



VAPOR TIGHT CIT401

® 14 5/8" WIDE STEM-MOUNTED VAPOR TIGHT LUMINAIRE

JOB	
TYPE	
DATE	

STEM-MOUNTED VAPOR TIGHT GASKETED LED LUMINAIRE

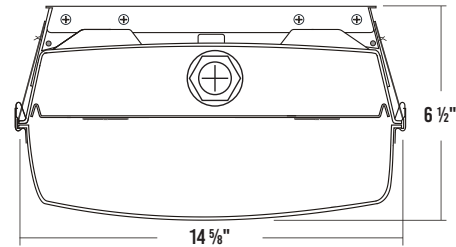


Splash Zone
option available

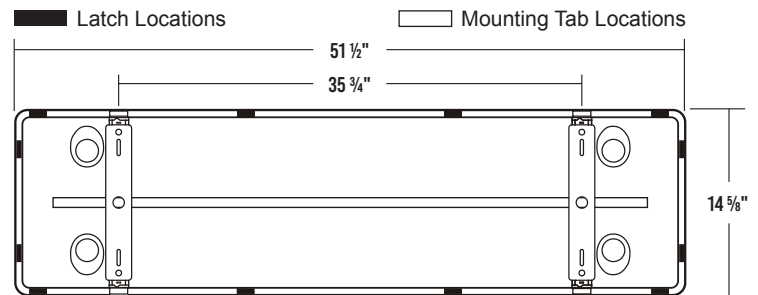


Washdown

CROSS SECTION



4' BACKPLATE



*Creating any hole in housing or mounting at an angle will invalidate wet location rating.

SPECIFICATIONS

CONSTRUCTION

- IP65 / IP66 / IP67 / NEMA 4x rated enclosure
- Fiberglass housing with poured-in-place polyurethane gasket
- 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

- Stem-Mounted Applications for Commercial, Refrigeration, Dusty Areas, Freezers, Food Processing

FEATURES

- Rated for wet locations and washdown applications
- 0-10V Dimming driver standard
- Supports California Title 24 compliance
- Rigid mounting beam for stem mounting applications

OPTIONS CONTACT CUSTOMER SERVICE FOR ADDITIONAL OPTIONS

- Range of lumen packages
- High ambient temperature (HT) modules
- Range of lenses
- Sensors and controls
- Second pre-installed watertight hub
- Stainless steel tamper-proof screws
- NSF Splash Zone Certification
- Cord & plug
- Emergency battery pack
- Tunable white (2700K - 6500K)
- Customization available upon request



Los Angeles Lighting Mfg. Co.

Contact Us
T: 626-454-8300 10141 Olney Street
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www.lalighting.com Made in the USA



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.

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MADE IN THE USA
BAA Compliant

ORDERING INFORMATION

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

EXAMPLE: CIT401-8-4L-DRFA-WL-BPL1.5-DRDM-UNV-2/840HT

SERIES	NOMINAL LED LUMENS	NOMINAL LENGTH	OPTICAL	RATING	MECHANICAL	CONTROLS / ELECTRICAL	DRIVER	VOLTAGE	# OF LED ROWS	CRI / CCT	AMBIENT TEMP
		4L		WL					2		
CIT401 • 4 5/8" Wide Stem-Mounted Vapor Tight LED Luminaire	8 - 8000lm 12 - 12000lm 16 - 16000lm 24 - 24000lm 32 - 32000lm High Efficacy 8 - 8000lm 12 - 12000lm 24 - 24000lm	4L • 4'	DRFA • High Impact Smooth Acrylic Frosted Lens FPC • Impact Resistant Frosted Polycarbonate	WL • Wet Location Hardware (Includes 1 Pre-Installed Watertight Hub)	SZ • Wet Location Hardware plus NSF Splash Zone Certification WTHUB • Second Pre-Installed Watertight Hub TP • Stainless Steel Tamper Proof Screws LT • Lens Tethers *Leave blank if not specified	MS(xx) • Motion Sensor • Lens Option WLC(LED RU) • Wireless Control BPL1.5 • 1500lm Emergency Battery Pack *Leave blank if not specified	DRDM • 0-10V Dimming Driver	UNV • 120V - 277V 120V • 120 Volt 277V • 277 Volt 347V • 347 Volt 480V • 480 Volt	2 • 2 LED Rows	827 • 80+CRI / 2700K 830 • 80+CRI / 3000K 835 • 80+CRI / 3500K 840 • 80+CRI / 4000K 850 • 80+CRI / 5000K 865 • 80+CRI / 6500K 8TW • 80+CRI Tunable White 2700K-6500K 90CRI Also available Contact customer service for additional CRI/CCT packages.	HT • High Ambient Temp. *HT cannot be combined with HE systems

Standard options for CIT401 shown above. For additional options, including lumen packages, controls, lenses, switches, finishes, and more, visit www.lalighting.com/resources or contact customer service.

OPTICAL OPTIONS

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

STANDARD LENSES FOR CIT401

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

ADDITIONAL LENSES FOR CIT401

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

MECHANICAL OPTIONS

Pre-installed mechanical options are ordered by adding the suffix to the luminaire description:

CIT401-4-4L-DRFA-WL-WTHUB-DRDM-UNV-2/840

**WATERTIGHT HUB
WTHUB**

- Zinc die cast hub with rubber gasket seal
- Threaded to fit 1/2" pipe
- One pre-installed hub included on all luminaires
- Second pre-installed hub included when specifying WTHUB



**STAINLESS STEEL LATCHES
SSL-CIT401**

- Corrosion resistant stainless steel latches
- Twelve (12) latches provided per 4' luminaire



**TAMPER PROOF SCREWS
TP**

- Hex Pin Stainless Steel Tamper Proof Screws



**LENS TETHERS
LT**

- Secure lens to enclosure
- Includes two tethers per luminaire
- When ordering separately to install on an existing luminaire, use **CIT4/LT**



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MOUNTING ACCESSORIES

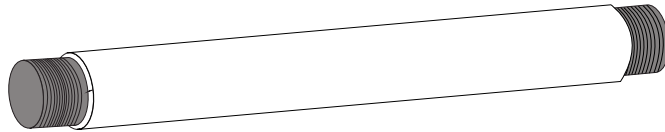
Mounting accessories are ordered separately from luminaire

THREADED MOUNTING STEMS

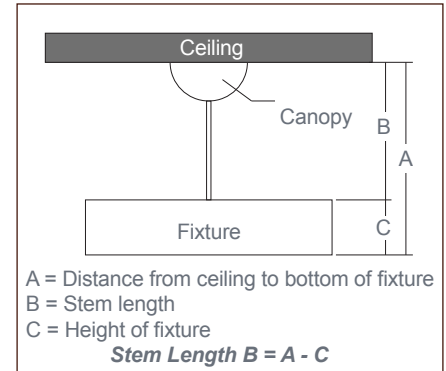
STEM

- 3/8" IPS, nominal OD 5/8"
 - Threaded 1" each end
 - 2 lock nuts provided per stem
 - Standard lengths: 6", 12", 18", 24", 30", 36", 48"
 - Baked white enamel finish
 - To order, specify length required after STEM.
- Example: **STEM12** for 12", **STEM24** for 24", etc.

Other lengths & finishes are available as specified



Stem Length Calculation



SYSTEM DATA

ADDITIONAL LUMEN PACKAGES AVAILABLE. CONTACT CUSTOMER SERVICE FOR MORE INFORMATION

4' - LED LUMEN PACKAGE	NORMAL AMBIENT TEMPERATURE PRODUCT CODE	DELIVERED LUMENS	SYSTEM WATTS	LUMINAIRE EFFICACY	AMBIENT TEMP.	FLUORESCENT EQUIVALENT	IES FILES
8000 Lumens (Nominal)	CIT401-8-4L-DRFA-DRDM-UNV-2/840	8032	66.7	120.5 lm/W	-20°C / 35°C (-4°F / 95°F)	4-F32T8 2-F54T5HO	*
12000 Lumens (Nominal)	CIT401-12-4L-DRFA-DRDM-UNV-2/840	11482	102.2	112.3 lm/W	-20°C / 35°C (-4°F / 95°F)	6-F32T8 3-F54T5HO	*
16000 Lumens (Nominal)	CIT401-16-4L-DRFA-DRDM-UNV-2/840	15498	107.6	144.1 lm/W	-20°C / 35°C (-4°F / 95°F)	4-F54T5HO 400W MH	*
24000 Lumens (Nominal)	CIT401-24-4L-DRFA-DRDM-UNV-4/840	22962	209.3	109.7 lm/W	-20°C / 35°C (-4°F / 95°F)	6-F54T5HO 400W MH	*
32000 Lumens (Nominal)	CIT401-32-4L-DRFA-DRDM-UNV-4/840	22962	209.3	109.7 lm/W	-20°C / 35°C (-4°F / 95°F)	6-F54T5HO 400W MH	*
4' - LED LUMEN PACKAGE	NORMAL AMBIENT TEMPERATURE (HIGH EFFICACY) PRODUCT CODE	DELIVERED LUMENS	SYSTEM WATTS	LUMINAIRE EFFICACY	AMBIENT TEMP.	FLUORESCENT EQUIVALENT	IES FILES
8000 Lumens (Nominal)	CIT401-8HE-4L-DRFA-DRDM-UNV-2/840	7936	51.8	153.1 lm/W	-20°C / 35°C (-4°F / 95°F)	4-F32T8 2-F54T5HO	*
12000 Lumens (Nominal)	CIT401-12HE-4L-DRFA-DRDM-UNV-2/840	11773	79.3	148.5 lm/W	-20°C / 35°C (-4°F / 95°F)	6-F32T8 3-F54T5HO	*
24000 Lumens (Nominal)	CIT401-24HE-4L-DRFA-DRDM-UNV-4/840	23547	158.5	148.5 lm/W	-20°C / 35°C (-4°F / 95°F)	6-F54T5HO 400W MH	*
4' - LED LUMEN PACKAGE	NORMAL AMBIENT TEMPERATURE (HIGH EFFICACY) PRODUCT CODE	DELIVERED LUMENS	SYSTEM WATTS	LUMINAIRE EFFICACY	AMBIENT TEMP.	FLUORESCENT EQUIVALENT	IES FILES
8000 Lumens (Nominal)	CIT401-8-4L-DRFA-DRDM-UNV-1/840HT	7646	48.3	158.3 lm/W	-30°C / 45°C (-22°F / 113°F)	4-F32T8 2-F54T5HO	*
12000 Lumens (Nominal)	CIT401-12-4L-DRFA-DRDM-UNV-1/840HT	11711	75.7	154.6 lm/W	-30°C / 45°C (-22°F / 113°F)	6-F32T8 3-F54T5HO	*
16000 Lumens (Nominal)	CIT401-16-4L-DRFA-DRDM-UNV-1/840HT	15242	102.3	148.8 lm/W	-30°C / 45°C (-22°F / 113°F)	4-F54T5HO 400W MH	*
24000 Lumens (Nominal)	CIT401-24-4L-DRFA-DRDM-UNV-2/840HT	23304	151.4	153.8 lm/W	-30°C / 45°C (-22°F / 113°F)	6-F54T5HO 400W MH	*
32000 Lumens (Nominal)	CIT401-32-4L-DRFA-DRDM-UNV-2/840HT	30191	204.9	147.3 lm/W	-30°C / 45°C (-22°F / 113°F)	8-F54T5HO 750W MH	*

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.



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