify plug manufacturer)
- L520P** NEMA L5-20P, Locking Blade, 120v, 20Amp
- L715P*** NEMA L7-15P, Locking Blade, 277v, 15Amp (for Wet Location applications if installed in a waterproof enclosure)
- L715PWL*** NEMA 4x L7-15P, Wet Location, Locking Blade, 120v, 15Amp (Consult factory to specify plug manufacturer)
- L720P** NEMA L7-20P, Locking Blade, 277v, 20Amp
- L820P** NEMA L8-20P, Locking Blade, 480v, 20Amp

*Note: Consult local building codes for specific Wet Location installation requirements.

CORD AND PLUG

View [INSTALLATION INSTRUCTIONS](#) for Wet Location applications



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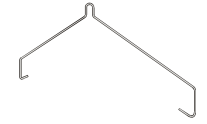
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ACCESSORIES



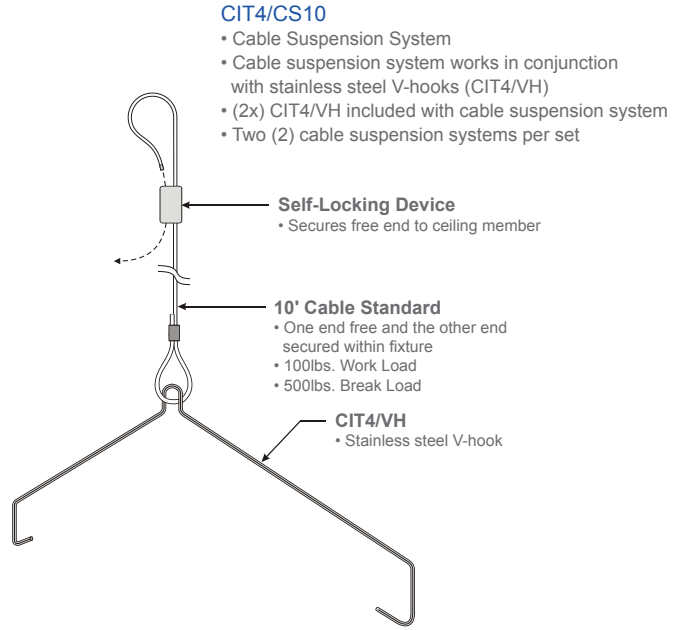
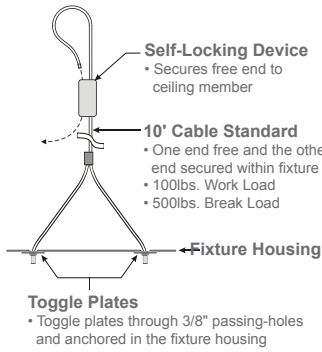
- CIT4/CM**
- Stainless steel ceiling mount hanger
 - Two (2) mounts per set



- CIT4/VH**
- Stainless steel V-Hook
 - Two (2) hooks per set
 - Hooks work in conjunction with Cable Suspension System (CIT4/CS10) or chain by others

YTCS10

- Y-Toggle-End / Cable Suspension System

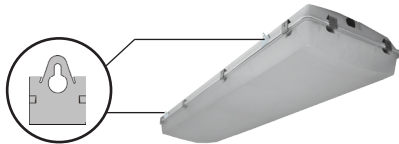


Cable Suspension System

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

Note:

All CIT400 series products come with four stainless steel mounting tabs, two on each side of fixture housing. Tabs can be used with V-Hook, ceiling mount hanger, cable or chain.



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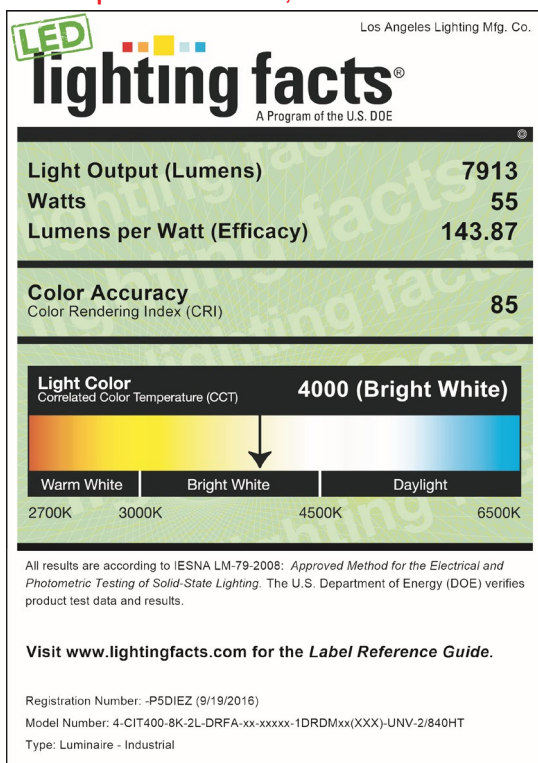
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LED lighting facts

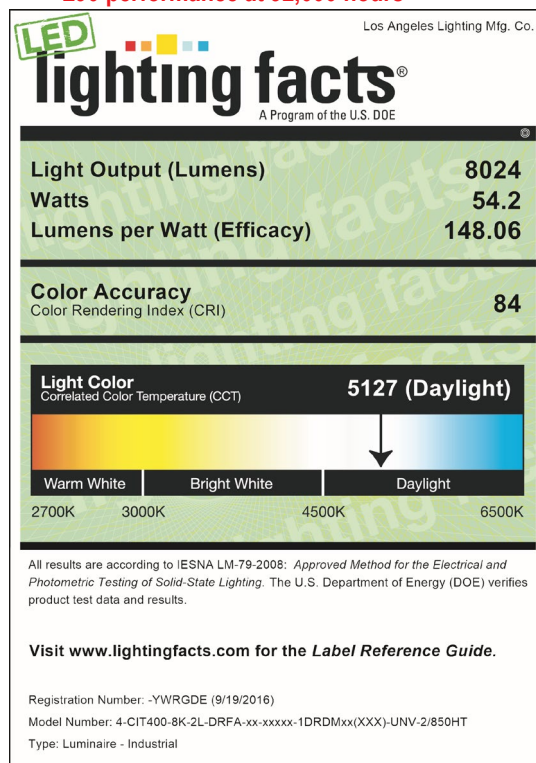
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- 8000 Lumen System
- L70 performance at 279,000 hours
- L90 performance at 92,000 hours



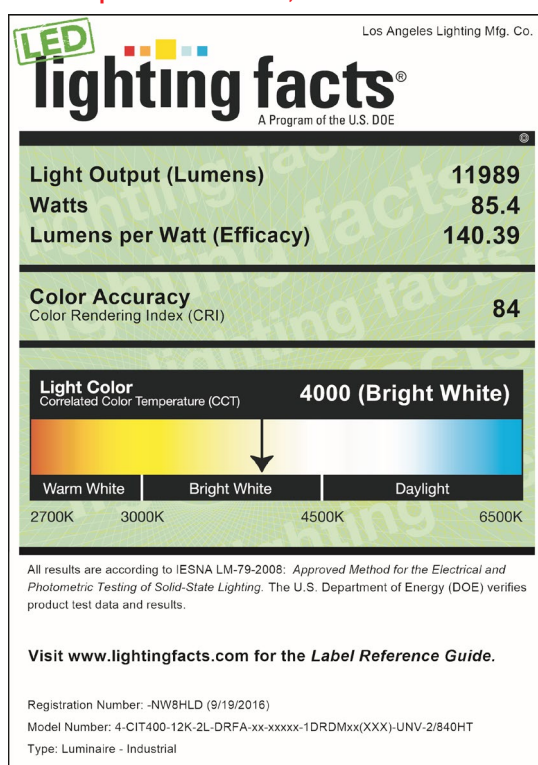
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- 8000 Lumen System
- L70 performance at 279,000 hours
- L90 performance at 92,000 hours



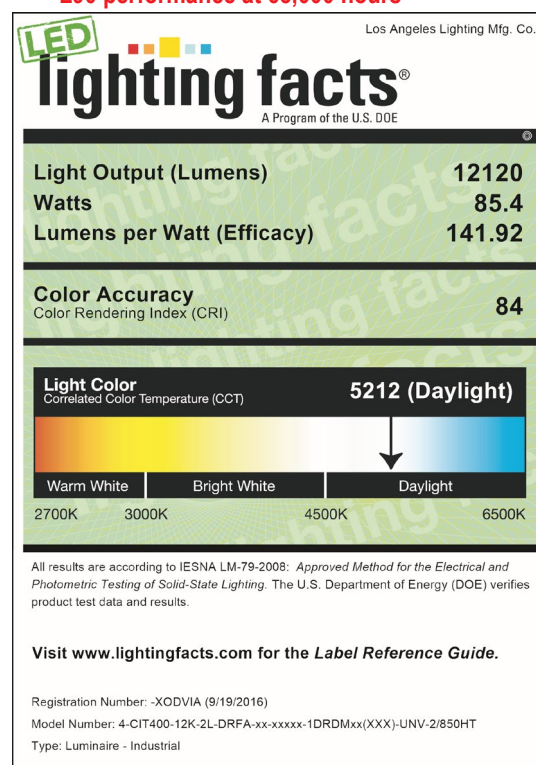
CIT400-12-2L-DRFA-1DRDM-UNV-2/840HT

- 12000 Lumen System
- L70 performance at 194,000 hours
- L90 performance at 63,000 hours



CIT400-12-2L-DRFA-1DRDM-UNV-2/850HT

- 12000 Lumen System
- L70 performance at 194,000 hours
- L90 performance at 63,000 hours



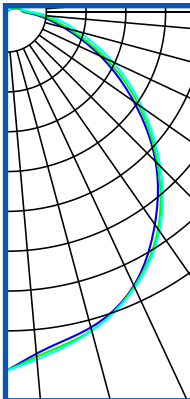
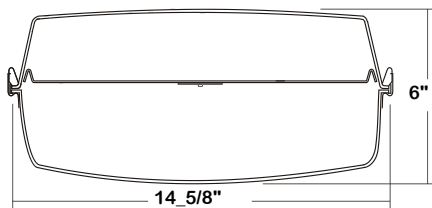
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PHOTOMETRIC DATA - CIT400 SERIES

CIT400-6-2L-DRFA-1DRDM-UNV-1/840HT

TEST NO.=LA-T3203
 LED TYPE=144 LED MODULE
 NO. OF MODULE=1
 SYSTEM WATT (W)=38.5
 CRI ≥ 80
 L70(Hrs.) ≥ 50,000
 PHOTOMETRY TYPE=C



CANDLEPOWER

ANGLE	END	45	CROSS
0	2080	2080	2080
5	1989	2007	2022
15	1894	1912	1915
25	1751	1757	1764
35	1503	1536	1550
45	1226	1241	1262
55	903	937	964
65	604	638	681
75	346	378	431
85	172	199	246
90	108	123	157
95	91	95	110
115	54	59	73
125	34	37	54
135	18	20	33
145	8	7	16
155	1	0	3
165	0	0	0
175	0	0	0
180	0	0	0

ZONAL LUMEN SUMMARY

DEGREES	LUMENS	% LAMP	% FIXTURE
0-30	1546	24.6	26.3
0-40	2508	39.9	42.6
0-60	4311	68.6	73.3
0-90	5554	88.4	94.5
90-120	262.2	4.1	4.4
90-150	322.7	5.1	5.4
90-180	323.5	5.1	5.5
0-180	5878	93.56	100.00

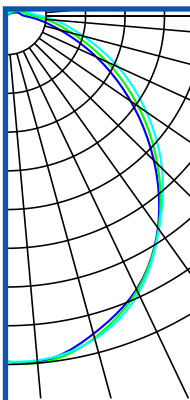
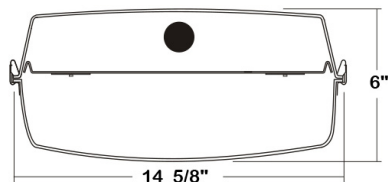
Luminaire Output= 5878 lumens
 Luminaire Efficacy = 152.6 lm/W

SPACING CRITERION

ALONG	ACROSS
1.17	1.19

CIT400-8-2L-DRFA-1DRDM-UNV-2/840

TEST NO.=LA-T3201
 LED TYPE=72 LED MODULE
 NO. OF MODULE=2
 SYSTEM WATT (W)=52.6
 CRI ≥ 80
 L70(Hrs.) ≥ 50,000
 PHOTOMETRY TYPE=C



CANDLEPOWER

ANGLE	END	45	CROSS
0	2648	2648	2648
5	2662	2670	2648
15	2521	2553	2562
25	2310	2321	2344
35	1982	1990	1996
45	1565	1602	1651
55	1138	1208	1282
65	745	830	925
75	416	510	595
85	209	294	361
90	137	205	256
95	112	155	193
115	62	85	106
125	35	55	75
135	18	29	49
145	8	11	26
155	1	1	6
165	0	0	0
175	0	0	0
180	0	0	0

ZONAL LUMEN SUMMARY

DEGREES	LUMENS	% LAMP	% FIXTURE
0-30	2052	24.8	26.4
0-40	3302	39.9	42.5
0-60	5631	68.1	72.5
0-90	7288	88.1	93.8
90-120	390.4	4.7	5.0
90-150	473.2	5.7	6.1
90-180	474.3	5.7	6.1
0-180	7763	93.87	100.00

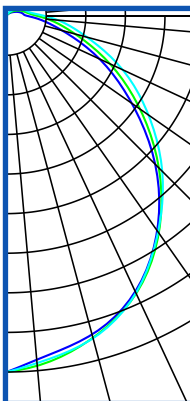
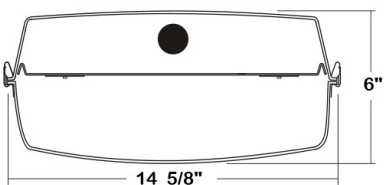
Luminaire Output= 7763 lumens
 Luminaire Efficacy = 147.5 lm/W

SPACING CRITERION

ALONG	ACROSS
1.20	1.21

CIT400-12-2L-DRFA-1DRDM-UNV-2/840HT

TEST NO.=LA-T3204
 LED TYPE=144 LED MODULE
 NO. OF MODULE=2
 SYSTEM WATT (W)=77.0
 CRI ≥ 80
 L70(Hrs.) ≥ 50,000
 PHOTOMETRY TYPE=C



CANDLEPOWER

ANGLE	END	45	CROSS
0	4003	4003	4003
5	3880	3948	3918
15	3708	3746	3752
25	3420	3444	3437
35	2949	2980	2966
45	2361	2418	2472
55	1717	1829	1945
65	1152	1281	1438
75	647	797	934
85	334	471	579
90	221	333	413
95	190	259	299
115	99	135	161
125	60	86	118
135	30	45	76
145	12	17	41
155	2	2	9
165	0	0	0
175	0	0	0
180	0	0	0

ZONAL LUMEN SUMMARY

DEGREES	LUMENS	% LAMP	% FIXTURE
0-30	3025	24.0	25.7
0-40	4890	38.9	41.6
0-60	8405	66.8	71.5
0-90	10993	87.4	93.5
90-120	627.0	4.9	5.3
90-150	758.1	6.0	6.4
90-180	759.2	6.0	6.4
0-180	11754	93.5	100.00

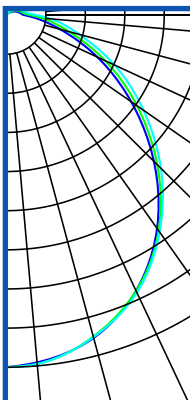
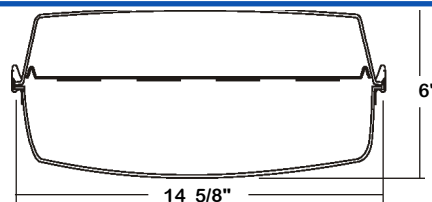
Luminaire Output= 11754 lumens
 Luminaire Efficacy = 152.6 lm/W

SPACING CRITERION

ALONG	ACROSS
1.18	1.19

CIT400-12-2L-DRFA-1DRDM-UNV-4/840

TEST NO.=LA-T3202
 LED TYPE=48 LED MODULE
 NO. OF MODULE=4
 SYSTEM WATT (W)=100.5
 CRI ≥ 80
 L70(Hrs.) ≥ 50,000
 PHOTOMETRY TYPE=C



CANDLEPOWER

ANGLE	END	45	CROSS
0	4004	4004	4004
5	3965	3982	3983
15	3801	3785	3792
25	3459	3462	3483
35	2963	2993	3012
45	2352	2405	2465
55	1718	1797	1887
65	1132	1231	1346
75	628	731	850
85	304	401	505
90	198	264	333
95	168	203	244
115	94	117	144
125	58	76	102
135	31	41	68
145	12	16	34
155	2	2	8
165	0	0	0
175	0	0	0
180	0	0	0

ZONAL LUMEN SUMMARY

DEGREES	LUMENS	% LAMP	% FIXTURE
0-30	3059	24.9	26.6
0-40	4938	40.3	43.0
0-60	8418	68.7	73.3
0-90	10824	88.3	94.3
90-120	527.3	4.3	4.6
90-150	645.7	5.2	5.6
90-180	647.3	5.2	5.6
0-180	11472	93.6	100.00

Luminaire Output= 11472 lumens
 Luminaire Efficacy = 114.1 lm/W

SPACING CRITERION

ALONG	ACROSS
1.19	1.20



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