

LC24

Fundamentals 2' x 4' Recessed LED

JOB NAME		CATALOG NUMBER	
NOTES		TYPE	

ELECTRICAL DATA

LED Light Engine	Delivered Lumens *	System Wattage **
L1	4350lm @ 3500K / 80 CRI	40 Watts

* Delivered lumen output will vary depending on CCT selection.

** System Wattage include driver and LED Module consumption.

FEATURES

- Exceptional efficacy up to 110 lumens per watt
- Soft, uniform illumination without pixilation
- High quality, durable construction
- Modern look and high quality architectural finish
- Easy installation and maintenance with easy access to LED's
- Designed to last a minimum 50,000 hours at L85
- 0-10V standard
- DLC Listed
- 3 5/8" shallow depth

LED MODULE

80 CRI in 3500K; consult factory for additional CCT / CRI values and lead times

ELECTRICAL

- Universal 120-277V 50/60Hz
- Power Factor >0.9

DIMMING

- 0-10V dimming to 5% standard
- EldoLED SOLOdrive 0-10V 0.1%
- EldoLED ECOdrive 0-10V 1%
- Lutron® LDE1 Hi-Lume 1% EcoSystem LED driver with Soft-on, Fade-to-Black dimming technology
- Lutron® LTEA2W Hi-Lume 1% 2-Wire LED driver (120V forward phase only)

HOUSING

- Cold rolled steel
- High reflectance white powder coat

OPTICAL SYSTEM

High reflectance white powder coat reflector and high transmission diffuser lens provides soft, uniform indirect and direct light for even distribution. High transmission diffuser reduces glare and provides even illumination without pixilation. Diffuser is easily removed for access to the LEDs.

MOUNTING

Easily installs from below into a 2' x 4' T-bar ceiling with integrated T-Bar clips.

EMERGENCY BACKUP

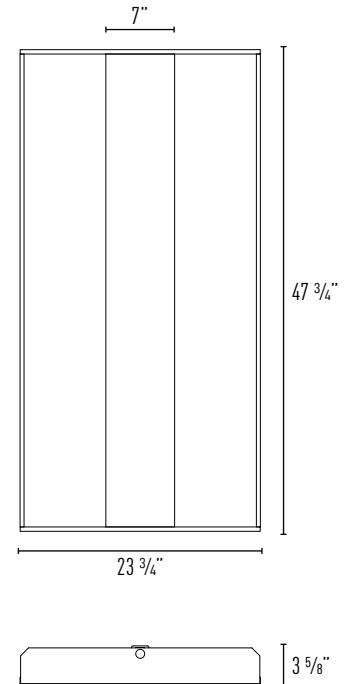
Integral test switch included. External battery operates LED load of up to 7W at a minimum of 750 lumens for 90 minutes. Servicing requires access above ceiling.

LISTING / WARRANTY

- ETL Listed to US and Canadian standards for damp locations
- 5-Year Intense LED Limited Warranty
- DLC Listed



fundamentals™



Part Number (Example: LC24L1835W-ED10V1)

Luminaire	Wattage	CCT / CRI ¹	Finish	Dimming	Option
LC24	L1 (40 Watts)	835 (3500K / 80 CRI)	W (White)	(blank) (0-10V Dimming 5%) -ED10V1 (eldoLED 0-10V 1%) -ED10V01 (eldoLED 0-10V 0.1%) -LUT (Lutron® LDE1 EcoSystem 1%) -LUT2 (Lutron® LTEA2W 2-Wire 1%)	EM7T (7W Emergency Unit w/Integral Test Switch IOTA part #ILB-CP07)

2' x 4' LED Recessed

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LC24L1840

Report #: 1

Luminaire Watts: 40.7W

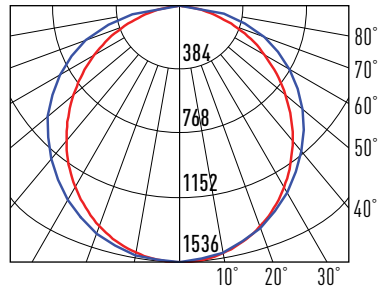
Luminaire Lumens: 4469lm

Lumens Per Watt: 110

Color Temperature: 4000K

Emergency Multiplier:
7W Emergency (x 0.17)

Polar Curve



Zonal Lumen Summary

Zone	Lumens	% of Fixture
0-30°	1184	27%
0-40°	1935	43%
0-60°	3439	77%
0-90°	4469	100%

Candelapower Summary

Degree	0°	90°
0°	1536	1536
5°	1520	1528
15°	1461	1461
25°	1356	1333
35°	1215	1159
45°	1052	944
55°	865	710
65°	654	470
75°	407	234
85°	0	41
90°	0	3