VAPOR TIGHT LED

CIT200

6 ¾" WIDE FULLY GASKETED VAPOR TIGHT LUMINAIRE

JOB	
TYPE	
DATE	

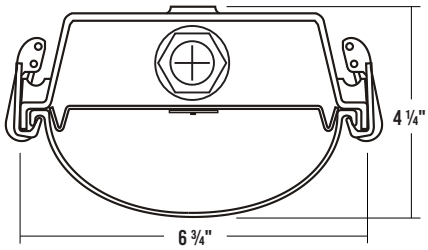
SURFACE/SUSPENSION/MOUNTED LED LUMINAIRE

NSF Splash Zone option available

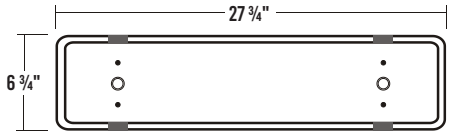
Washdown

In-Stock PRODUCT

CROSS SECTION



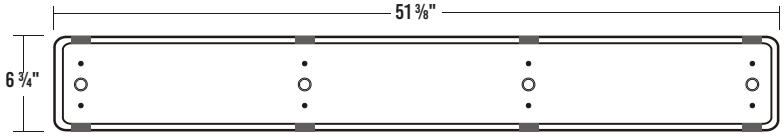
2' BACKPLATE



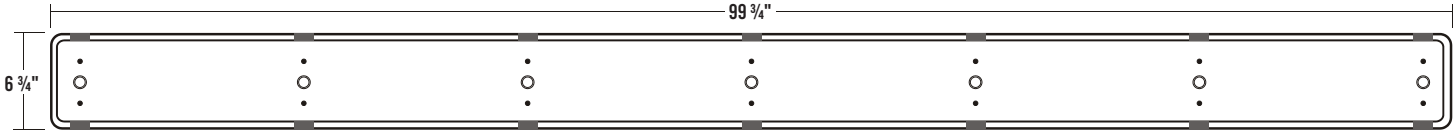
Latch Locations Drill Locations for Conduit

*Creating any hole in housing will invalidate wet location rating

4' BACKPLATE



8' BACKPLATE



SPECIFICATIONS

CONSTRUCTION
- IP65 / IP66 / IP67 / NEMA 4x rated enclosure
- Fiberglass housing with poured in place polyurethane gasket
- Polycarbonate latches
- 22 gauge cold-rolled steel internal snap-on gear tray/cover

FINISH
- Gear tray - baked white polyester finish / minimum reflectance 86%

OPTICAL
- Impact-resistant smooth acrylic frosted lens

ELECTRICAL
- High efficiency drivers coupled with long-life LEDs
- Service life tested at 50,000 hours (L70)
- Universal voltage 120V~277V (347V/480V available)
- Power Factor (PF) ≥ 0.9
- Total Harmonic Distortion (THD) ≤ 20%

LISTING
- UL USA and Canada listed
- Suitable for damp locations

WARRANTY
- 5-year limited warranty, 10-year limited warranty available

APPLICATIONS
- Commercial, Refrigeration, Dusty Areas, Freezer, Food Processing

FEATURES
- Rated for wet locations and washdown applications
- 0-10V Dimming driver standard
- Supports California Title 24 compliance

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 latches
- Stainless steel tamper-proof screws
- NSF Splash Zone Certification
- Cord & plug
- Emergency battery pack
- 10 kV surge protector
- Tunable white (2700K - 6500K)
- Customization available upon request

Los Angeles Lighting Mfg. Co.
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El Monte, CA 91731
Made in the USA

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ORDERING INFORMATION

EXAMPLE: CIT200-2-2L-DRFA-WL-BPL1.5-DRDM-UNV-1/840

SERIES	NOMINAL LED LUMENS	NOMINAL LENGTH	OPTICAL	RATING	MECHANICAL	CONTROLS / ELECTRICAL	DRIVER	VOLTAGE	# OF LED ROWS	CRI / CCT	AMBIENT TEMP
CIT200									**1**		
CIT200 • 6 ¾" Wide Fully Gasketed Vapor Tight Luminaire	**1** - 1000lm **2** - 2000lm **3** - 3000lm **4** - 4000lm **6** - 6000lm **High Efficacy** **1HE** - 1000lm **2HE** - 2000lm **3HE** - 3000lm	**2L** • 2'	**DRFA** • High Impact Smooth Acrylic Frosted Lens	**WL** • Wet Location Hardware (2 Stainless Steel Mounting Brackets and 1 Pre-Installed Watertight Hub) **WL(RM)** • Wet Location Hardware (2 Stainless Steel Mounting Brackets for Threaded Rods and 1 Pre-Installed Watertight Hub)	**SZ** • NSF Splash Zone Certification **WTHUB** • Second Pre-Installed Watertight Hub **SSL** • Stainless Steel Latches **TP** • Stainless Steel Tamper Proof Screws *Leave blank if not specified	**MS(xx)** • Motion Sensor • Lens Option **WLC(LEDRU)** • Wireless Control **BPL1.5** • 1500lm Emergency Battery Pack **SP10** • 10 kV Surge Protector *Leave blank if not specified	**DRDM** • 0-10V Dimming Driver **DRDM2C** • 2-Channel 0-10V Dimming Driver (for Color Tunable White) **DRSD** • Step Dimming Driver **DR2W** • 120V 2-Wire Phase Dimming Driver (Must Specify 120V in Voltage Column)	**UNV** • 120V-277V **UCV** • 120V-347V **120V** • 120 Volt (For DR2W Driver Type) **347V** • 277 Volt **480V** • 480 Volt	**1** • 1 LED Row	**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 Requires DRDM2C driver **90CRI Also available** Contact customer service for additional CRI/CCT packages..	**HT** • High Ambient Temp. *HT cannot be combined with HE systems
	2 - 2000lm **4** - 4000lm **6** - 6000lm **8** - 8000lm **12** - 12000lm **High Efficacy** **2HE** - 2000lm **4HE** - 4000lm **6HE** - 6000lm **8HE** - 8000lm	**4L** • 4'									
	12 - 12000lm **16** - 16000lm **20** - 20000lm **24** - 24000lm **High Efficacy** **12HE** - 12000lm **16HE** - 16000lm **20HE** - 20000lm **24HE** - 24000lm	**8L** • 8'									

Most common options for CIT200 shown above. For additional options, including lumen packages, controls, lenses, colors/finishes, cord & plug, switches, 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 CIT200

DRFA	Impact-Resistant Smooth Acrylic Frosted

ADDITIONAL AVAILABLE LENSES

DRRLFR	Impact-Resistant Ribbed Acrylic Frosted
FPC	Impact-Resistant Polycarbonate Smooth Frosted
LIRAFR	Impact-Resistant Smooth Frosted Acrylic Lens for Wide Light Distribution
DRCA	Impact-Resistant Clear Acrylic

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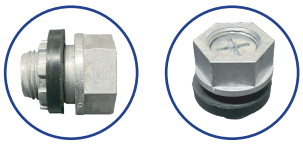
MECHANICAL OPTIONS

Pre-installed mechanical options are ordered by adding the suffix to the luminaire description:
CIT200-12-8L-DRFA-WL-WTHUB-DRDM-UNV-1/840

WATERTIGHT HUB
WTHUB
- Zinc die cast hub with rubber gasket seal
- Threaded to fit ½" pipe
- One pre-installed hub included on all luminaires
- Second pre-installed hub included when specifying WTHUB



STAINLESS STEEL LATCHES
SSL
- Corrosion resistant stainless steel latches
- Six (6) latches provided per 2' luminaire; Eight (8) latches provided per 4' luminaire; Fourteen (14) latches provided per 8' luminaire

TAMPER PROOF SCREWS
TP
- Hex Pin Stainless Steel Tamper Proof Screws

MOUNTING ACCESSORIES

Mounting Brackets - Included with luminaire or available as replacements

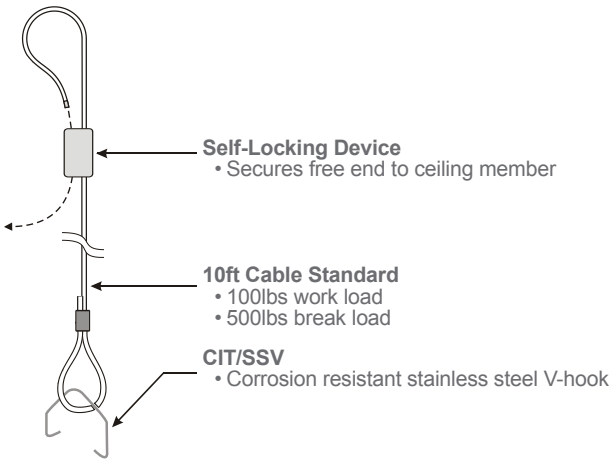
STAINLESS STEEL MOUNTING BRACKET
CIT2/SSMB
- Corrosion-resistant stainless steel mounting bracket
- Snaps securely into enclosure without creating hole in housing
- Two required per fixture
- Two brackets included with luminaire when ordering WL option

STAINLESS STEEL MOUNTING BRACKET FOR THREADED RODS
CIT2/SSMBRM
- Corrosion-resistant stainless steel mounting bracket for 3/8" threaded rods
- Snaps securely into enclosure without creating hole in housing
- Ideal for wall-or ceiling-mount applications
- Two required per fixture
- Two brackets included with luminaire when ordering WL(RM) option

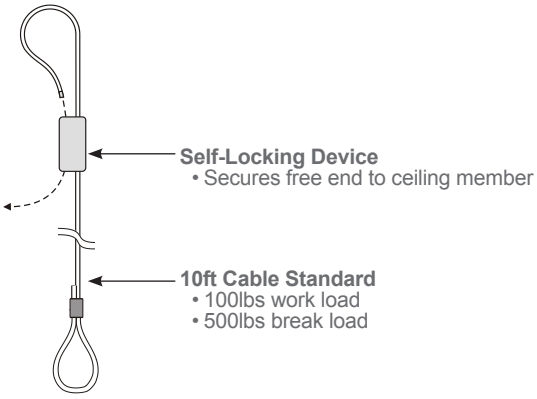
Mounting Accessories - Ordered separately from luminaire

STAINLESS STEEL V-HOOK
CIT/SSV
- Corrosion-resistant stainless steel V-hook for suspension mounting
- Connects to stainless steel mounting bracket
- Two V-hooks required per fixture

COMPLETE CABLE MOUNTING SYSTEM
CIT/VCS10
- Complete mounting kit with cables and V-hooks
- 1 kit required to suspend luminiare
- Includes 2x CS10 cable systems and 2x CIT/SSV stainless steel V-hooks



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



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SYSTEM DATA

ADDITIONAL LUMEN PACKAGES AVAILABLE. CONTACT CUSTOMER SERVICE FOR MORE INFORMATION

2' - LED LUMEN PACKAGE	NORMAL AMBIENT TEMPERATURE PRODUCT CODE	DELIVERED LUMENS	SYSTEM WATTS	LUMINAIRE EFFICACY	AMBIENT TEMP.	FLUORESCENT EQUIVALENT	IES FILES
1000 Lumens (Nominal)	CIT200-1-2L-DRFA-DRDM-UNV-1/840	1184	7.3	162.5 lm/W	-20°C / 35°C (-4°F / 95°F)	1x F17T8	*
2000 Lumens (Nominal)	CIT200-2-2L-DRFA-DRDM-UNV-1/840	1944	12.4	157.1 lm/W	-20°C / 35°C (-4°F / 95°F)	1x F24T5HO 2x F17T8	*
3000 Lumens (Nominal)	CIT200-3-2L-DRFA-DRDM-UNV-1/840	3053	20.3	150.4 lm/W	-20°C / 35°C (-4°F / 95°F)	3x F17T8	*
4000 Lumens (Nominal)	CIT200-4-2L-DRFA-DRDM-UNV-1/840	3769	25.8	146.3 lm/W	-20°C / 35°C (-4°F / 95°F)	2x F24T5HO 4x F17T8	*
6000 Lumens (Nominal)	CIT200-6-2L-DRFA-DRDM-UNV-1/840	5741	37.9	151.5 lm/W	-20°C / 35°C (-4°F / 95°F)	3x F24T5HO 6x F17T8	*
2' - LED LUMEN PACKAGE	**NORMAL AMBIENT TEMPERATURE (HIGH EFFICACY) PRODUCT CODE**	**DELIVERED LUMENS**	**SYSTEM WATTS**	**LUMINAIRE EFFICACY**	**AMBIENT TEMP.**	**FLUORESCENT EQUIVALENT**	**IES FILES**
1000 Lumens (Nominal)	CIT200-1HE-2L-DRFA-DRDM-UNV-1/840	1203	7.2	167.4 lm/W	-20°C / 35°C (-4°F / 95°F)	1x F17T8	*
2000 Lumens (Nominal)	CIT200-2HE-2L-DRFA-DRDM-UNV-1/840	1981	12.1	163.9 lm/W	-20°C / 35°C (-4°F / 95°F)	1x F24T5HO 2x F17T8	*
3000 Lumens (Nominal)	CIT200-3HE-2L-DRFA-DRDM-UNV-1/840	3132	19.6	159.7 lm/W	-20°C / 35°C (-4°F / 95°F)	3x F17T8	*
2' - LED LUMEN PACKAGE	**HIGH AMBIENT TEMPERATURE PRODUCT CODE**	**DELIVERED LUMENS**	**SYSTEM WATTS**	**LUMINAIRE EFFICACY**	**AMBIENT TEMP.**	**FLUORESCENT EQUIVALENT**	**IES FILES**
2000 Lumens (Nominal)	CIT200-2-2L-DRFA-DRDM-UNV-1/840HT	1859	11.3	163.3 lm/W	-30°C / 45°C (-22°F / 113°F)	1x F24T5HO 2x F17T8	*
3000 Lumens (Nominal)	CIT200-3-2L-DRFA-DRDM-UNV-1/840HT	2841	18.0	157.5 lm/W	-30°C / 45°C (-22°F / 113°F)	3x F17T8	*
4000 Lumens (Nominal)	CIT200-4-2L-DRFA-DRDM-UNV-1/840HT	3791	24.8	152.8 lm/W	-30°C / 45°C (-22°F / 113°F)	2x F24T5HO 4x F17T8	*
4' - LED LUMEN PACKAGE	**NORMAL AMBIENT TEMPERATURE PRODUCT CODE**	**DELIVERED LUMENS**	**SYSTEM WATTS**	**LUMINAIRE EFFICACY**	**AMBIENT TEMP.**	**FLUORESCENT EQUIVALENT**	**IES FILES**
2000 Lumens (Nominal)	CIT200-2-4L-DRFA-DRDM-UNV-1/835	1982	12.1	164.0 lm/W	-20°C / 35°C (-4°F / 95°F)	1x F32T8	*
4000 Lumens (Nominal)	CIT200-4-4L-DRFA-DRDM-UNV-1/835	3890	24.7	157.2 lm/W	-20°C / 35°C (-4°F / 95°F)	1x F54T5HO 2x F32T8	*
6000 Lumens (Nominal)	CIT200-6-4L-DRFA-DRDM-UNV-1/840	5742	37.9	151.6 lm/W	-20°C / 35°C (-4°F / 95°F)	3x F32T8	*
8000 Lumens (Nominal)	CIT200-8-4L-DRFA-DRDM-UNV-1/840	7540	51.5	146.3 lm/W	-20°C / 35°C (-4°F / 95°F)	2x F54T5HO 4x F32T8	*
12000 Lumens (Nominal)	CIT200-12-4L-DRFA-DRDM-UNV-1/840	11484	75.8	151.6 lm/W	-20°C / 35°C (-4°F / 95°F)	3x F54T5HO 6x F32T8	*
4' - LED LUMEN PACKAGE	**NORMAL AMBIENT TEMPERATURE (HIGH EFFICACY) PRODUCT CODE**	**DELIVERED LUMENS**	**SYSTEM WATTS**	**LUMINAIRE EFFICACY**	**AMBIENT TEMP.**	**FLUORESCENT EQUIVALENT**	**IES FILES**
2000 Lumens (Nominal)	CIT200-2HE-4L-DRFA-DRDM-UNV-1/840	2014	11.9	168.7 lm.W	-20°C / 35°C (-4°F / 95°F)	1x F32T8	*
4000 Lumens (Nominal)	CIT200-4HE-4L-DRFA-DRDM-UNV-1/840	3963	24.2	164.0 lm/W	-20°C / 35°C (-4°F / 95°F)	1x F54T5HO 2x F32T8	*
6000 Lumens (Nominal)	CIT200-6HE-4L-DRFA-DRDM-UNV-1/840	5885	36.7	160.4 lm/W	-20°C / 35°C (-4°F / 95°F)	3x F32T8	*
8000 Lumens (Nominal)	CIT200-8HE-4L-DRFA-DRDM-UNV-1/840	7779	49.5	157.2 lm/W	-20°C / 35°C (-4°F / 95°F)	2x F54T5HO 4x F32T8	*
4' - LED LUMEN PACKAGE	**HIGH AMBIENT TEMPERATURE PRODUCT CODE**	**DELIVERED LUMENS**	**SYSTEM WATTS**	**LUMINAIRE EFFICACY**	**AMBIENT TEMP.**	**FLUORESCENT EQUIVALENT**	**IES FILES**
4000 Lumens (Nominal)	CIT200-4-4L-DRFA-DRDM-UNV-1/840HT	3936	25.4	155.0 lm/W	-30°C / 50°C (-22°F/122°F)	1x F54T5HO 2x F32T8	*
6000 Lumens (Nominal)	CIT200-6-4L-DRFA-DRDM-UNV-1/840HT	5900	38.5	153.3 lm/W	-30°C / 50°C (-22°F/122°F)	3x F32T8	*
8000 Lumens (Nominal)	CIT200-8-4L-DRFA-DRDM-UNV-1/840HT	7820	50.4	155.1 lm/W	-30°C / 50°C (-22°F/122°F)	2x F54T5HO 4x F32T8	*
12000 Lumens (Nominal)	CIT200-12-4L-DRFA-DRDM-UNV-1/840HT	12290	91.9	133.8 lm/W	-30°C / 50°C (-22°F/122°F)	3x F54T5HO 6x F32T8	*

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SYSTEM DATA

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8' - LED LUMEN PACKAGE	NORMAL AMBIENT TEMPERATURE PRODUCT CODE	DELIVERED LUMENS	SYSTEM WATTS	LUMINAIRE EFFICACY	AMBIENT TEMP.	FLUORESCENT EQUIVALENT	IES FILES
12000 Lumens (Nominal)	CIT200-12-8L-DRFA-DRDM-UNV-1/840	11452	75.8	151.1 lm/W	-20°C / 35°C (-4°F / 95°F)	2x F32T8	LA-T3943b
16000 Lumens (Nominal)	CIT200-16-8L-DRFA-DRDM-UNV-1/840	15036	103.1	145.9 lm/W	-20°C / 35°C (-4°F / 95°F)	4x F54T5HO 8x F32T8	*
20000 Lumens (Nominal)	CIT200-20-8L-DRFA-DRDM-UNV-1/840	18864	122.4	154.2 lm/W	-20°C / 35°C (-4°F / 95°F)	5x F54T5HO 10x F32T8	*
24000 Lumens (Nominal)	CIT200-24-8L-DRFA-DRDM-UNV-1/840	22537	149.0	151.2 lm/W	-20°C / 35°C (-4°F / 95°F)	6x F54T5HO 4x F96T8HO	*

8' - LED LUMEN PACKAGE	NORMAL AMBIENT TEMPERATURE (HIGH EFFICACY) PRODUCT CODE	DELIVERED LUMENS	SYSTEM WATTS	LUMINAIRE EFFICACY	AMBIENT TEMP.	FLUORESCENT EQUIVALENT	IES FILES
12000 Lumens (Nominal)	CIT200-12HE-8L-DRFA-DRDM-UNV-1/840	11354	72.8	155.9 lm/W	-20°C / 35°C (-4°F / 95°F)	2x F32T8	*
16000 Lumens (Nominal)	CIT200-16HE-8L-DRFA-DRDM-UNV-1/840	15136	99.1	152.7 lm/W	-20°C / 35°C (-4°F / 95°F)	4x F54T5HO 8x F32T8	*
20000 Lumens (Nominal)	CIT200-20HE-8L-DRFA-DRDM-UNV-1/840	18864	126.0	149.8 lm/W	-20°C / 35°C (-4°F / 95°F)	5x F54T5HO 10x F32T8	*
24000 Lumens (Nominal)	CIT200-24HE-8L-DRFA-DRDM-UNV-1/840	22537	153.4	146.9 lm/W	-20°C / 35°C (-4°F / 95°F)	6x F54T5HO 4x F96T8HO	*

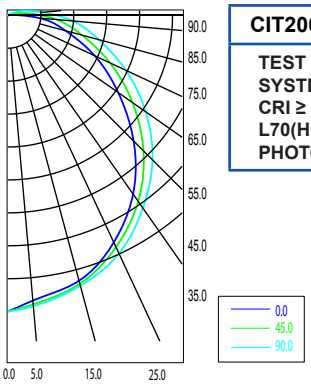
8' - LED LUMEN PACKAGE	HIGH AMBIENT TEMPERATURE PRODUCT CODE	DELIVERED LUMENS	SYSTEM WATTS	LUMINAIRE EFFICACY	AMBIENT TEMP.	FLUORESCENT EQUIVALENT	IES FILES
8000 Lumens (Nominal)	CIT200-8-8L-DRFA-DRDM-UNV-1/840HT	7685	50.8	151.3 lm/W	-30°C / 45°C (-22°F / 113°F)	2x F54T5HO 4x F32T8	*
12000 Lumens (Nominal)	CIT200-12-8L-DRFA-DRDM-UNV-1/840HT	11519	77.0	149.6 lm/W	-30°C / 45°C (-22°F / 113°F)	2x F32T8	*
16000 Lumens (Nominal)	CIT200-16-8L-DRFA-DRDM-UNV-1/840HT	15299	103.7	147.6 lmW	-30°C / 45°C (-22°F / 113°F)	4x F54T5HO 8x F32T8	*

NOTE:
System data as of 7/3/25 (K-Boards).
Luminaire efficiency: 2ft - 92.9%, 4ft - 93.0%, 8ft - 92.7%
Subject to change without notice.

System data is based on 120V input voltage. Actual performance may differ as a result of end-user environment and application. This fixture has been tested and listed in accordance with UL Standards. L.A. Lighting certifies that it will operate safely when installed properly, and within an ambient temperature range noted in the system data table.

Additional lumen packages and color temperatures available.

PHOTOMETRIC DATA



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

TEST NO. = LA-T3943b
SYSTEM WATT (W) = 75.8
CRI ≥ 80
L70(Hrs.) ≥ 50,000
PHOTOMETRY TYPE = C

ZONAL LUMEN SUMMARY

DEGREES	LUMENS	% LAMP	% FIXTURE
0-30	2764	22.37	24.14
0-40	4521	36.59	39.48
0-60	8030	64.99	70.12
0-90	11019	89.18	96.23
90-120	431	3.49	3.76
90-150	432	3.50	3.77
90-180	432	3.50	3.77
0-180	11451	92.68	100.0

SPACING CRITERION

ALONG	ACROSS
1.20	1.25

Luminaire Output = 11452 lumens
Luminaire Efficacy = 151.1 lm/W
Luminaire Efficiency = 92.7%

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