

DESCRIPTION

The Continua™ suspended linear provides a fresh modern aesthetic with minimal lines and seamless illumination along the entire row length. Combining the latest LED technology with precision engineered optical control, the Continua provides high quality illumination while maximizing spacing capabilities and delivering up to 147 lumens per watt. A wide range of direct/indirect distributions are available to choose from as well as independent up/down circuiting for ultimate flexibility. Available in 4', 8', 12', and continuous runs, the Continua is well suited for commercial open offices, private offices, conference rooms, corridors, and educational facilities.

SPECIFICATION FEATURES

Construction

Nominal 2.4" x 7" housing constructed from extruded aluminum with die-formed 22 gauge cold rolled steel gear tray. Fixture weight = 4.5 lb/ft.

End Caps

Precision engineered die cast aluminum end caps attach mechanically to the end of the fixture without exposed fastener. End cap adds 2" at each end.

Optics

Acrylic TIR optics on upper and lower LED light engines for optimal light distribution and uniformity. 112.5° peak candela angle.

Shielding

Frosted continuous flexible roll out lens creates seamless illumination along the entire specified row length. Single piece lens available in lengths up to 60 ft.

Electrical

Long-Life LED system coupled with integral electronic drivers to deliver optimal performance. Projected lumen maintenance based on TM21 is L84 > 60,000 hours. LEDs are available in 3000K, 3500K or 4000K with a typical CRI ≥ 83. Standard drivers are 0-10V continuous dimming that work with any 0-10V control/dimmer. See Ordering Information for additional options.

Controls

Go wireless with the Wavelinx "SWPD1" integrated sensor option for code compliance and easy installation or LumaWatt Pro "LWIPD1" option for a fully integrated wireless sensor system with Internet of Things (IoT) connectivity and configurable software. See ordering information and specification supplements for details on these control options.

Mounting

Aircraft cable mounts on 4'-0" 8'-0" and 12'-0" centers and can also be adjusted along the length of the fixture to match existing mounting points. Fixture is balanced to allow for minimal leveling and simple installation. Minimum suspension height from ceiling to top of fixture is 5". Refer to installation instructions for various ceiling interface details. Fixtures can be joined for straight continuous runs.

Finish

Fixture housings are high reflectance white using electrostatically applied polyester powder coat paint. Silver and custom colors are available.

Compliance

Components are UL recognized and luminaires are cULus listed for 25°C ambient environments, damp location listed, and RoHS compliant.

Warranty

Five-year warranty.



CONTINUA - CTA

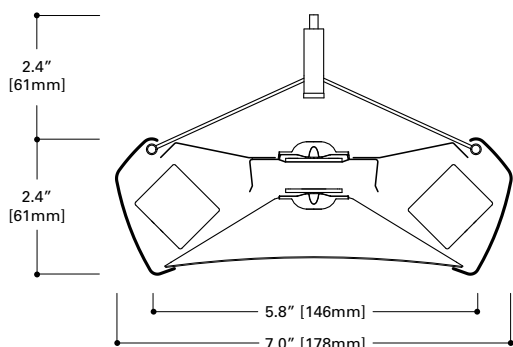
LED

Suspended
Direct/Indirect

CERTIFICATION DATA
cULus – 1598
Damp Location Listed
LM79/LM80 Compliant
ROHS Compliant

LumaWatt Pro

Wireless sensing & control system | **enlighted**



ORDERING INFORMATION

Sample Number: CTA-F-7525-40L835-1D-UNV-STD-SWPD1-W-AC48-UM-36

Series	Shielding	Distribution (%Up / %Down)	Lumen Package (Nominal Lms per 4' section)	Color Temperature	Circuiting	Specialty Wiring ⁽⁵⁾	Input Voltage
CTA = Continua Suspended LED	F = Frosted Continuous Roll Lens	7525 = 75% / 25% 5050 = 50% / 50% 2575 = 25% / 75% 0100 = 0% / 100% ___ = Specify Up/Down Distribution ⁽¹⁾	20L = 2,000 Lms (500 lms/ft) ⁽²⁾⁽³⁾ 30L = 3,000 Lms (750 lms/ft) ⁽³⁾ 40L = 4,000 Lms (1,000 lms/ft) 50L = 5,000 Lms (1,250 lms/ft) 60L = 6,000 Lms (1,500 lms/ft)	830 = 3000K 835 = 3500K 840 = 4000K	1 = Single Circuit 2 = Dual Circuit - (Ind. Up/Down Circuits) ⁽⁴⁾	D = None (Default Dimming) E = Emergency Circuit ⁽⁶⁾ S = Secondary Circuit ⁽⁷⁾	UNV = Universal (120V-277V) 347 = 347V ⁽⁸⁾
Driver/Dimming Options	Integral Sensor (Optional)	Integral Emergency (Optional)	Finish	Suspension/Power Feed	Suspension Length	Ceiling Type	Run Length
STD = Standard 0-10V (1%-100%) 5LT = Fifth Light DALI (5%-100%) ⁽⁹⁾ LH = Lutron HiLume 1% EcoSystems L5 = Lutron 5-Series 5% EcoSystems SR = Sensor Ready (5%-100%) <i>*pg. 4 - driver configurations</i>	SWPD1 = WaveLinx Wireless Integrated Sensor ⁽¹⁰⁾ LWIPD1 = LumaWatt Pro Wireless Integrated Sensor ⁽¹¹⁾	ILB12 = 12-watt, 120V-277V Iota ILB-SL-CP12 ⁽¹²⁾	W = White S = Silver CC = Custom Color	AC = Aircraft cable with straight power cord	<u>Adjustable</u> Cable 48", 120", 240", 300", or 360"	UM = Universal Ceiling ⁽¹³⁾ TS = Slotted T-Bar	4 = 4 ft. 8 = 8 ft. 12 = 12 ft. XX = Specify Row Length ⁽¹⁴⁾

See page 2 for technical notes

TECHNICAL NOTES

1. Not all distributions are available. Consult factory for more details.
2. 20L not available with 7525 distribution in a 4' luminaire.
3. 20L and 30L not available with 2575 distribution in a 4' luminaire.
4. Dual circuit not available with secondary circuit or integrated sensor.
5. Dimming wires come standard and can be capped in the field for standard switched operation. A single power drop supplied as standard.
6. Emergency circuit operates all down-light sections of a unit (4, 8, or 12). Emergency circuit not available with secondary circuit, battery pack, or integrated sensor.
7. Secondary circuit operates all sections of a unit (4, 8, or 12). Secondary circuit not available with dual circuit or integrated sensor.
8. Integral 347V electronic driver with 0-10V option only. Factory supplied remote transformer for all other driver/dimming options.
9. Must be used in conjunction with a DALI control system. For a complete listing of Fifth Light Technology products and other solutions from Cooper Controls, visit www.eaton.com/lightingsystems
10. SW sensor requires the use of the STD 0-10V driver. Designed for use with the WaveLinX Wireless Connected Lighting system. For complete WaveLinX wireless solutions, visit www.eaton.com/wavelinx.
11. LWI sensor requires the use of the SR driver. Must be used in conjunction with a LumaWatt Pro control system. For complete LumaWatt Pro wireless solutions, visit www.eaton.com/lumawattpro.
12. Integral emergency battery pack is 12W maximum, 90 minute output. Battery backup illuminates a 4 ft. down-light section during loss of normal power; 1200 lumens delivered. Test switch/indicator button located on the top side of the luminaire.
13. UM ceiling type accommodates 1" Grid (T1), 9/16" Grid (T9), 4" Octagonal J-Box (JB), and Structure (ST).
14. Standard row configurations over 12' consist of 12' and 8' luminaires but feature one continuous lens for the entire row.

ENERGY AND PERFORMANCE DATA

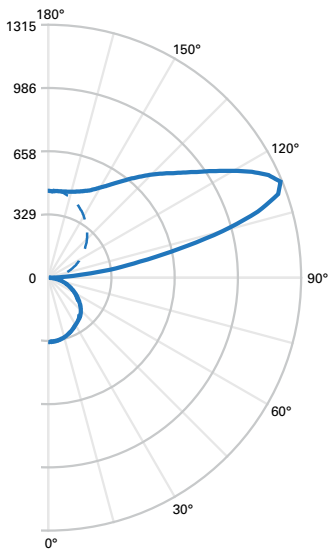
4 ft. – Continua Suspended Performance (3500K)							8 ft.*		12 ft.*	
Series / Distribution	Lumen Package	Total Delivered Lumens	Lumens Up ↑	Lumens Down ↓	Input Wattage	Efficacy (LPW)	Input Wattage	Efficacy (LPW)	Input Wattage	Efficacy (LPW)
CTA 75/25	20L ⁽¹⁾	2300	1656	644	N/A		32.1	143	46.9	147
	30L	3045	2273	772	22.9	133	47.8	127	69.9	131
	40L	3993	2982	1011	29.8	134	57.4	139	83.0	144
	50L	5061	3761	1300	37.6	135	72.3	140	104.4	145
	60L	6053	4525	1528	45.8	132	88.0	138	130.7	139
CTA 50/50	20L	2180	1075	1105	18.7	117	35.8	122	52.0	126
	30L	3019	1527	1492	24.9	121	53.0	114	77.5	117
	40L	3974	1930	2044	32.7	122	64.3	124	92.8	128
	50L	5052	2522	2530	41.5	122	81.7	124	119.3	127
	60L	6090	3058	3032	50.6	120	98.6	124	147.3	124
CTA 25/75	20L ⁽²⁾	2276	683	1593	N/A		38.3	119	56.5	121
	30L ⁽²⁾	3062	827	2235	N/A		54.0	113	78.6	117
	40L	4092	1141	2951	38.0	108	74.0	111	110.4	111
	50L	5030	1308	3722	48.0	105	92.7	108	140.5	107
	60L	6103	1668	4435	59.2	103	118.8	103	177.0	103
CTA 0/100	20L	2058	0	2058	20.8	99	38.8	106	57.7	107
	30L	3055	0	3055	31.8	96	62.6	98	93.9	98
	40L	4016	0	4016	43.7	92	85.9	93	130.8	92
	50L	5358	0	5358	63.1	85	111.9	96	167.9	96
	60L	6039	0	6039	72.8	83	138.3	87	207.4	87

*Delivered lumens for 8ft and 12ft units are multiples of 4ft values. Input wattages per foot vary per unit length.

LUMEN MAINTENANCE

Ambient Temperature	TM-21 Lumen Maintenance (60,000 hours)	Theoretical L70 (Hours)
25°C	>84%	121,000

PHOTOMETRICS



FILE NAME: CTA-F-7525-40L835-UNV-4.IES

LAMP: (LD5) LED 3500K

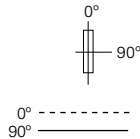
LUMENS: 3993 Lm

WATTS: 29.8 W

EFFICACY: 134 Lm/W

TEST NO.: G2-1709-282-2

75% UP / 25% DOWN



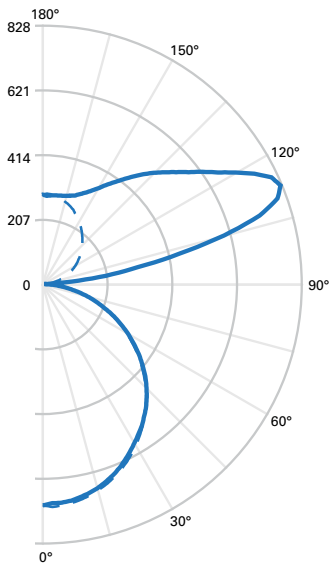
ZONAL LUMENS SUMMARY

Zone	Lumens	% Fixture
0°-30°	261	6.5
0°-90°	1011	25.3
90°-130°	1945	48.7
90°-180°	2983	74.7
0°-180°	3993	100

LUMINANCE DATA (CD/M²)

Vertical Angle	0°	45°	90°
45°	2035	2089	2190
55°	1968	2137	2126
65°	1908	2061	2030
75°	1820	1944	1919
85°	1629	1851	1703

TM-30-15	R _f = 82.3
	R _g = 976
CRI/CIE	R _a = 83.0
	R _g = 13.8



FILE NAME: CTA-F-5050-40L835-UNV-4.IES

LAMP: (LD5) LED 3500K

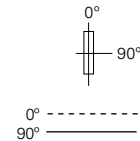
LUMENS: 3974 Lm

WATTS: 32.7 W

EFFICACY: 122 Lm/W

TEST NO.: G2-1709-282-7

49% UP / 51% DOWN



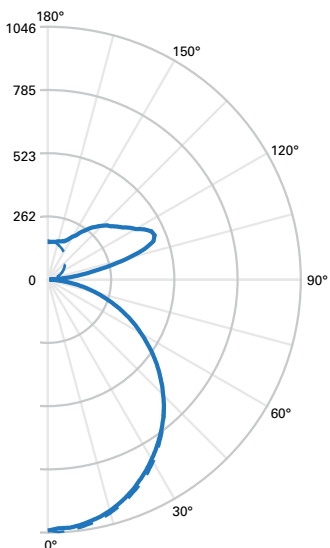
ZONAL LUMENS SUMMARY

Zone	Lumens	% Fixture
0°-30°	550	13.8
0°-90°	2044	51.4
90°-130°	1260	31.7
90°-180°	1931	48.6
0°-180°	3974	100

LUMINANCE DATA (CD/M²)

Vertical Angle	0°	45°	90°
45°	4261	4297	4307
55°	4083	4196	4162
65°	3878	3984	3939
75°	3615	3639	3590
85°	2961	2961	2665

TM-30-15	R _f = 82.3
	R _g = 976
CRI/CIE	R _a = 83.0
	R _g = 13.8



FILE NAME: CTA-F-2575-40L835-UNV-4.IES

LAMP: (LD5) LED 3500K

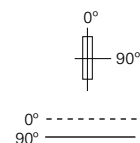
LUMENS: 4092 Lm

WATTS: 37.9 W

EFFICACY: 108 Lm/W

TEST NO.: G2-1709-282-12

28% UP / 72% DOWN



ZONAL LUMENS SUMMARY

Zone	Lumens	% Fixture
0°-30°	801	19.6
0°-90°	2951	72.1
90°-130°	752	18.4
90°-180°	1141	27.9
0°-180°	4092	100

LUMINANCE DATA (CD/M²)

Vertical Angle	0°	45°	90°
45°	6195	6195	6168
55°	5928	5973	5928
65°	5649	5679	5618
75°	5160	5210	5085
85°	4219	4145	3701

TM-30-15	R _f = 82.3
	R _g = 976
CRI/CIE	R _a = 83.0
	R _g = 13.8

DRIVER DATA

Driver Availability Table – ‘STD’ 0-10V, UNV # of Drivers				
Distribution	Lumen Package	4’	8’	12’
75/25	20L	N/A	2	2
	30L	2	2	2
	40L	2	2	2
	50L	2	2	2
	60L	2	2	2
50/50	20L	2	2	2
	30L	2	2	2
	40L	2	2	2
	50L	2	2	2
	60L	2	2	2
25/75	20L	N/A	2	2
	30L	N/A	2	2
	40L	2	2	2
	50L	2	2	3
	60L	2	3	4
0/100	20L	1	1	1
	30L	1	1	1
	40L	1	1	2
	50L	1	2	3
	60L	1	2	3

Driver Availability Table – ‘5LT’ DALI / ‘SR’ # of Drivers				
Distribution	Lumen Package	4’	8’	12’
75/25	20L	N/A	2	2
	30L	2	2	2
	40L	2	2	2
	50L	2	2	2
	60L	2	2	3
50/50	20L	2	2	2
	30L	2	2	2
	40L	2	2	2
	50L	2	2	2
	60L	2	2	3
25/75	20L	N/A	2	2
	30L	N/A	2	2
	40L	2	2	3
	50L	2	2	3
	60L	2	3	4
0/100	20L	1	1	1
	30L	1	1	2
	40L	1	2	3
	50L	1	2	3
	60L	1	2	3

Driver Availability Table – ‘L5’ / ‘LH’ Lutron # of Drivers				
Distribution	Lumen Package	4’	8’	12’
75/25	20L	N/A	N/A	N/A
	30L	N/A	N/A	2
	40L	N/A	2	2
	50L	N/A	2	2
	60L	N/A	2	3
50/50	20L	N/A	N/A	2
	30L	N/A	2	2
	40L	N/A	2	2
	50L	N/A	2	2
	60L	2	2	3
25/75	20L	N/A	N/A	N/A
	30L	N/A	N/A	N/A
	40L	N/A	N/A	3
	50L	N/A	N/A	3
	60L	N/A	3	4
0/100	20L	1	1	1
	30L	1	1	2
	40L	1	2	3
	50L	1	2	3
	60L	1	2	3

Driver Availability Table – ‘STD’ 0-10V, 347V # of Drivers				
Distribution	Lumen Package	4’	8’	12’
75/25	20L	N/A	2	2
	30L	2	2	2
	40L	2	2	2
	50L	2	2	3
	60L	2	2	3
50/50	20L	2	2	2
	30L	2	2	2
	40L	2	2	2
	50L	2	2	3
	60L	2	2	3
25/75	20L	N/A	2	2
	30L	N/A	2	3
	40L	2	2	3
	50L	2	3	4
	60L	2	3	4
0/100	20L	1	1	1
	30L	1	2	3
	40L	1	2	3
	50L	1	2	3
	60L	2	N/A	N/A