Project		Catalog #		Type	
Prepared by		Notes		Date	

Corelite
Continua Wall-CTW

LED
Wall Mounted
Direct / Indirect

Typical Applications
Office • Education • Healthcare • Hospitality • Retail

Interactive Menu

- Order Information page 2
- Product Specifications page 2
- Photometric Data page 3
- Energy and Performance Data page 3
- Standard Row Configurations page 4
- Control Systems page 5
- Product Warranty

Product Certification

UL CERTIFIED SAFETY

Efficiency Standards **T24** California Title 24 Non-Residential Compliant

RoHS COMPLIANT

Product Features

Connected Systems

damp location

powered by fifthlight technology
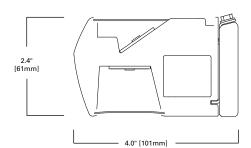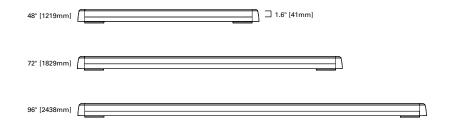
BAA COMPLIANT OPTIONS BUY AMERICAN ACT AVAILABLE

Top Product Features

- Compact scale and seamless illumination with single piece luminous roll lens up to 100 feet
- ADA Compliant for wall mount installation
- High quality illumination while delivering up to 141 lumens per watt
- Wide range of direct/indirect distributions plus independent up/down circuiting
- Available in 4', 6', 8', and Continuous runs
- Options to meet Buy American Act requirements

Dimensions and Fixture Lengths

2.4" [61mm]

4.0" [101mm]

48" [1219mm]   1.6" [41mm]

72" [1829mm]

96" [2438mm]

Order Information

SAMPLE ORDER NUMBER: **CTW-F-7525-40L835-1D-UNV-STD-WAA-BSL6-W-WM-32**

Domestic Preference	Series	Shielding	Distribution (%Up / %Down)	Lumen Package Nominal per 4' section	CRI	Color Temperature	Circuiting	Speciality Wiring	Input Voltage
[Blank]=Standard BAA=Buy American Act	CTW=Continua Wall LED	F=Frosted Continuous Roll Lens	7525=75% / 25% 5050=50% / 50% 2575=25% / 75% 0100=0% / 100% ___=Specify Up/Down Distribution	20L=2,000 Lms (500 lms/ft) 30L=3,000 Lms (750 lms/ft) 40L=4,000 Lms (1,000 lms/ft) 50L=5,000 Lms (1,250 lms/ft)	8=80+CRI 9=90+CRI	30=3000K 35=3500K 40=4000K	1=Single Circuit 2=Dual Circuit-(Ind. Up/Down Circuits)	D=None (Default Dimming) E=Emergency Circuit S=Secondary Circuit	UNV=Universal (120V-277V) 347=347V
Notes Only product configurations with this designated prefix are built to be compliant with the Buy American Act of 1933 (BAA). Please refer to DOMESTIC PREFERENCES website for more information. Components shipped separately may be separately analyzed under domestic preference requirements.		**Notes** Single piece lens supplied up to 100-ft.	**Notes** Not all distributions are available; consult factory for more details.	**Notes** Refer to performance table on Page 4 for more detail. Consult factory for higher lumen levels.		**Notes** Additional lead-time may apply for 930, 935 and 940 configurations.	**Notes** Refers to wiring in cross section. Dual circuit not available with secondary circuit or integrated sensor.	**Notes** Select "D" wiring for individual fixtures. Emergency and Secondary circuit section wiring are configured per unit (4ft, 8ft, or 12ft). Secondary circuit not available with integrated sensor options.	**Notes** Integral 347V driver with STD 0-10V option only.

Driver Dimming Options	Integral Sensor	Integral Emergency Devices	Finish	Mounting	Run Length
STD=Standard 0-10V (1%-100%) SR=Sensor Ready (1%-100%) 5LT=Fifth Light DALI (1%-100%) LH=Lutron HiLume 1% EcoSystems	WAA=WaveLinx Wireless Integrated Sensor WAB=WaveLinx Lite Wireless Integrated Sensor	BSL6=6-watt, 120V-277V Emergency Battery Pack, BSL6LST EPC=LVS Controls EPC UL924 Device	W=White S=Silver B=Black CC=Custom Color	WM=Wall Mount - Junction Box	4=4 ft 6=6 ft 8=8 ft XX=Specify Row Length
Notes Not all driver options are available for every configuration. See Driver Availability tables on Page 6 for more details.	**Notes** WAA and WAB sensor must be used with "STD" driver. Integrated Sensor with Emergency circuit "E" requires the EPC option. SWPD1 has been renamed to WAA, but remains the same sensor.	**Notes** EPC option used to bypass local control during outage. Must be used in conjunction with UL 1008 device (provided by others).			**Notes** See 'Standard Row Configurations' table on Page 3 for continuous row length breakdowns.

Product Specifications

Construction
- Single-piece extruded aluminum housing
- 2.4" x 4" profile
- Die-formed 20 gauge cold rolled steel gear tray
- Driver accessible from above

End Caps
- Die cast aluminum end caps allow for expansion of lens to eliminate light leak
- Attach mechanically to the end of the fixture without exposed fasteners
- End cap adds 2" at each end

Lengths
- Available in 4 ft, 6 ft, and 8ft sections
- Modular design eliminates the need for starter, intermediate, and end of run sections
- See table on page 4 for continuous row length breakdowns

Finish
- Electrostatically applied polyester powder coat paint
- White, Silver, or Black finish offered as standard
- RAL custom colors are available

Mounting
- Fixture mounts directly to structure over a 2 x 4 inch standard electrical box mounted horizontally into the wall
- Wall bracket design allows fixture to hang while wiring connections are made
- Power feed location located on left side of each unit

- All sections are continuously wired with push-in connectors for fast installation
- Fixtures can be joined for straight continuous runs using rigid alignment feature

Shielding / Optics
- Frosted continuous flexible roll lens creates seamless illumination along entire row length
- Single piece roll lens up to 100 ft
- Dust cover present in all configurations to soften beam edge and provide easy wipe-down maintenance

LED and Light Engine
- LED's are available in 3000K, 3500K, 4000K
- CRI options of either ≥80CRI or ≥90CRI
- Lumen output will be affected - please refer to the lumen adjustment factor tables
- TM21 life at 60,000 hours up to L84 and calculated L70 exceeds 121,000 hrs
- Drivers available in 120-277V and 347V

Integrated Controls
- 0-10V dimming to 1% standard
- WaveLinx sensor compatible for IoT capability
- DALI 2.0 and Lutron dimming available
- WaveLinx Lite compatible for out-of-the-box functionality

Emergency Options
- Emergency circuit option operates entire downlight portion of a specified unit (4 ft, 6 ft, or 8 ft)

- Optional 6-watt 120-277V emergency battery illuminates a 4 ft. down-light section
- 90-minute backup period for code compliance
- Test switch/indicator button located on the bottom side of the luminaire
- For approximate delivered lumens multiply the lumens per watt of the desired fixture by the wattage of the emergency battery pack (100 lm/W x 6 = 600 lumens)
- Battery is self-testing
- UL 924 emergency/generator transfer options available

Weight
- 2.5 lbs. per foot

Compliance
- cULus listed for damp locations
- RoHS compliant
- ADA compliant for wall mount installation
- Tested to IESNA LM-79 and LM-80
- Stated life per TM21 standards
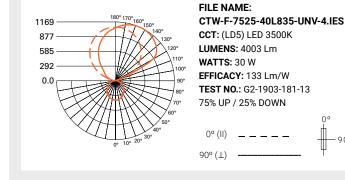- Can be used for State of California Title 24 high efficacy luminaire

Warranty
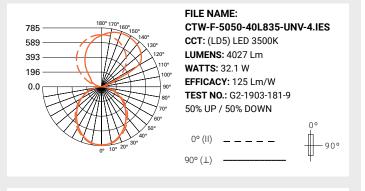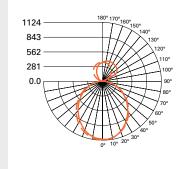- Five year warranty standard www.cooperlighting.com/legal

Photometric Data

FILE NAME:
CTW-F-7525-40L835-UNV-4.IES
CCT: (LD5) LED 3500K
LUMENS: 4003 Lm
WATTS: 30 W
EFFICACY: 133 Lm/W
TEST NO.: G2-1903-181-13
75% UP / 25% DOWN

FILE NAME:
CTW-F-5050-40L835-UNV-4.IES
CCT: (LD5) LED 3500K
LUMENS: 4027 Lm
WATTS: 32.1 W
EFFICACY: 125 Lm/W
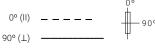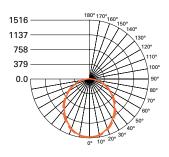**TEST NO.:** G2-1903-181-9
50% UP / 50% DOWN

FILE NAME:
CTW-F-2575-40L835-UNV-4.IES
CCT: (LD5) LED 3500K
LUMENS: 3993 Lm
WATTS: 34.8 W
EFFICACY: 115 Lm/W
TEST NO.: G2-1903-181-5
25% UP / 75% DOWN

FILE NAME:
CTW-F-0100-40L835-UNV-4.IES
CCT: (LD5) LED 3500K
LUMENS: 4062 Lm
WATTS: 37.2 W
EFFICACY: 109 Lm/W
TEST NO.: G2-1903-181-17
0% UP / 100% DOWN

Note: Refer to IES files for more product data.

Energy and Performance Data

Series/ Distribution	Lumen Package	Delivered Lumens						Wattage		Efficacy LPW	Wattage		Efficacy LPW	Wattage		Efficacy LPW
		4FT	↑ 4FT	↓ 4FT	Per FT	↑ Per FT	↓ Per FT	4FT	Per FT		6FT	Per FT		8FT	Per FT	
4 ft. - Continua Wall Performance (3500K)											**6 ft.***			**8 ft.***		
CTW 75/25	20L	2075.7	1539	536.7	519	385	134	17	4.2	124	23	3.9	134	30	3.7	139
	30L	2988.2	2263	725.5	747	566	181	23	5.7	130	32	5.4	139	43	5.3	141
	40L	4003.3	2977	1026	1001	744	257	30	7.5	133	43	7.2	138	58	7.2	138
	50L	4999.5	3666	1334	1250	917	333	38	9.4	133	55	9.2	136	74	9.2	136
CTW 50/50	20L	2048	1011	1037	512	253	259	17	4.3	120	24	4.0	128	31	3.9	132
	30L	3032	1482	1550	758	371	388	24	6.1	125	33	5.6	136	44	5.5	139
	40L	4027	1945	2082	1007	486	520	32	8.0	125	46	7.7	130	62	7.7	130
	50L	5022	2408	2614	1255	602	653	40	10.0	126	59	9.8	129	79	9.8	128
CTW 25/75	20L	1978	501	1477	495	125	369	18	4.5	110	25	4.2	118	33	4.1	121
	30L	2992	747	2245	748	187	561	26	6.6	114	38	6.3	119	50	6.3	119
	40L	3993	1010	2983	998	253	746	35	8.7	115	51	8.6	117	69	8.6	117
	50L	5094	1120	3974	1274	280	994	44	11.0	116	66	11.0	116	85	10.7	120
CTW 0/100	20L	1991	0	1991	498	0	498	18	4.5	112	26	4.3	116	34	4.3	116
	30L	3007	0	3007	752	0	752	27	6.8	110	41	6.8	110	55	6.9	110
	40L	4062	0	4062	1016	0	1016	37	9.3	109	57	9.5	107	74	9.2	111
	50L	4967	0	4967	1242	0	1242	47	11.8	105	70	11.6	107	93	11.7	106

*All units sizes have identical per foot delivered lumen values. Input wattages per foot vary per unit length.

Lumen Adjustment Factors

CCT	80 CRI	90 CRI
3000K	0.964	0.830
3500K	1.000	0.861
4000K	1.015	0.883

Example Calculation:

7525 / 40L / 3500K / 80 CRI
Lumen Output selected = 1001 lms/ft

3500K / 90 CRI Desired
Lumen Adjustment Factor = 0.861

Adjusted Lumen Output = 1001 lms/ft x 0.861 = 862 lms/ft

Lumen Maintenance

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

Color Data (3500K)

		80CRI	90CRI
TM-30-15	R_f	82.3	90.8
	R_g	97.6	99.5
CRI/CIE	R_a	83.0	95.7
	R_9	13.0	65.9

Standard Row Configurations

Fixture Length	4'	6'	8'	10'	12'	14'	16'	18'	20'	22'	24'	26'	28'	30'	32'	34'	36'	38'	40'	42'	44'	46'	48'	50'
4'	1			1	1			1	1			1	1			1	1			1	1			1
6'		1		1		1		1		1		1		1		1		1		1		1		1
8'			1		1	1	2	1	2	2	3	2	3	3	4	3	4	4	5	4	5	5	6	5

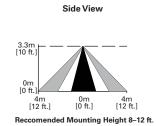| Fixture Length	52'	54'	56'	58'	60'	62'	64'	66'	68'	70'	72'	74'	76'	78'	80'	82'	84'	86'	88'	90'	92'	94'	96'	98'	100'
4'	1			1	1			1	1			1	1			1	1			1	1			1	1
6'		1		1		1		1		1		1		1		1		1		1		1		1	
8'	6	6	7	6	7	7	8	7	8	8	9	8	9	9	10	9	10	10	11	10	11	11	12	11	12

Companion Offering

Continua Suspended

Control Systems

- WaveLinx Wireless
- WaveLinx Wired
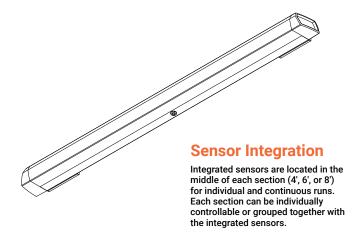- WaveLinx Lite
- Enlighted
- iLumin Plus
- VividTune

Connected Systems CLICK HERE

The Continua with Integrated Sensor technology provides automatic energy savings without sacrificing performance. The Continua delivers superior lighting with integrated occupancy and daylighting controls. For standalone and controlled applications, the WaveLinx Lite integral sensor provides out-of-the-box functionality with no gateways required and factory startup is not needed. When more connectivity is required, the WaveLinx Wireless sensor meets modern code and utility requirements, delivers energy and cost savings, while enabling buildings to become smart buildings. The WaveLinx Wireless Connected Lighting System combined with Trellix provides an open IoT platform and infrastructure that connects intelligent sensors leveraging the real-estate of the physical light fixture to solve higher complexity problems to deliver actionable insights through the aggregation of valuable data.

For additional information integrated sensors and connected lighting, please visit Cooper Lighting Solutions' Connected Lighting Website.

Top View

Coverage

4m [12 ft.]

0m [0 ft.]

4m [12 ft.] Major Motion

Side View

3.3m [10 ft.]

0m [0 ft.]

4m [12 ft.]   0m [0 ft.]   4m [12 ft.]

Reccomended Mounting Height 8–12 ft.

Sensor Integration

Integrated sensors are located in the middle of each section (4', 6', or 8') for individual and continuous runs. Each section can be individually controllable or grouped together with the integrated sensors.

Systems comparison chart

Cooper Lighting Solutions provides many lighting system solutions designed to satisfy code requirements and meet the unique needs of any project.

	Standalone	Controlled WaveLinx Lite	Connected WaveLinx Wireless	Enterprise Trellix
Occupancy	Yes	Yes	Yes	Yes
Daylighting	Yes	Yes	Yes	Yes
Gateways	–	–	1 WAC	300 WACs
Devices	–	50 per Area (1400 per site)	150 per WAC	45,000 per Core Enterprise
Software	–	WaveLinx Lite Mobile App	WaveLinx Mobile App	Trellix Core
Areas	–	28 per Site	16 per WAC	up to 4,800
Zones	–	16 per Area	16 per Area	up to 76,800
Scheduling	–	–	Local	Global
VividTune™	–	–	Yes	Yes
Plug-Load Control	–	–	Yes	Yes
Integration	–	–	–	BACnet, API
Dashboards	–	–	–	Energy, Occupancy
Configuration	–	Installer	Technician	Technician / IT

SCALABILITY

devices → areas → floors → buildings

COOPER Lighting Solutions

Driver Availability

Driver Availability – 'STD' 0-10V, UNV Quantity of Drivers

Distribution	Lumen Package	4'	6'	8'
75/25	20L	2	2	2
	30L	2	2	2
	40L	2	2	2
	50L	2	2	2
50/50	20L	2	2	2
	30L	2	2	2
	40L	2	2	2
	50L	2	2	2
25/75	20L	2	2	2
	30L	2	2	2
	40L	2	2	2
	50L	2	2	2
0/100	20L	1	1	1
	30L	1	1	1
	40L	1	1	1
	50L	1	1	1

Driver Availability – '5LT' DALI / 'SR' Quantity of Drivers

Distribution	Lumen Package	4'	6'	8'
75/25	20L	2	2	2
	30L	2	2	2
	40L	2	2	2
	50L	2	2	2
50/50	20L	2	2	2
	30L	2	2	2
	40L	2	2	2
	50L	2	2	2
25/75	20L	N/A	2	2
	30L	2	2	2
	40L	2	2	2
	50L	2	2	2
0/100	20L	1	1	1
	30L	1	1	1
	40L	1	1	1
	50L	1	1	2

Driver Availability – 'LH' Lutron Quantity of Drivers

Distribution	Lumen Package	4'	6'	8'
75/25	20L	N/A	N/A	N/A
	30L	N/A	N/A	N/A
	40L	N/A	N/A	2
	50L	N/A	N/A	2
50/50	20L	N/A	N/A	N/A
	30L	N/A	N/A	2
	40L	N/A	2	2
	50L	N/A	2	2
25/75	20L	N/A	N/A	N/A
	30L	N/A	N/A	N/A
	40L	N/A	N/A	N/A
	50L	N/A	N/A	N/A
0/100	20L	N/A	1	1
	30L	1	1	1
	40L	1	1	1
	50L	1	1	2

Driver Availability – 'STD' 0-10V, 347V Quantity of Drivers

Distribution	Lumen Package	4'	6'	8'
75/25	20L	2	2	2
	30L	2	2	2
	40L	2	2	2
	50L	2	2	2
50/50	20L	2	2	2
	30L	2	2	2
	40L	2	2	2
	50L	2	2	2
25/75	20L	N/A	2	2
	30L	2	2	2
	40L	2	2	2
	50L	2	2	3
0/100	20L	1	1	1
	30L	1	1	1
	40L	1	1	2
	50L	1	N/A	2

COOPER Lighting Solutions