Project		**Catalog #**		**Type**	
Prepared by		**Notes**		**Date**	

Corelite

Continua - CTA

LED
Suspended
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 4
- Control Systems page 5
- Product Warranty

Product Certification

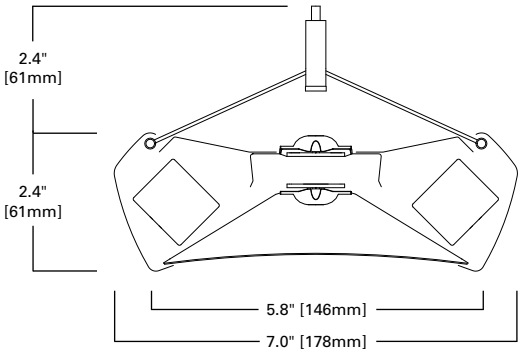
Product Features

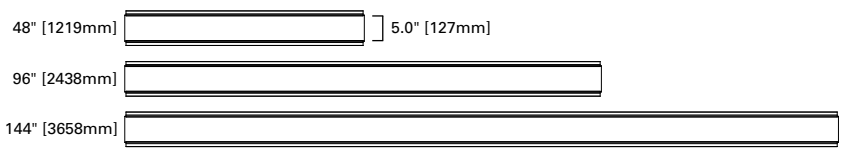
Connected Systems · damp location · powered by fifthlight technology · BAA Buy American Act Available

Top Product Features

- Low-profile design and seamless illumination with single-piece luminous roll lens
- Wide range of direct/indirect distributions plus independent up/down circuiting
- Controlled batwing distribution for maximizing on-center spacing
- Available in 4', 8', 12', and Continuous runs.
- Up to 147 lumens per watt
- Options to meet Buy American Act requirements

Dimensions and Fixture Lengths





Order Information

SAMPLE ORDER NUMBER: CTA-F-7525-40L835-1D-UNV-STD-WAA-W-AC48-UM-36

Domestic Preference	Series	Shielding	Distribution (%Up / %Down)	Lumen Package Nominal Lms per 4' section	CRI	Color Temperature	Circuiting	Speciality Wiring	Input Voltage
[Blank]=Standard **BAA**=Buy American Act	**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	**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) **60L**=6,000 Lms (1,500 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. 20L not available with 7525 distribution in a 4' luminaire. 20L and 30L not available with 2575 distribution in a 4' luminaire.	**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. Factory supplied 347V remote transformer for all other driver options.

Driver Dimming Options	Integral Sensor	Integral Emergency Devices	Finish	Suspension/ Power Feed	Suspension Length	Ceiling Type	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	**B06**= 6W Emergency Battery w/self-test **B10**= 10W Emergency Battery w/self-test **EPC**=UL924 Bypass Relay	**W**=White **S**=Silver **B**=Black= **CC**=Custom Color	**AC**=Aircraft cable with straight power cord	**Adjustable Cable**=48", 120", 240", 300", or 360"	**T1**=15/16" T-Bar **T9**=9/16" T-Bar **TS**=Slotted T-Bar **JB**=Junction Box / Structure **UM**=Universal Ceiling Kit (T1, T9, JB) __**S**=Swivel at Canopy (__ = T1, T9, TS or JB)	**4**=4 ft **8**=8 ft **12**=12 ft **XX**=Specify Row Length
Notes Additional driver configuration information on Page 6.	**Notes** WAA and WAB sensor must be used with "STD" driver. Integrated Sensors combined with Emergency Circuit require one UL924 Bypass Relay per emergency fixture. SWPD1 has been renamed to WAA, but remains the same sensor.			**Notes** UM ceiling type accommodates 1" Grid (T1), 9/16" Grid (T9), 4" Octagonal J-Box (JB), and Structure (ST). White mounting hardware standard; for black mounting hardware, add "-B" after ceiling type.			**Notes** Standard row configurations over 12' consist of 8' and 12' luminaires.

Product Specifications

Construction

- Single-piece extruded aluminum housing
- 2.4" x 7" profile
- Die-formed 22 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, 8 ft, and 12ft sections
- Modular design eliminates the need for starter, intermediate, and end of run sections
- Standard row configurations over 12-ft consist of 8-ft and 12-ft luminaires unless otherwise specified.

Finish

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

Mounting

- Aircraft cable mounts on 4'-0", 8'-0" and 12'-0" on centers
- Minimum suspension height from ceiling to top of fixture is 5"
- Fixture is balanced to allow for minimal leveling
- 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

- Frosted continuous flexible roll lens creates seamless illumination along entire row length
- Single piece roll lens up to 100 ft

Optics

- Precision engineered acrylic TIR optics on upper and lower LED light engines for optimal light distribution and uniformity
- 112.5˚ peak candela angle

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, 8 ft, or 12 ft)
- Optional 120V-277V integral emergency battery pack is 12W maximum, 90 minute output, and 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
- UL 924 emergency/generator transfer options available
- The combination of integrated sensor and emergency circuit options require an EPC UL924 bypass relay that disables sensor control of emergency fixtures when normal power is lost

Weight

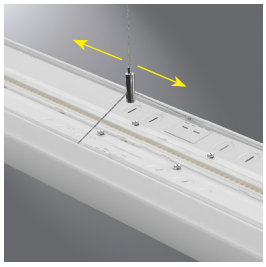
- 4.5 lbs. per foot

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
- DesignLights Consortium™ Qualified and classified for DLC Standard and DLC Premium, refer to www.designlights.org for details.

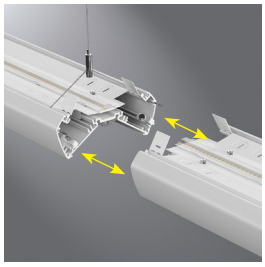
Warranty

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



Variable Mounting Points

Navigate existing ceiling obstructions with variable mounting locations that slide continuously along the length of the fixture. Ideal for retrofit applications.

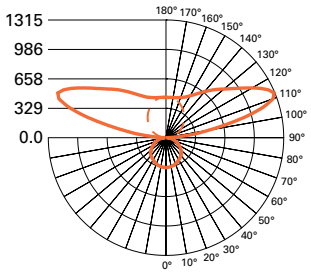


Rigid Joining

Thoughtfully designed joining features ensure that long continuous runs will not bow or snake. Alignment pins and cast joiners at every joint create rigid and tight connections between fixtures.

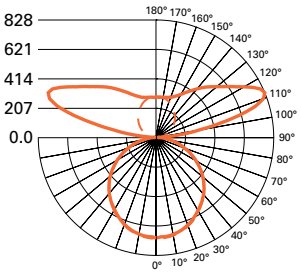
Photometric Data

View IES files



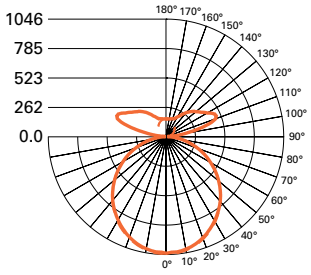
FILE NAME:
CTA-F-7525-40L835-UNV-4.IES
CCT: (LD5) LED 3500K
LUMENS: 3993 Lm
WATTS: 29.8 W
EFFICACY: 134 Lm/W
TEST NO.: G2-1709-282-2
75% UP / 25% DOWN

0° (II) – – – – –
90° (⊥) ———————



FILE NAME:
CTA-F-5050-40L835-UNV-4.IES
CCT: (LD5) LED 3500K
LUMENS: 3974 Lm
WATTS: 32.7 W
EFFICACY: 122 Lm/W
TEST NO.: G2-1709-282-7
49% UP / 51% DOWN

0° (II) – – – – –
90° (⊥) ———————



FILE NAME:
CTA-F-2575-40L835-UNV-4.IES
CCT: (LD5) LED 3500K
LUMENS: 4092 Lm
WATTS: 37.9 W
EFFICACY: 108 Lm/W
TEST NO.: G2-1709-282-12
28% UP / 72% DOWN

0° (II) – – – – –
90° (⊥) ———————

Note: Refer to IES files for more product data.

Energy and Performance Data

4 ft. - Continua Suspended Performance (3500K)									8 ft.*			12 ft.*		
Series/ Distribution	Lumen Package	Delivered Lumens				Wattage		Efficacy LPW	Wattage		Efficacy LPW	Wattage		Efficacy LPW
		4FT	Per FT	Per FT	Per FT	4FT	Per FT		8FT	Per FT		12FT	Per FT	
CTA 75/25	20L	2300	575	414	161	N/A			32	4.0	143	47	3.9	147
	30L	3045	761	568	193	23	5.7	133	48	6.0	127	70	5.8	131
	40L	3993	998	746	253	30	7.5	134	57	7.2	139	83	6.9	144
	50L	5061	1265	940	325	38	9.4	135	72	9.0	140	104	8.7	145
	60L	6053	1513	1131	382	46	11.5	132	88	11.0	138	131	10.9	139
CTA 50/50	20L	2180	545	269	276	19	4.7	117	36	4.5	122	52	4.3	126
	30L	3019	755	382	373	25	6.2	121	53	6.6	114	77	6.5	117
	40L	3974	994	483	511	33	8.2	122	64	8.0	124	93	7.7	128
	50L	5052	1263	631	633	42	10.4	122	82	10.2	124	119	9.9	127
	60L	6090	1523	765	758	51	12.7	120	99	12.3	124	147	12.3	124
CTA 25/75	20L	2276	569	171	398	N/A			38	4.8	119	57	4.7	121
	30L	3062	765	207	559	N/A			54	6.8	113	79	6.5	117
	40L	4092	1023	285	738	38	9.5	108	74	9.2	111	110	9.2	111
	50L	5030	1258	327	931	48	12.0	105	93	11.6	108	141	11.7	107
	60L	6103	1526	417	1109	59	14.8	103	119	14.8	103	177	14.7	103
CTA 0/100	20L	2058	515	0	515	21	5.2	99	39	4.8	106	58	4.8	107
	30L	3055	764	0	764	32	8.0	96	63	7.8	98	94	7.8	98
	40L	4016	1004	0	1004	44	10.9	92	86	10.7	93	131	10.9	92
	50L	5358	1340	0	1340	63	15.8	85	112	14.0	96	168	14.0	96
	60L	6039	1510	0	1510	73	18.2	83	138	17.3	87	207	17.3	87

*Delivered lumens for 8ft and 12ft units are multiples of 4ft 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 = 998 lms/ft

3500K / 90 CRI Desired
Lumen Adjustment Factor = 0.861

Adjusted Lumen Output = 998 lms/ft x 0.861 = 859 lms/ft

Lumen Maintenance

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

Color Data (3500K)

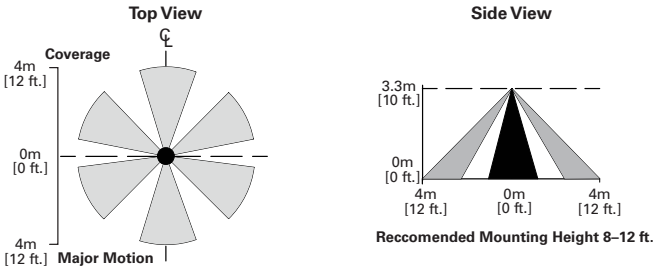
		80CRI
TM-30-15	R_f	82.3
	R_g	97.6
CRI/CIE	R_a	83.0
	R_9	13.8

Control Systems

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

WaveLinx Digital Lighting Control Solutions

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.



Sensor Integration

Integrated sensors are located in the middle of each 8' and 12' section and on the end of 4' sections for individual and continuous runs. Minor field adjustments of the sensor location are possible along the length of the fixture. 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.

Luminaire with standalone sensor

Standalone Spaces WaveLinx LITE

Standalone Spaces WaveLinx CAT

Networked Spaces WaveLinx PRO

Enterprise WaveLinx CORE

Occupancy	Yes	Yes	Yes	Yes	Yes
Daylighting	Yes	Yes	Yes	Yes	Yes
Wallstations	–	Yes	Yes	Yes	Yes
Gateways	–	–	–	1 WAC	300 WACs
Devices (MAX)	–	40 per Area (1120 per space)	40 per Area	200 per WAC2	32,500 per CORE Enterprise
Software	–	WaveLinx LITE Mobile App	WaveLinx CAT Mobile App	WaveLinx Mobile App	CORE
Areas	–	28 per Space	Unlimited	50 per WAC2	up to 3,000
Zones	–	16 per Area	16 per Area	16 per Area	up to 9,000
Scheduling	–	–	–	Local	Global
VividTune™	–	–	–	Yes	Yes
Plug-Load Control	–	Yes	Yes	Yes	Yes
Low-Voltage Power	–	–	Yes	Yes	Yes
Integration	–	–	–	–	BACnet, API
Dashboards	–	–	–	–	Energy, Occupancy
Configuration	–	Installer	Installer	Technician	Technician / IT

SCALABILITY

devices → areas → floors → buildings

WaveLinx expands from a single standalone device up to Enterprise with 32,500 devices

**Note: WaveLinx LITE devices can be upgraded to WaveLinx PRO via an OTA firmware update. The OTA and system configuration can only be performed by Cooper Lighting Solutions specialists. WaveLinx Area Controller(s) would also need to be added to complete the solution.*

Driver Availability

Driver Availability – 'STD' 0-10V, UNV # of Drivers				
Distribution	**Lumen Package**	**4'**	**6'**	**8'**
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 – '5LT' DALI / 'SR' # of Drivers				
Distribution	**Lumen Package**	**4'**	**6'**	**8'**
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 – 'LH' Lutron # of Drivers				
Distribution	**Lumen Package**	**4'**	**6'**	**8'**
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 – 'STD' 0-10V, 347V # of Drivers				
Distribution	**Lumen Package**	**4'**	**6'**	**8'**
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

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Specifications and dimensions
subject to change without notice.