



LED Tunable, Multimode Thin Panel Luminaires with Programmable Wattage, CCT, Dimming, Occupant & Daylight Sensing

1x4, 2x2 & 2x4 ft Sizes – 30 to 72 Watts – 3000K, 3500K, 4000K & 5000K – 120 to 277VAC – 120° Wide Beam



WWW.LEDTRONICS.COM

106 772 / Rev 09-2023

Check LEDTRONICS.COM for latest data. Printed material may be outdated.



30 Watts
Replaces 4-Tube
Fluorescent
Fixtures up to
98W

45 Watts
Replaces 4-Tube
Fluorescent
Fixtures up to
130W

FEATURES

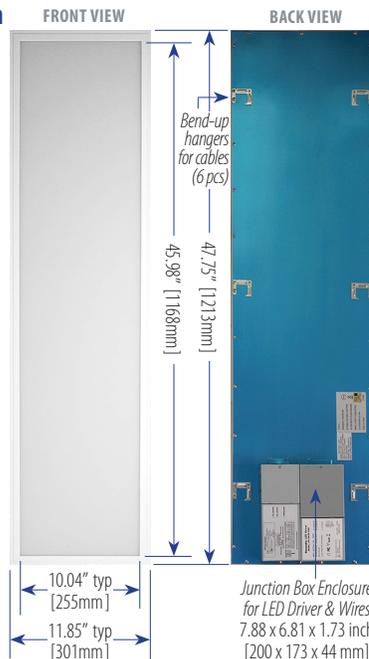
- 5 Year LEDtronics Warranty
- **Long Lifespan:** Lumen Maintenance over 70% @ 50,000+ Hours
- Energy Savings up to 75% over Fluorescents
- **Variable Wattage:** From 20W to 72W in 5W Increments (for the Series)
- **Programmable White Color Temperature:** 3000K, 3500K, 4000K or 5000K
- Embedded Microwave Motion Sensor (with dip switch) – Adjustable Occupancy & Daylight Sensor, No-Occupant Hold Time, Dimming Level, Standby Dimming Time
- Solid State – High Shock & Vibration-Proof
- **LM80 SMD Chips:** High Lumen, High CRI, No Heat
- White Trim Aluminum Frame, High Quality Light Guide Plate
- Frosted PS Diffuser Offers High Uniformity & Transmission
- **Continuous Dimmability:** 0-10V, PWM (No Flicker)
- DLC & UL/cUL Listed
- Title 24 Compliant
- No UV or IR, No Glass, No Mercury – RoHS Compliant

AVAILABLE OPTION

- 90-Minute/10W Emergency Power Pack

APPLICATIONS

- Recessed Panel Luminaires for Ambient Lighting of Interior Commercial Spaces
- Wherever Occupant & Ambient Light Sensing can Provide Energy Savings
- Ultraslim Profile Fits Seamlessly into Standard Dropped Ceiling Troffer & Parabolic Fixtures
- Industrial Area Lighting
- Hospital & Hospitality Lighting
- Office & Conference Room Lighting
- Retail & Convenience Store Lighting
- Commercial Area Lighting
- School/College/University Lighting



CLL1X4CT-3045W-101DM

Nominal Power	30 Watts	35 Watts	40 Watts	45 Watts
COLOR TEMP. (CCT)	Warm White / 3000K			
Input Power	29.8 Watts	34.4 Watts	39.0 Watts	43.2 Watts
Input Current	0.250A	0.290A	0.326A	0.363A
Total Lumens	2902.5 lm	3300.2 lm	3637.2 lm	3912.2 lm
Efficacy	97.4 lm/W	96.0 lm/W	93.3 lm/W	90.6 lm/W
Max. Candela	1008 cd	1133 cd	1245 cd	1340 cd
COLOR TEMP. (CCT)	Medium White / 3500K			
Input Power	29.8 Watts	34.4 Watts	39.2 Watts	43.5 Watts
Input Current	0.250A	0.290A	0.329A	0.364A
Total Lumens	3238.3 lm	3724.3 lm	4162 lm	4558.4 lm
Efficacy	108.7 lm/W	108.3 lm/W	106.2 lm/W	104.8 lm/W
Max. Candela	1129 cd	1278 cd	1425 cd	1558 cd
COLOR TEMP. (CCT)	Natural White / 4000K			
Input Power	29.8 Watts	34.4 Watts	39.0 Watts	43.5 Watts
Input Current	0.250A	0.290A	0.329A	0.364A
Total Lumens	3320.6 lm	3823.7 lm	4282.5 lm	4700.2 lm
Efficacy	111.4 lm/W	111.2 lm/W	109.8 lm/W	108.1 lm/W
Max. Candela	1158.6 cd	1311 cd	1466 cd	1609 cd
COLOR TEMP. (CCT)	Pure White / 5000K			
Input Power	29.8 Watts	34.4 Watts	39.2 Watts	43.5 Watts
Input Current	0.250A	0.290A	0.329A	0.364A
Total Lumens	3066 lm	3504.8 lm	3876.2 lm	4173.5 lm
Efficacy	102.9 lm/W	101.9 lm/W	98.9 lm/W	96.0 lm/W
Max. Candela	1070.2 cd	1201 cd	1327 cd	1429 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	Aluminum / White Color			
Light Guide Plate	4mm, PMMA			
Diffuser Plate	Frosted White / Polystyrene			
Protection Rating	IP40 (Dry or Damp Location Use Only)			
Oper. Temperature	-4°F ~+113°F / -20°C ~+45°C			
Dimensions	47.75 x 11.85 x 0.37 inch / 1213 x 301 x 9.4 mm			
Weight	7.6 lbs / 3.45 kg (w/Power Supply)			
UL/cUL Listing	E491975			
DLC Product Code	PL5926YARB4Q			



LEDTRONICS

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Manufacturing
Experience

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LED Tunable, Occupant & Dusk-Sensing Thin Panel Luminaires: 2x4 ft



35 Watts
Replaces 2 T8
32W Fluorescent
Tube Fixtures

45 Watts
Replaces 3 T8
32W Fluorescent
Tube Fixtures

60 Watts
Replaces 4 T8
32W Fluorescent
Tube Fixtures

72 Watts
Replaces 4 T8
40W Fluorescent
Tube Fixtures

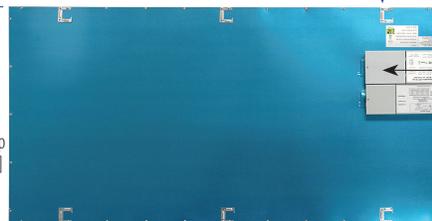
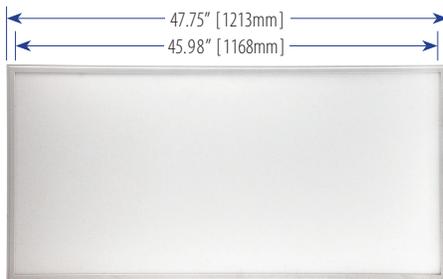
CLL2X4CT-3550W-101DM

Nominal Power	35 Watts	40 Watts	45 Watts	50 Watts
COLOR TEMP. (CCT)	Warm White / 3000K			
Input Power	33.5 Watts	38.4 Watts	42.7 Watts	47.5 Watts
Input Current	0.252A	0.323A	0.357A	0.397A
Total Lumens	4111.9 lm	4583.5 lm	5126.1 lm	5585.2 lm
Efficacy	122.7 lm/W	119.4 lm/W	120.1 lm/W	117.6 lm/W
Max. Candela	1383 cd	1544 cd	1740 cd	1895 cd
COLOR TEMP. (CCT)	Medium White / 3500K			
Input Power	34.1 Watts	38.5 Watts	43.0 Watts	48.2 Watts
Input Current	0.288A	0.323A	0.361A	0.404A
Total Lumens	4406.9 lm	4980.4 lm	5598.8 lm	6200.2 lm
Efficacy	129.2 lm/W	129.4 lm/W	130.2 lm/W	128.6 lm/W
Max. Candela	1472 cd	1676 cd	1898 cd	2098 cd
COLOR TEMP. (CCT)	Natural White / 4000K			
Input Power	33.6 Watts	38.4 Watts	43.0 Watts	48.3 Watts
Input Current	0.284A	0.321A	0.358A	0.404A
Total Lumens	4456.6 lm	5056.4 lm	5722.8 lm	6321.9 lm
Efficacy	132.6 lm/W	131.7 lm/W	133.1 lm/W	130.9 lm/W
Max. Candela	1490 cd	1706 cd	1937 cd	2145 cd
COLOR TEMP. (CCT)	Pure White / 5000K			
Input Power	33.1 Watts	37.5 Watts	42 Watts	46.7 Watts
Input Current	0.279A	0.313A	0.352A	0.391A
Total Lumens	4159.5 lm	4678.2 lm	5204.6 lm	5761.5 lm
Efficacy	125.7 lm/W	124.7 lm/W	123.9 lm/W	122.6 lm/W
Max. Candela	1398 cd	1584 cd	1757 cd	1955 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	Aluminum / White Color			
Light Guide Plate	4mm, PMMA			
Diffuser Plate	Frosted White / Polystyrene			
Protection Rating	IP40 (Dry or Damp Location Use Only)			
Oper. Temperature	-4°F ~+113°F / -20°C ~+45°C			
Dimensions	47.75 x 23.74 x 0.37 inch / 1213 x 603 x 9.4 mm			
Weight	14.44 lbs / 6.55 kg (w/Power Supply)			
UL/cUL Listing	E476593 (PLC-50W-24-28-DS-02)			
DLC Product Code	PLH7K7SFXS1V			



CLL2X4CT-5572W-101DM

Nominal Power	55 Watts	60 Watts	65 Watts	72 Watts
COLOR TEMP. (CCT)	Warm White / 3000K			
Input Power	57 Watts	62.6 Watts	67 Watts	74.5 Watts
Input Current	0.479A	0.525A	0.563A	0.624A
Total Lumens	6484.4 lm	6832.7 lm	7221.0 lm	7777.7 lm
Efficacy	113.8 lm/W	109.2 lm/W	107.8 lm/W	104.4 lm/W
Max. Candela	2197 cd	2355 cd	2484 cd	2678 cd
COLOR TEMP. (CCT)	Medium White / 3500K			
Input Power	57 Watts	61.8 Watts	66.5 Watts	74.4 Watts
Input Current	0.478A	0.519A	0.559A	0.623A
Total Lumens	7240.3 lm	7648.1 lm	8141.6 lm	8951.3 lm
Efficacy	127.3 lm/W	123.8 lm/W	122.4 lm/W	120.3 lm/W
Max. Candela	2457 cd	2639 cd	2083 cd	3080 cd
COLOR TEMP. (CCT)	Natural White / 4000K			
Input Power	57 Watts	61.6 Watts	66.4 Watts	74.2 Watts
Input Current	0.478A	0.517A	0.556A	0.621A
Total Lumens	7242.5 lm	7658.1 lm	8132.0 lm	8913.9 lm
Efficacy	127.3 lm/W	124.3 lm/W	122.5 lm/W	120.1 lm/W
Max. Candela	2459 cd	2637 cd	2801 cd	3069 cd
COLOR TEMP. (CCT)	Pure White / 5000K			
Input Power	56 Watts	61.3 Watts	65.8 Watts	73.1 Watts
Input Current	0.471A	0.514A	0.552A	0.610A
Total Lumens	6637 lm	7039.4 lm	7415.3 lm	8030.0 lm
Efficacy	118.5 lm/W	114.8 lm/W	112.7 lm/W	109.9 lm/W
Max. Candela	2262 cd	2422 cd	2557 cd	2769 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	Aluminum / White Color			
Light Guide Plate	4mm, PMMA			
Diffuser Plate	Frosted White / Polystyrene			
Protection Rating	IP40 (Dry or Damp Location Use Only)			
Oper. Temperature	-4°F ~+113°F / -20°C ~+45°C			
Dimensions	47.75 x 23.74 x 0.37 inch / 1213 x 603 x 9.4 mm			
Weight	14.44 lbs / 6.55 kg (w/Power Supply)			
UL/cUL Listing	E491975			
DLC Product Code	PLD2QVT77YEX			



FRONT VIEW

BACK VIEW

LED Tunable, Occupant & Dusk-Sensing Thin Panel Luminaires: 2x2 ft

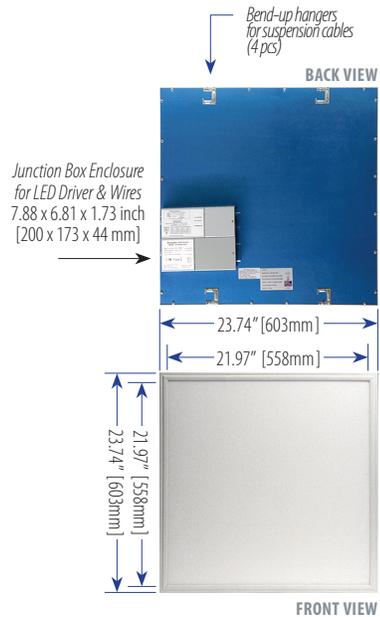


CLL2X2CT-3045W-101DM

Nominal Power	30 Watts	35 Watts	40 Watts	45 Watts
COLOR TEMP. (CCT)	Warm White / 3000K			
Input Power	29.9 Watts	34.5 Watts	39.2 Watts	43.5 Watts
Input Current	0.251A	0.291A	0.331A	0.369A
Total Lumens	3139.4 lm	3519 lm	3848 lm	4146.2 lm
Efficacy	105 lm/W	102.6 lm/W	98.2 lm/W	95.3 lm/W
Max. Candela	1105 cd	1220 cd	1355 cd	1438 cd
COLOR TEMP. (CCT)	Medium White / 3500K			
Input Power	30.0 Watts	34.3 Watts	39.3 Watts	43.5 Watts
Input Current	0.253A	0.291A	0.328A	0.369A
Total Lumens	3470.4 lm	3969.8 lm	4404.9 lm	4806.3 lm
Efficacy	115.7 lm/W	115.7 lm/W	112.1 lm/W	110.5 lm/W
Max. Candela	1232 cd	1411 cd	1531.4 cd	1666 cd
COLOR TEMP. (CCT)	Natural White / 4000K			
Input Power	29.9 Watts	34.3 Watts	39.3 Watts	43.5 Watts
Input Current	0.251A	0.291A	0.328A	0.369A
Total Lumens	3539.9 lm	4064.5 lm	4060 lm	4961.7 lm
Efficacy	118.4 lm/W	118.5 lm/W	115 lm/W	114.1 lm/W
Max. Candela	1255.2 cd	1411 cd	1572 cd	1721 cd
COLOR TEMP. (CCT)	Pure White / 5000K			
Input Power	29.8 Watts	34.3 Watts	39.3 Watts	43.5 Watts
Input Current	0.250A	0.291A	0.328A	0.369A
Total Lumens	3256.1 lm	3707.5 lm	4091.6 lm	4390 lm
Efficacy	109.3 lm/W	108.1 lm/W	104.1 lm/W	100.9 lm/W
Max. Candela	1154.4 cd	1283 cd	1417 cd	1522 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	Aluminum / White Color			
Light Guide Plate	4mm, PMMA			
Diffuser Plate	Frosted White / Polystyrene			
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 0.35 inch / 603 x 603 x 9 mm			
Weight	7.6 lbs / 3.45 kg (w/Power Supply)			
UL/cUL Listing	E491975			
DLC Product Code	XXX			

30 Watts
Replaces 2-Tube Fluorescent Fixtures up to 98W

45 Watts
Replaces 2-Tube Fluorescent Fixtures up to 130W



OPTIONAL ACCESSORIES *(Sold Separately)*

INCLUDED HARDWARE



3x Twist-on Wire Splicing Connectors

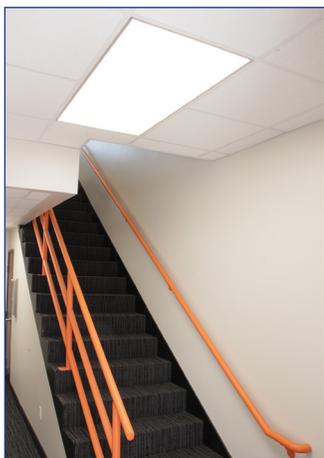
Surface Mounting Aluminum Frames for Ceilings or Walls



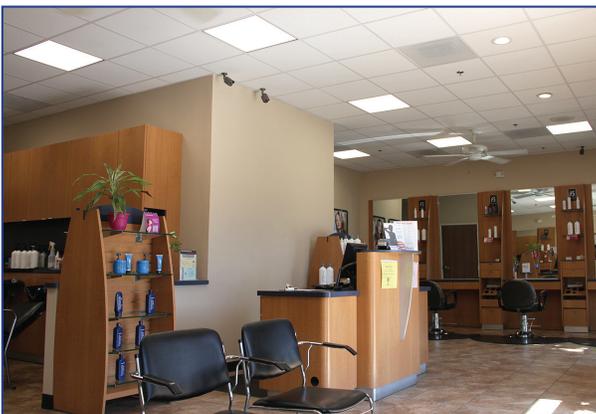
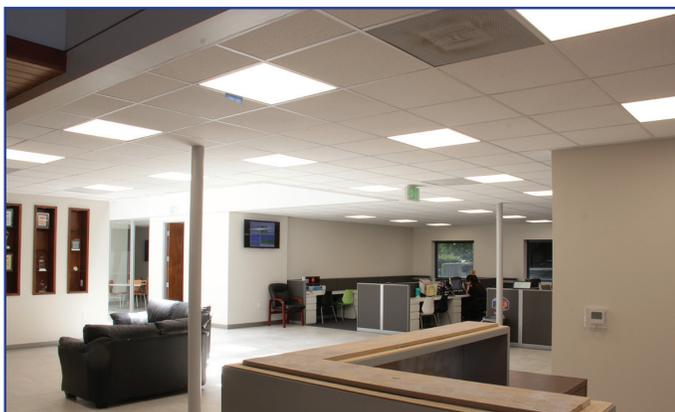
2x2', 1x4', 2x4' Frames:
 23.4 x 23.4 x 2.4 inch [608 x 608 x 62 mm]
 12.0 x 47.9 x 2.4 inch [305 x 1218 x 62 mm]
 23.4 x 47.9 x 2.4 inch [608 x 1218 x 62 mm]

Silver or White Frame:
 CLL2X2BL-SMF-001SIL, CLL2X2BL-SMF-001WHT
 CLL1X4BL-SMF-001SIL, CLL1X4BL-SMF-001WHT
 CLL2X4BL-SMF-001SIL, CLL2X4BL-SMF-001WHT

APPLICATIONS



LEDtronics Thin Panel Dimmable Lights illuminate Medical Offices, Salons, Reception Areas, Hallways and Stairwells



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