



VAPOR TIGHT LED

CIT400 (4FT) SERIES (2' AVAILABLE)

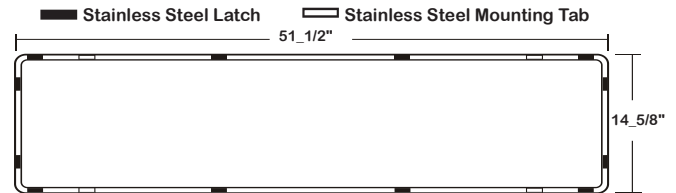
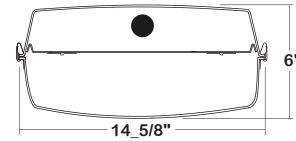
FULLY ENCLOSED IMPACT RESISTANT VAPOR TIGHT GASKETED LUMINAIRE

| | |
|------|--|
| DATE | |
| JOB | |

WWW.LALIGHTING.COM
626-454-8300

SUSPENSION / CEILING MOUNTED VAPOR TIGHT GASKETED LED LUMINAIRE

DIMENSIONS



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 stainless steel 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 50,000-198,000 hours (L70), 55,000 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
El Monte, CA 91731
Made in the USA

Contact Us
T: 626-454-8300
F: 626-454-8399
www.lalighting.com



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.

MADE IN THE U.S.A.

Revised 02-11-20

WARNING

ORDERING INFORMATION

EXAMPLE: CIT400-16-4L-DRFA-WL-BPL1.5-DRDM-UNV-1/840HT

| SERIES | LED LUMEN PACKAGE | EFFICACY | NOMINAL LENGTH | OPTICAL | MECHANICAL | ELECTRICAL | DRIVER | VOLTAGE | # OF LED ROW | CRI / CCT |
|---|--|---|-----------------|--|---|---|---|--|---|---|
| CIT400 | | | 4L | | | | DRDM | UNV | | |
| CIT400 Fully Enclosed Impact Resistant Vapor Tight Gasketed LED Luminaire (Normal Ambient Temperature Version) | 8 Nom. 8000 Lumens 12 Nom. 12000 Lumens 16 Nom. 16000 Lumens 24 Nom. 24000 Lumens *Additional Lumen Packages Available | (Blank) Standard HE High Efficacy (Only for 8000 / 12000 / 24000 lumens Systems) | 4L 4' | DRFA Impact Resistant Smooth Frosted Acrylic FPC Impact Resistant Frosted Polycarbonate <i>See OPTICAL OPTIONS for Options</i> | 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 <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) Wireless Control <i>See SENSOR OPTIONS for Options</i> CPXXX Cord and Plug <i>See CORD AND PLUG for Details</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> | 2 Two LED Rows (Only 8000 / 12000 / 16000 lumens Systems) 4 Four LED Rows (Only 24000 lumens System) | 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 | | 4L | | | | DRDM | UNV | | | HT |
| CIT400 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 24 Nom. 24000 Lumens 32 Nom. 32000 Lumens *Additional Lumen Packages Available | 4L 4' | DRFA Impact Resistant Smooth Frosted Acrylic FPC Impact Resistant Frosted Polycarbonate <i>See OPTICAL OPTIONS for Options</i> | 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 <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) Wireless Control <i>See SENSOR OPTIONS for Options</i> CPXXX Cord and Plug <i>See CORD AND PLUG for Details</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 (Only 8000 / 12000 / 16000 lumens Systems) 2 Two LED Rows (Only 24000 / 32000 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](#)



Los Angeles Lighting Mfg. Co.
 Headquarters
 10141 Olney Street
 El Monte, CA 91731
 Made in the USA
 Contact Us
 T: 626-454-8300
 F: 626-454-8399
 www.lalighting.com



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.

MADE IN THE U.S.A.

Revised 02-11-20

WARNING

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 |
|------------------------|---|------------------|--------------|--------------------|---------------|--------------------------------|--------------------------|
| 8000 Lumens (Nominal) | CIT400-8-4L-DRFA-DRDM-UNV-2/840 | 8032 lm | 66.7 W | 120.5 lm/W | -20°C / 35°C | 4-F32T8, 2-F54T5HO, 175 W (MH) | * |
| 12000 Lumens (Nominal) | CIT400-12-4L-DRFA-DRDM-UNV-2/840 | 11482 lm | 102.2 W | 112.3 lm/W | -20°C / 35°C | 6-F32T8, 3-F54T5HO, 250 W (MH) | LA-T3205 |
| 16000 Lumens (Nominal) | CIT400-16-4L-DRFA-DRDM-UNV-2/840 | 15498 lm | 107.6 W | 144.1 lm/W | -20°C / 35°C | 4-F54T5HO, 400 W (MH) | * |
| 24000 Lumens (Nominal) | CIT400-24-4L-DRFA-DRDM-UNV-4/840 | 22962 lm | 209.3 W | 109.7 lm/W | -20°C / 35°C | 6-F54T5HO, 750 W (MH) | * |

| LED LUMEN PACKAGE | NORMAL AMBIENT TEMPERATURE (HIGH EFFICACY) PRODUCT CODE | DELIVERED LUMENS | SYSTEM WATTS | LUMINAIRE EFFICACY | AMBIENT TEMP. | FLUORESCENT / HID EQUIVALENT | IES FILES |
|------------------------|---|------------------|--------------|--------------------|---------------|--------------------------------|--------------------------|
| 8000 Lumens (Nominal) | CIT400-8HE-4L-DRFA-DRDM-UNV-2/840 | 7936 lm | 51.8 W | 153.1 lm/W | -20°C / 35°C | 4-F32T8, 2-F54T5HO, 175 W (MH) | * |
| 12000 Lumens (Nominal) | CIT400-12HE-4L-DRFA-DRDM-UNV-2/840 | 11773 lm | 79.3 W | 148.5 lm/W | -20°C / 35°C | 6-F32T8, 3-F54T5HO, 250 W (MH) | LA-T3205 |
| 24000 Lumens (Nominal) | CIT400-24HE-4L-DRFA-DRDM-UNV-4/840 | 23547 lm | 158.5 W | 148.5 lm/W | -20°C / 35°C | 6-F54T5HO, 750 W (MH) | * |

| LED LUMEN PACKAGE | HIGH AMBIENT TEMPERATURE PRODUCT CODE | DELIVERED LUMENS | SYSTEM WATTS | LUMINAIRE EFFICACY | AMBIENT TEMP. | FLUORESCENT / HID EQUIVALENT | IES FILES |
|------------------------|---|------------------|--------------|--------------------|---------------|--------------------------------|--------------------------|
| 8000 Lumens (Nominal) | CIT400-8-4L-DRFA-DRDM-UNV-1/840HT | 14906 lm | 107.2 W | 139.0 lm/W | -30°C / 50°C | 2-F32T8, 1-F54T5HO | * |
| 12000 Lumens (Nominal) | CIT400-12-4L-xx-xxxxx-DRFA-1DRDMxx(XXX)-UNV-1/840HT** | 11711 lm | 75.7 W | 154.6 lm/W | -30°C / 50°C | 3-F32T8 | LA-T3206 |
| | CIT400-12-4L-xx-xxxxx-DRFA-1DRDMxx(XXX)-UNV-1/850HT** | 11958 lm | 75.5 W | 158.3 lm/W | -30°C / 50°C | | * |
| 16000 Lumens (Nominal) | CIT400-16-4L-xx-xxxxx-DRFA-1DRDMxx(XXX)-UNV-1/840HT** | 15242 lm | 102.3 W | 148.8 lm/W | -30°C / 50°C | 4-F32T8, 2-F54T5HO | LA-T3207 |
| | CIT400-16-4L-xx-xxxxx-DRFA-1DRDMxx(XXX)-UNV-1/850HT** | 15545 lm | 102.1 W | 152.2 lm/W | -30°C / 50°C | | * |
| 24000 Lumens (Nominal) | CIT400-24-4L-xx-xxxxx-DRFA-1DRDMxx(XXX)-UNV-2/840HT** | 23304 lm | 151.4 W | 153.8 lm/W | -30°C / 50°C | 6-F32T8, 3-F54T5HO, 250 W (MH) | LA-T3208 |
| | CIT400-24-4L-xx-xxxxx-DRFA-1DRDMxx(XXX)-UNV-2/850HT** | 23655 lm | 151.2 W | 156.3 lm/W | -30°C / 50°C | | * |
| 32000 Lumens (Nominal) | CIT400-32-4L-xx-xxxxx-DRFA-1DRDMxx(XXX)-UNV-2/840HT** | 30191 lm | 204.9 W | 147.3 lm/W | -30°C / 45°C | 8-F54T5HO | LA-T3209 |
| | CIT400-32-4L-xx-xxxxx-DRFA-1DRDMxx(XXX)-UNV-2/850HT** | 30249 lm | 202.8 W | 149.1 lm/W | -30°C / 45°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.



Los Angeles Lighting Mfg. Co.
 Headquarters
 10141 Olney Street
 El Monte, CA 91731
 Made in the USA

Contact Us
 T: 626-454-8300
 F: 626-454-8399
 www.lalighting.com



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.

MADE IN THE U.S.A.

Revised 02-11-20

WARNING

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

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

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

ESDRPU-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

**Los Angeles Lighting Mfg. Co.**

Headquarters
10141 Olney Street
El Monte, CA 91731
Made in the USA

Contact Us
T: 626-454-8300
F: 626-454-8399
www.lalighting.com



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.

MADE IN THE U.S.A.

Revised 02-11-20

WARNING

OPTICAL OPTIONS

STANDARD LENSES FOR CIT400

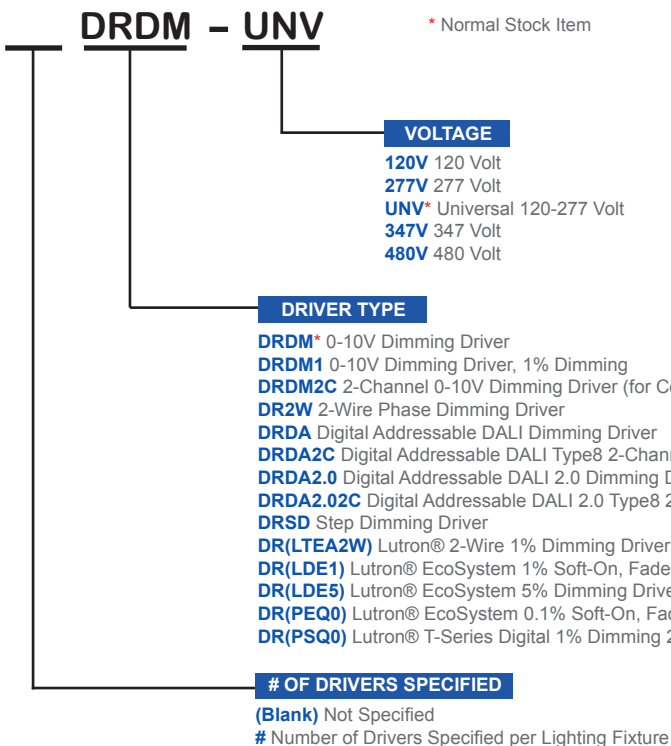
| | |
|-------------|---|
| DRFA | Impact Resistant Smooth Acrylic Frosted |
| FPC | Impact Resistant Polycarbonate Smooth Frosted |

ADDITIONAL AVAILABLE LENSES

| | |
|-------------|---------------------------------------|
| CPC | Impact Resistant Clear Polycarbonate |
| DRCA | Impact Resistant Smooth Clear Acrylic |

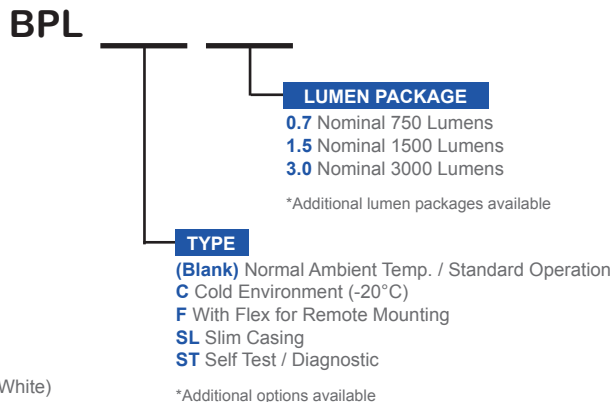
DRIVER OPTIONS

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

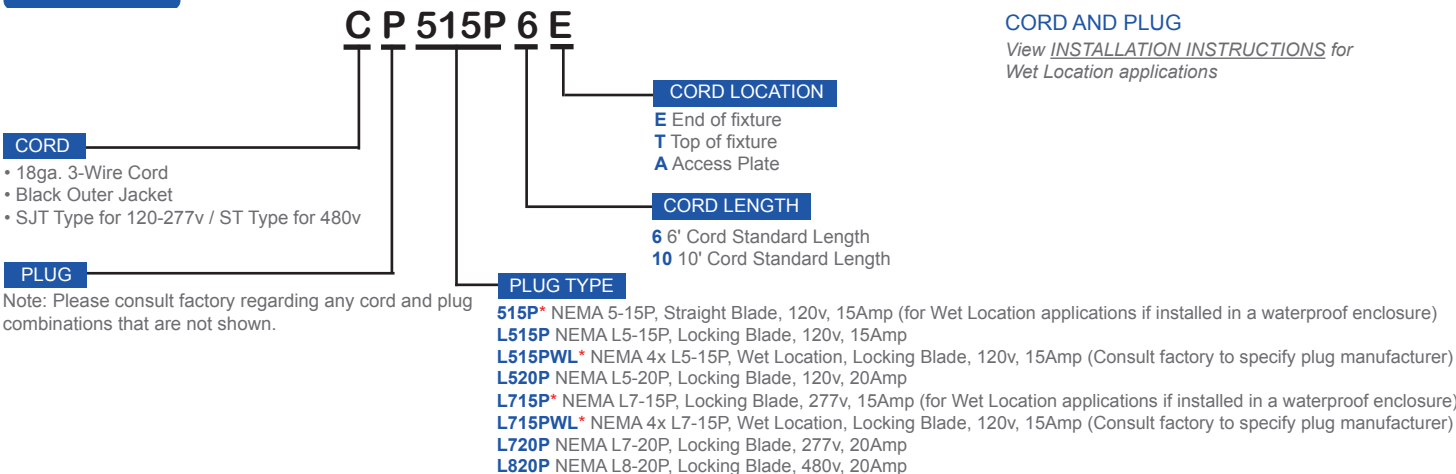


BATTERY PACK OPTIONS

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



CORD AND PLUG



Los Angeles Lighting Mfg. Co.
 Headquarters
 10141 Olney Street
 El Monte, CA 91731
 Made in the USA

Contact Us
 T: 626-454-8300
 F: 626-454-8399
 www.lalighting.com



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.

MADE IN THE U.S.A.

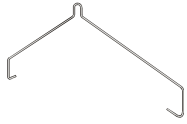
Revised 02-11-20

WARNING

ACCESSORIES



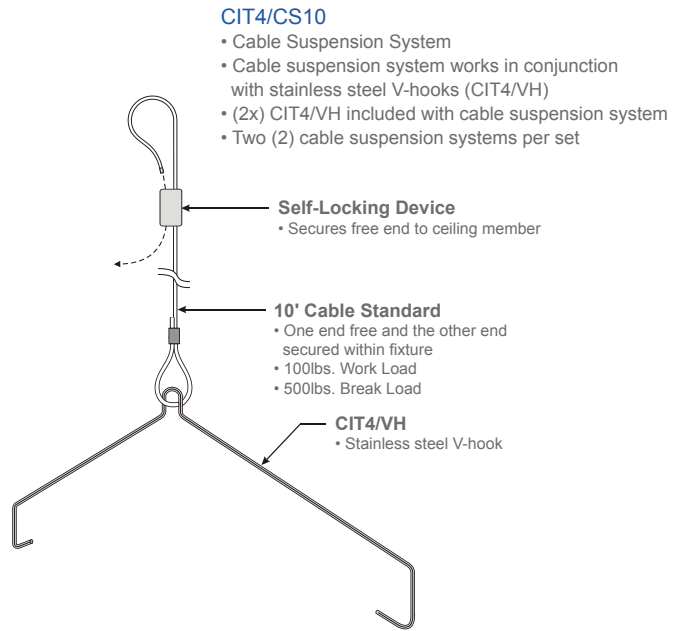
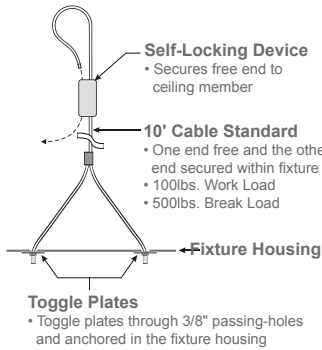
- CIT4/CM**
- Stainless steel ceiling mount hanger
 - Two (2) mounts per set



- 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

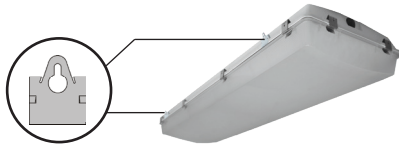


Cable Suspension System

- 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.



Los Angeles Lighting Mfg. Co.
Headquarters
10141 Olney Street
El Monte, CA 91731
Made in the USA

Contact Us
T: 626-454-8300
F: 626-454-8399
www.lalighting.com



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.

MADE IN THE U.S.A.

Revised 02-11-20

WARNING

LED lighting facts

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

- 12000 Lumen System
- L70 performance at 198,000 hours
- L90 performance at 55,000 hours



Los Angeles Lighting Mfg. Co.

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

| | |
|----------------------------|--------|
| Light Output (Lumens) | 11711 |
| Watts | 75.72 |
| Lumens per Watt (Efficacy) | 154.66 |

| | |
|---|----|
| Color Accuracy Color Rendering Index (CRI) | 83 |
|---|----|

Light Color
Correlated Color Temperature (CCT) **4109 (Bright White)**

2700K 3000K 4500K 6500K

Warranty** **Yes**

All results, except LED Lumen Maintenance, 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.

** See www.lightingfacts.com/products for details.

Registration Number: -FQVSM1 (11/3/2017)
Model Number: CIT400-12-4L-xx-xxxx-DRFA-1DRDMxx(XXX)-UNV-1/840HT
Type: Luminaire - Industrial

CIT400-12-4L-DRFA-1DRDM-UNV-1/850HT

- 12000 Lumen System
- L70 performance at 198,000 hours
- L90 performance at 55,000 hours



Los Angeles Lighting Mfg. Co.

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

| | |
|----------------------------|--------|
| Light Output (Lumens) | 11958 |
| Watts | 75.506 |
| Lumens per Watt (Efficacy) | 158.37 |

| | |
|---|----|
| Color Accuracy Color Rendering Index (CRI) | 83 |
|---|----|

Light Color
Correlated Color Temperature (CCT) **5248 (Daylight)**

2700K 3000K 4500K 6500K

Warranty** **Yes**

All results, except LED Lumen Maintenance, 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.

** See www.lightingfacts.com/products for details.

Registration Number: -S4RHCO (11/6/2017)
Model Number: CIT400-12-4L-xx-xxxx-DRFA-1DRDMxx(XXX)-UNV-1/850HT
Type: Luminaire - Industrial

CIT400-16-4L-DRFA-1DRDM-UNV-1/840HT

- 16000 Lumen System
- L70 performance at 171,000 hours
- L90 performance at 49,000 hours



Los Angeles Lighting Mfg. Co.

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

| | |
|----------------------------|--------|
| Light Output (Lumens) | 15242 |
| Watts | 102.37 |
| Lumens per Watt (Efficacy) | 148.89 |

| | |
|---|----|
| Color Accuracy Color Rendering Index (CRI) | 83 |
|---|----|

Light Color
Correlated Color Temperature (CCT) **4138 (Bright White)**

2700K 3000K 4500K 6500K

Warranty** **Yes**

All results, except LED Lumen Maintenance, 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.

** See www.lightingfacts.com/products for details.

Registration Number: -R8W6FP (11/6/2017)
Model Number: CIT400-16-4L-xx-xxxx-DRFA-1DRDMxx(XXX)-UNV-1/840HT
Type: Luminaire - Industrial

CIT400-16-4L-DRFA-1DRDM-UNV-1/850HT

- 16000 Lumen System
- L70 performance at 171,000 hours
- L90 performance at 49,000 hours



Los Angeles Lighting Mfg. Co.

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

| | |
|----------------------------|--------|
| Light Output (Lumens) | 15545 |
| Watts | 102.12 |
| Lumens per Watt (Efficacy) | 152.22 |

| | |
|---|----|
| Color Accuracy Color Rendering Index (CRI) | 84 |
|---|----|

Light Color
Correlated Color Temperature (CCT) **5296 (Daylight)**

2700K 3000K 4500K 6500K

Warranty** **Yes**

All results, except LED Lumen Maintenance, 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.

** See www.lightingfacts.com/products for details.

Registration Number: -E1GFU1 (11/6/2017)
Model Number: CIT400-16-4L-xx-xxxx-DRFA-1DRDMxx(XXX)-UNV-1/850HT
Type: Luminaire - Industrial



LOS ANGELES LIGHTING MFG. CO.

10141 OLNEY ST. / EL MONTE, CA 91731
TEL 626-454-8300 | FAX 626-454-8399 |

www.lalighting.com

LED lighting facts

CIT400-24-4L-DRFA-1DRDM-UNV-2/840HT

- **24000 Lumen System**
- **L70 performance at 170,000 hours**
- **L90 performance at 49,000 hours**



Los Angeles Lighting Mfg. Co.

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

| | |
|----------------------------|--------|
| Light Output (Lumens) | 23304 |
| Watts | 151.42 |
| Lumens per Watt (Efficacy) | 153.9 |

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

Light Color
Correlated Color Temperature (CCT) **4130 (Bright White)**

Warm White | Bright White | Daylight
2700K | 3000K | 4500K | 6500K

Warranty** **Yes**

All results, except LED Lumen Maintenance, 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.

**** See www.lightingfacts.com/products for details.**

Registration Number: -TWTZK1 (11/6/2017)
Model Number: CIT400-24-4L-xx-xxxx-DRFA-1DRDMxx(XXX)-UNV-2/840HT
Type: Luminaire - Industrial

CIT400-24-4L-DRFA-1DRDM-UNV-2/850HT

- **24000 Lumen System**
- **L70 performance at 170,000 hours**
- **L90 performance at 49,000 hours**



Los Angeles Lighting Mfg. Co.

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

| | |
|----------------------------|--------|
| Light Output (Lumens) | 23655 |
| Watts | 151.29 |
| Lumens per Watt (Efficacy) | 156.36 |

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

Light Color
Correlated Color Temperature (CCT) **5278 (Daylight)**

Warm White | Bright White | Daylight
2700K | 3000K | 4500K | 6500K

Warranty** **Yes**

All results, except LED Lumen Maintenance, 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.

**** See www.lightingfacts.com/products for details.**

Registration Number: -CUL4IS (11/6/2017)
Model Number: CIT400-24-4L-xx-xxxx-DRFA-1DRDMxx(XXX)-UNV-2/850HT
Type: Luminaire - Industrial

CIT400-32-4L-DRFA-1DRDM-UNV-2/840HT

- **32000 Lumen System**
- **L70 performance at 134,000 hours**
- **L90 performance at 38,000 hours**



Los Angeles Lighting Mfg. Co.

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

| | |
|----------------------------|--------|
| Light Output (Lumens) | 30191 |
| Watts | 204.94 |
| Lumens per Watt (Efficacy) | 147.32 |

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

Light Color
Correlated Color Temperature (CCT) **4157 (Bright White)**

Warm White | Bright White | Daylight
2700K | 3000K | 4500K | 6500K

Warranty** **Yes**

All results, except LED Lumen Maintenance, 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.

**** See www.lightingfacts.com/products for details.**

Registration Number: -7QRBZZ (11/6/2017)
Model Number: CIT400-32-4L-xx-xxxx-DRFA-1DRDMxx(XXX)-UNV-2/840HT
Type: Luminaire - Industrial

CIT400-32-4L-DRFA-1DRDM-UNV-2/850HT

- **32000 Lumen System**
- **L70 performance at 134,000 hours**
- **L90 performance at 38,000 hours**



Los Angeles Lighting Mfg. Co.

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

| | |
|----------------------------|--------|
| Light Output (Lumens) | 30249 |
| Watts | 202.81 |
| Lumens per Watt (Efficacy) | 149.15 |

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

Light Color
Correlated Color Temperature (CCT) **5311 (Daylight)**

Warm White | Bright White | Daylight
2700K | 3000K | 4500K | 6500K

Warranty** **Yes**

All results, except LED Lumen Maintenance, 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.

**** See www.lightingfacts.com/products for details.**

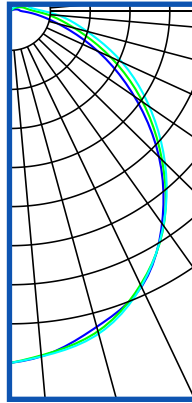
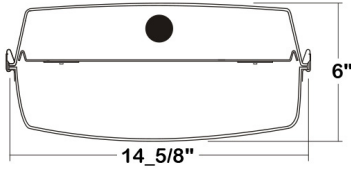
Registration Number: -YPJKEM (11/6/2017)
Model Number: CIT400-32-4L-xx-xxxx-DRFA-1DRDMxx(XXX)-UNV-2/850HT
Type: Luminaire - Industrial



PHOTOMETRIC DATA - CIT400 SERIES

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

TEST NO.=LA-T3205
 LED TYPE=48 LED MODULE
 NO. OF MODULE=4
 SYSTEM WATT (W)=102.2
 CRI ≥ 80
 L70(Hrs.) ≥ 50,000
 PHOTOMETRY TYPE=C



CANDLEPOWER

| ANGLE | END | 45 | CROSS |
|-------|------|------|-------|
| 0 | 4042 | 4042 | 4042 |
| 5 | 3983 | 3971 | 3984 |
| 15 | 3755 | 3808 | 3838 |
| 25 | 3495 | 3469 | 3489 |
| 35 | 2980 | 3012 | 3006 |
| 45 | 2369 | 2416 | 2463 |
| 55 | 1704 | 1821 | 1912 |
| 65 | 1086 | 1244 | 1389 |
| 75 | 556 | 743 | 893 |
| 85 | 235 | 414 | 547 |
| 90 | 132 | 281 | 381 |
| 95 | 104 | 213 | 281 |
| 115 | 49 | 111 | 162 |
| 125 | 26 | 71 | 110 |
| 135 | 11 | 37 | 75 |
| 145 | 4 | 15 | 39 |
| 155 | 0 | 2 | 9 |
| 165 | 0 | 0 | 0 |
| 175 | 0 | 0 | 0 |
| 180 | 0 | 0 | 0 |

ZONAL LUMEN SUMMARY

| DEGREES | LUMENS | % LAMP | % FIXTURE |
|---------|--------|--------|-----------|
| 0-30 | 3069 | 25.0 | 26.7 |
| 0-40 | 4955 | 40.4 | 43.1 |
| 0-60 | 8455 | 69.0 | 73.3 |
| 0-90 | 10867 | 88.7 | 94.6 |
| 90-120 | 506.8 | 4.1 | 4.4 |
| 90-150 | 612.5 | 5.0 | 5.3 |
| 90-180 | 614.1 | 5.0 | 5.3 |
| 0-180 | 11482 | 93.7 | 100.00 |

Luminaire Output= 11482 lumens
 Luminaire Efficacy = 112.3 lm/W

SPACING CRITERION

| ALONG | ACROSS |
|-------|--------|
| 1.19 | 1.19 |

