



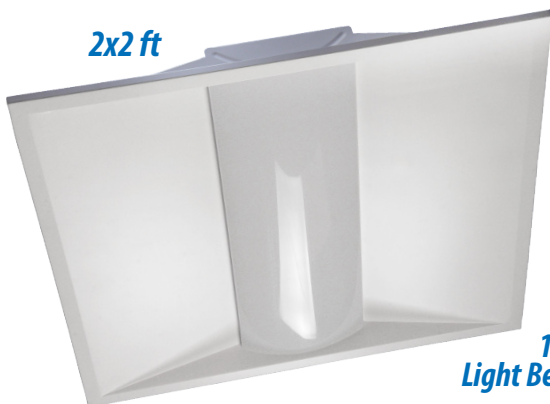
LED Tunable, Multi-Mode Troffer Luminaires

With Programmable Wattage, CCT, Dimming, Occupant & Daylight Sensing

2x2, 2x4 ft – 20 to 50 Watts – 3000, 3500, 4000 or 5000K CCT – 120° Beam – 100 to 277VAC (0-10V Dimming Dial Option)



2x2 ft



120°
Light Beam

At 35 Watts – Replaces 2~3 Fluorescent Tubes 32W each

CLT2X2CT-2035W-101DM

Nominal Power	20 Watts	25 Watts	30 Watts	35 Watts
COLOR TEMP. (CCT)	Warm White / 3000K			
Input Power	19.7 Watts	24 Watts	28.6 Watts	33 Watts
Input Current	0.168A	0.201A	0.241A	0.277A
Total Lumens	2467.5 lm	2953.2 lm	3452.2 lm	3891.5 lm
Efficacy	123.3 lm/W	123.1 lm/W	120.7 lm/W	117.9 lm/W
Max. Candela	776.7 cd	929 cd	1085 cd	1226.2 cd
Power Factor	0.98	0.99	0.99	0.99
COLOR TEMP. (CCT)	Medium White / 3500K			
Input Power	20.1 Watts	25.5 Watts	29.2 Watts	33.6 Watts
Input Current	0.171A	0.209A	0.245A	0.283A
Total Lumens	2625.1 lm	3165.3 lm	3729.7 lm	4250.8 lm
Efficacy	130.6 lm/W	124.1 lm/W	127.7 lm/W	126.5 lm/W
Max. Candela	827.6 cd	997 cd	1175 cd	1337.8 cd
Power Factor	0.98	0.99	0.99	0.99
COLOR TEMP. (CCT)	Natural White / 4000K			
Input Power	20.2 Watts	24.4 Watts	29.1 Watts	33.6 Watts
Input Current	0.170A	0.209A	0.243A	0.282A
Total Lumens	2676.9 lm	3210.9 lm	3791.5 lm	4301.6 lm
Efficacy	135.5 lm/W	131.6 lm/W	130.3 lm/W	128 lm/W
Max. Candela	843.4 cd	1011 cd	1192 cd	1356.4 cd
Power Factor	0.98	0.98	0.99	0.99
COLOR TEMP. (CCT)	Pure White / 5000K			
Input Power	19.5 Watts	23.7 Watts	28.3 Watts	32.7 Watts
Input Current	0.165A	0.200A	0.239A	0.275A
Total Lumens	2543.3 lm	3035.3 lm	3563.4 lm	4027.1 lm
Efficacy	130.4 lm/W	128.1 lm/W	125.9 lm/W	123.2 lm/W
Max. Candela	801.5 cd	957 cd	1123.8 cd	1269 cd
Power Factor	0.98	0.98	0.99	0.99
Input Voltage	120~277VAC (Tested @ 120VAC)			
Illumination Angle	120°			
CRI	>80			
Dimmability	Programmed Dimming -OR- External 0-10V Dim Option			
Frame	Plastic & Polycarbonate / White Color			
Diffuser Plate	Frosted White / Plastic			
Protection Rating	IP40 (Dry or Damp Location Use Only)			
Oper. Temperature	-4°F ~ +113°F / -20°C ~ +45°C			
Dimensions	23.74 x 23.74 x 2.99 inch / 603 x 603 x 76 mm			
Weight	4.9 lbs / 2.22 kg			
UL/cUL Listing	E491975			
DLC Product Code	PLCXA5LAHYX6			

FEATURES

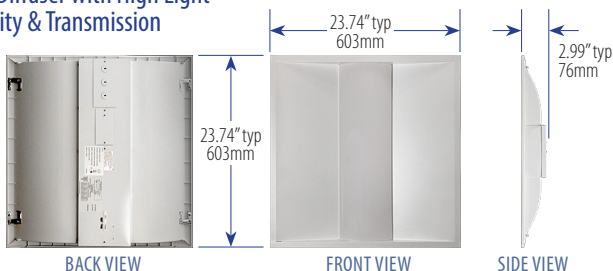
- 5 Year LEDtronics Warranty
- Long Lifespan: Lumen Maintenance over 70% @ 50,000+ Hours
- Energy Savings up to 75% over Fluorescents
- Variable Wattage in 5W Increments: From 20W to 50W (for the Series)
- Programmable White Color Temperature: 3000K, 3500K, 4000K, or 5000K
- Embedded Microwave Motion Sensor (with dip switch) – Adjustable Occupancy & Daylight Sensor, No-Occupant Hold Time, Dimming Level, Standby Dimming Time
- Solid State – High Shock & High-Vibration-Proof
- LM80-Certified SMD Chips: High Lumen, High CRI, High-Efficacy & High Uniformity, Negligible Heat
- Damage- & Fire-resistant Plastic & Polycarbonate Housing Tested to Standards NFPA 255, (ASTM E84), Class B
- Frosted Diffuser with High Light Uniformity & Transmission
- Can Function with 0-10V External Dialed Continuous Dimmer (Not for use with programmed dimming)
- DLC & UL/cUL Listed
- Title 24 Compliant
- No UV or IR, No Glass, No Mercury – RoHS Compliant

APPLICATIONS

- Wherever Occupant & Ambient Light Sensing can Provide Energy Savings
- Replaces Standard Drop Ceiling Troffer & Parabolic Fixtures
- Hospital & Hospitality Lighting
- Office, Conference Room Lighting
- Retail, Convenience Store Lighting
- Commercial Area Lighting
- School/College/University Lighting

AVAILABLE OPTIONS

- 90-Minute/10W Emergency Power Pack



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Engineering & Manufacturing Experience

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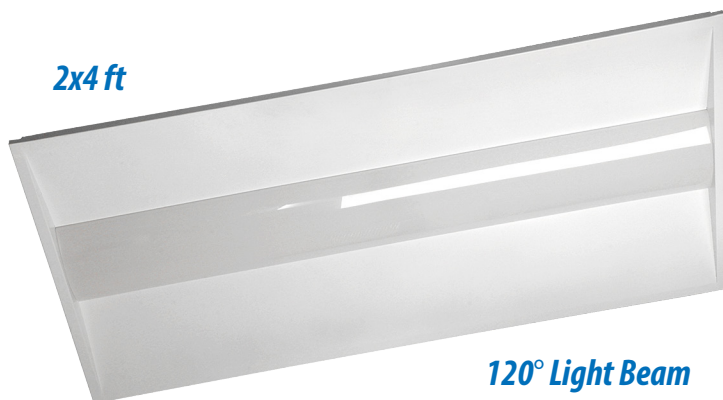
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www.LEDtronics.com

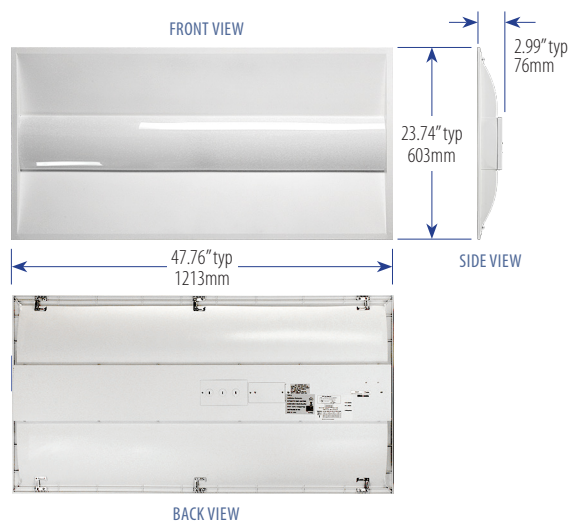
LOG 773 / Rev 07-2019

Check LEDtronics.com for latest data.
Printed material may be outdated.

2x4 ft



120° Light Beam

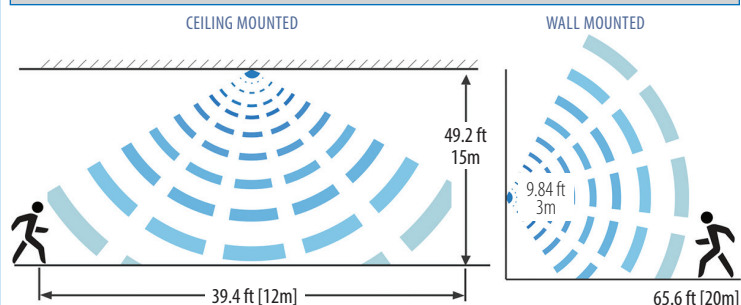


50 Watts — Replaces 4 Fluorescent Tubes 32W each

CLT2X4CT-3550W-101DM

Nominal Power	35 Watts	40 Watts	45 Watts	50 Watts
COLOR TEMP. (CCT)	Warm White / 3000K			
Input Power	28.5 Watts	34.3 Watts	41 Watts	47.7 Watts
Input Current	0.241A	0.289A	0.341A	0.399A
Total Lumens	3604.3 lm	4305.9 lm	5017 lm	5682.1 lm
Efficacy	126.5 lm/W	125.5 lm/W	122.4 lm/W	119.1 lm/W
Max. Candela	1144 cd	1373 cd	1600 cd	1814 cd
COLOR TEMP. (CCT)	Medium White / 3500K			
Input Power	29.1 Watts	36.3 Watts	42.5 Watts	49.3 Watts
Input Current	0.246A	0.305A	0.357A	0.414A
Total Lumens	3897.4 lm	4677.4 lm	5493.7 lm	6269.1 lm
Efficacy	133.9 lm/W	128.9 lm/W	129.3 lm/W	127.2 lm/W
Max. Candela	1236 cd	1492 cd	1753 cd	1998 cd
COLOR TEMP. (CCT)	Natural White / 4000K			
Input Power	29.5 Watts	35.9 Watts	43.0 Watts	49.9 Watts
Input Current	0.249A	0.302A	0.361A	0.419A
Total Lumens	4016.8 lm	4804.6 lm	5645.8 lm	6478.1 lm
Efficacy	135.2 lm/W	133.8 lm/W	131.3 lm/W	129.8 lm/W
Max. Candela	1272 cd	1528 cd	1799 cd	2055 cd
COLOR TEMP. (CCT)	Pure White / 5000K			
Input Power	29.0 Watts	36.2 Watts	43.6 Watts	49.4 Watts
Input Current	0.244A	0.305A	0.366A	0.414A
Total Lumens	3882.5 lm	4601.1 lm	5394.1 lm	6135.1 lm
Efficacy	133.9 lm/W	127.1 lm/W	123.7 lm/W	124.2 lm/W
Max. Candela	1228 cd	1464.8 cd	1719.4 cd	1949 cd
Input Voltage	120~277VAC (Tested @ 120VAC)			
Power Factor	0.99			
Illumination Angle	120°			
CRI	>80			
Dimmability	Programmed Dimming -OR- External 0-10V Dim Option			
Frame	Plastic & Polycarbonate / White Color			
Diffuser Plate	Frosted White / Plastic			
Protection Rating	IP40 (Dry or Damp Location Use Only)			
Oper. Temperature	-4°F ~ +113°F / -20°C ~ +45°C			
Dimensions	47.76 x 23.74 x 2.99 inch / 1213 x 603 x 76 mm			
Weight	8.6 lbs / 3.9 kg			
UL/cUL Listing	E491975			
DLC Product Code	PLNF5IJQX1AA			

MOTION-SENSING DETECTION COVERAGE



APPLICATIONS

