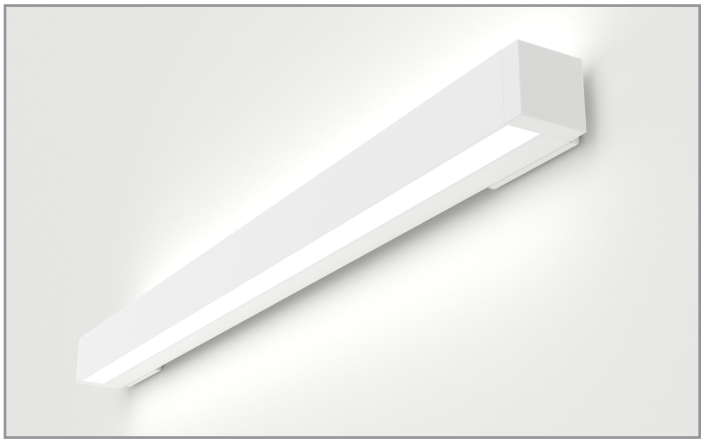
Project		**Catalog #**		**Type**	
Prepared by		**Notes**		**Date**	



Corelite
Continua SQ4 Wall

LED
Wall Mounted
Direct, Direct/Indirect

Typical Applications
Office • Education • Healthcare • Hospitality • Retail

Interactive Menu

- Order Information page 2
- Product Specifications page 3
- Photometric Data page 4
- Energy and Performance Data page 5
- Standard Row Configurations page 6
- Control Systems page 3
- Product Warranty

Product Certification

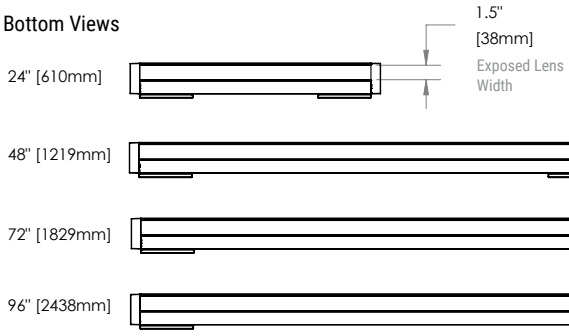
Product Features

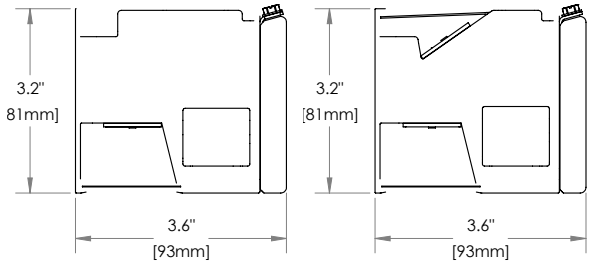
Top Product Features

- 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 138 lumens per watt
- Wide range of direct/indirect distributions plus independent up/down circuiting
- Available in 2', 4', 6', 8', and Continuous runs
- Options to meet Build America, Buy America, Buy American and other domestic preference requirements

Dimensions and Fixture Lengths

Bottom Views





Note: End caps add 1" at each end.

Order Information

SAMPLE ORDER NUMBER: **SQW-F-050U/075U-835-1D-UNV-STD-WLS-B06-W-WM-16**

Domestic Preference	Series	Shielding	Lumen Package Up (Lms/ft)	Lumen Package Down (Lms/ft)	CRI/CCT	Circuiting (In Cross Section)	Specialty Wiring	Voltage
[Blank]=Standard **BAA**=Buy American Act **BABA**=Build America Buy America Act	**SQW**=SQ Linear Wall Mount Direct/ Indirect	**F**=Frosted Continuous Roll Lens	**0U**=0 Lumens Up (Direct Only) **025U**=250 Lumens Up **050U**=500 Lumens Up **075U**=750 Lumens Up **100U**=1000 Lumens Up **___U**=Specify	**025D**=250 Lumens Down **050D**=500 Lumens Down **075D**=750 Lumens Down **100D**=1000 Lumens Down **125D**=1250 Lumens Down **___D**=Specify	**830**=LED 3000K, 80 CRI **835**=LED 3500K, 80 CRI **840**=LED 4000K, 80 CRI **930**=LED 3000K, 90 CRI **935**=LED 3500K, 90 CRI **940**=LED 4000K, 90 CRI **93050**=White Tune 3000K-5000K **92765**=White Tune 2700K-6500K	**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 (1) Only product configurations with these prefixes are built to be compliant with the Buy American Act of 1933 (BAA) or the Build America Buy America Act (BABA). BABA is the minimum Government compliance requirement for the Build America Buy America standards which is part of the Infrastructure and Investment Jobs Act (IIJA). Individual Government Agencies may have more stringent compliance standards. Please refer to DOMESTIC PREFERENCES website or consult the CLS Domestic Preferences team for more information. Components shipped separately may be separately analyzed under domestic preference requirements.		**Notes** Single piece lens supplied up to 100-ft.	**Notes** Custom lumen output available. Up (Indirect): Min = 170 Lms/ft Max = 1800 Lms/ft Consult factory to specify custom lumen package. Not all lumen packages are available for every configuration. See Driver Availability tables for more details.	**Notes** Custom lumen output available. Down (Direct): Min = 135 Lms/ft Max = 2000 Lms/ft Consult factory to specify custom lumen package. Not all lumen packages are available for every configuration. See Driver Availability tables for more details.	**Notes** White Tuning is 90CRI standard. Tunable White options to be used with W2A driver only. Must be used with two (2) 10V dimming control channels, 1 color, 1 intensity. Not compatible with other control or sensor options.	**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 (2ft, 4ft, 6ft, or 8ft). Emergency circuit powers downlight portion only Emergency circuit not available with secondary circuit or integrated sensor. Secondary circuit not available with integrated sensor.	**Notes** Integral 347V driver with STD 0-10V option only.

Driver / Dimming	Control Options	Integral Emergency Device Options	Finish	Mounting	Run Length
STD=Standard 0-10V (1%-100%) **5LT**=Fifth Light DALI (5%-100%) **LH**=Lutron HiLume 1% EcoSystems **W2A**=White Tuning, 2 ch, 0-10V Intensity and CCT Control	**[Blank]** = No Sensor **WLS** = WaveLinx LITE Wireless Sensor, Occupancy w/ photocell, Independent & Networked (1) **WPS** = WaveLinx PRO Wireless Sensor, Occupancy w/ photocell, Networked (2) **WLST** = WaveLinx LITE Tilemount Sensor, Occupancy w/ photocell, Independent & Networked **WPST** = WaveLinx PRO Tilemount Sensor, Occupancy w/ photocell, Networked	**B06 =** 6W Emergency Battery Pack (120V-277V) w/Self-Test select. **EPC**=LVS Controls EPC UL924 Device **WEM** = WaveLinx enabled UL924	**W**=White **S**=Silver **B**=Black **CC**=Custom Color	**WM**=Wall Mount - Junction Box	**2**=2 ft **4**=4 ft **4FF**=4 ft factory finished **6**=6 ft **6FF**=6 ft factory finished **8**=8 ft **8FF**=8 ft factory finished **XX**=Specify Row Length
Notes Not all driver options are available for every configuration. See Driver Availability tables for more details.	**Notes** WaveLinx sensors available with STD driver and W2A drivers. Standard configurations available with single circuit and operate intensity/brightness only. For W2A driver, CCT adjustment controlled elsewhere--consult factory for alternatives. Integrated sensor options available in individual fixtures and runs up to 16ft. Tile-mount required for sensor options with runs over 16ft. All WaveLinx sensor options come with Normal Power Sensing Beacons. Integrated sensor options must be used in conjunction with the associated system and may not be compatible with other options or accessories. Please refer to the following: (1) WaveLinx LITE devices are not currently compatible with the WaveLinx Wireless Area Controller. (2) Consult WaveLinx PRO system pages for additional details and compatibility. Consult WaveLinx LITE system pages for additional details and compatibility. All WaveLinx sensor options come with Normal Power Sensing Beacons. WaveLinx combined with emergency circuit requires the WaveLinx with UL924 bypass control (WEM) Emergency option. Reference WaveLinx page for additional details.	**Notes** Battery powers 4ft section downlight only during loss of power Battery not available with Sensor in 4ft unit size. Battery is not available in 2ft fixture unit size. EPC option used to bypass local control during outage. Must be used in conjunction with UL 1008 device (provided by others). WaveLinx with UL924 bypass control (WEM) available with STD and WaveLinx Wireless Controls devices only. Reference WaveLinx page for additional details.	**Notes** CC = must denote RAL color number		**Notes** See 'Standard Row Configurations' table on Page 3 for continuous row length breakdowns. 2ft not available with integrated sensors or emergency. Factory Finished (FF) available only on individual luminaires. Includes end caps, lens, power harness, and mounting hardware installed at the factory. FF luminaires available by request. *

*Note: Options listed as "available by request" require review and may impact pricing and leadtime.

Product Specifications

Construction
- Single-piece extruded aluminum housing
- 3.2" x 3.2" profile with 1/2" wall mounting bracket.
- Die-formed 20 gauge cold rolled steel LED tray
- Driver accessible from above
- Factory Finished (FF) available only on individual luminaires. Includes end caps, lens, power harness, and mounting hardware installed at the factory.

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 1" at each end

Serviceability
- Field replaceable driver for ease of maintenance over the life of the luminaire.
- Field replaceable modular LED tray for ease of installation over the life of the luminaire.

Lengths
- Available in 2 ft, 4 ft, 6 ft, and 8ft sections
- Modular design eliminates the need for starter, intermediate, and end of run sections
- See table on page 5 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
- Uplight dust cover present in all configurations to soften beam edge and provide easy wipe-down maintenance
- Standard asymmetric uplight improves ceiling illumination in wall mounting

LED and Light Engine
- LEDs 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 universal 120-277V and 347V
- White Tuning options available with Cooper Lighting's VividTune

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 integral 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

WaveLinx with Emergency Circuit
- WaveLinx combined with emergency circuit require WaveLinx with UL924 bypass control (WEM) Emergency option.
- For UL924 compliance, WaveLinx with UL924 bypass control (WEM) luminaires or sections must be installed in the same application space as Normal Power Sensing beaconing WaveLinx devices.
- All WaveLinx sensor options come with Normal Power Sensing Beacons.
- UL924 Bypass Relay Devices (T) are not required when WaveLinx with UL924 bypass control (WEM) and WaveLinx devices with Normal Power Sensing beacons are installed in the same application space.
- WaveLinx with UL924 bypass control (WEM) available with WaveLinx Wireless Controls options as part of a WaveLinx control system.
- Reference WaveLinx section for additional details

Weight
- <3 lbs. per foot

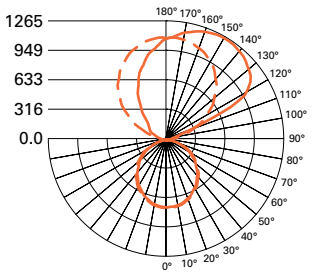
Compliance
- cULus listed for damp locations
- RoHS compliant
- ADA compliant for wall mount installation
- Tested to IESNA LM-79 and LM-80
- Stated life per TM21 standards
- Can be used for State of California Title 24 high efficacy luminaire

BABA Domestic Preference Compliance
- FHWA and FTA agencies are utilizing their BAA rules for BABA compliance. Cooper's products with a BAA designation are manufactured in the US and meet the BABA defined cost of components rule. To verify a configured product with specific accessories and options meet BABA Domestic Preference Requirements; submit this catalog number to Cooper Lighting Quotation team for validation by our Engineering and Manufacturing teams. Domestic preference options to meet BAA, TAA or BABA requirements. BABA is the minimum Government compliance requirement for the Build America Buy America standards which is part of the Infrastructure and Investment Jobs Act (IIJA). Individual Government Agencies may have more stringent compliance standards. Please refer to the DOMESTIC PREFERENCES website or consult the CLS Domestic Preferences team for more information. Components shipped separately may be separately analyze under domestic preference requirements.

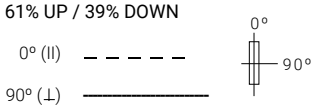
Warranty
- Five year limited warranty standard www.cooperlighting.com/legal

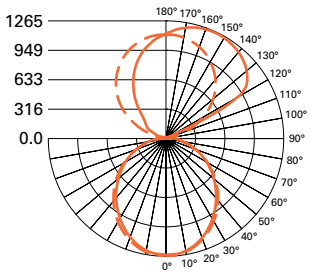
Photometric Data

View IES files

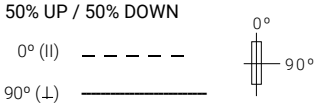


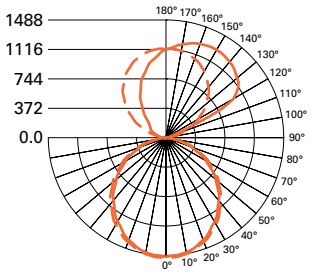
FILE NAME:
SQW-F-075U-050D-835-1D-UNV-STD-W-4.IES
CCT/CRI: 3500K / 80CRI
LUMENS: 5077 Lm
WATTS: 37.8 W
EFFICACY: 134.3 Lm/W
TEST NO.: P511786
61% UP / 39% DOWN



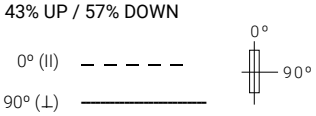


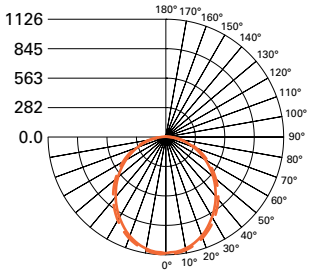
FILE NAME:
SQW-F-075U-075D-835-1D-UNV-STD-W-4.IES
CCT/CRI: 3500K / 80CRI
LUMENS: 6134 Lm
WATTS: 47.8 W
EFFICACY: 128.3 Lm/W
TEST NO.: P511792
50% UP / 50% DOWN



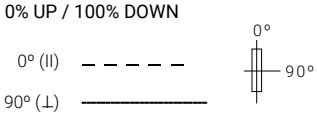


FILE NAME:
SQW-F-075U-100D-835-1D-UNV-STD-W-4.IES
CCT/CRI: 3500K / 80CRI
LUMENS: 7116 Lm
WATTS: 57.2 W
EFFICACY: 124.4 Lm/W
TEST NO.: P511798
43% UP / 57% DOWN





FILE NAME:
SQW-F-0U-075D-835-1D-UNV-STD-W-4.IES
CCT/CRI: 3500K / 80CRI
LUMENS: 3043 Lm
WATTS: 27.3 W
EFFICACY: 111.5 Lm/W
TEST NO.: P511822
0% UP / 100% DOWN



Note: Refer to IES files for more product data.

Energy and Performance Data

SQW Performance (80CRI, 3500K)(1)

Lumen Package	Lumens/ft Up	Lumens/ft Down	Lumens/ft Total	W/ft Total	Lm/W	Distribution (up%/down%)
0U-025D	0	253	253	2.2	113	0%/100%
0U-050D	0	497	497	4.3	115	0%/100%
0U-075D	0	761	761	6.8	111	0%/100%
0U-100D	0	1006	1006	9.2	110	0%/100%
0U-125D	0	1243	1243	11.7	106	0%/100%
025U-025D	252	253	506	4.1	124	50%/50%
025U-050D	252	497	749	6.1	122	34%/66%
025U-075D	252	761	1013	8.7	117	25%/75%
025U-100D	252	1006	1259	11.0	115	20%/80%
025U-125D	252	1243	1495	13.6	110	17%/83%
050U-025D	507	253	760	5.8	131	67%/33%
050U-050D	507	497	1004	7.9	128	51%/49%
050U-075D	507	761	1268	10.4	122	40%/60%
050U-100D	507	1006	1513	12.7	119	34%/66%
050U-125D	507	1243	1750	15.3	114	29%/71%
075U-025D	761	253	1014	7.4	138	75%/25%
075U-050D	761	497	1258	9.4	133	61%/39%
075U-075D	761	761	1522	12.0	127	50%/50%
075U-100D	761	1006	1768	14.3	124	43%/57%
075U-125D	761	1243	2004	16.9	119	38%/62%
100U-025D	977	253	1230	9.0	137	79%/21%
100U-050D	977	497	1474	11.0	134	66%/34%
100U-075D	977	761	1738	13.5	128	56%/44%
100U-100D	977	1006	1984	15.9	125	49%/51%
100U-125D	977	1243	2220	18.4	120	44%/56%

Lumen Adjustment Factors

CCT Multiplier	80 CRI	90 CRI
3000K	0.942	0.795
3500K	1.000	0.843
4000K	0.986	0.881

Example Calculation:
<u>025U-075D / 3500K / 80 CRI</u>
Lumen Output selected = 1013 lms/ft

<u>3500K / 90 CRI Desired</u>
Lumen Adjustment Factor = .795

Adjusted Lumen Output = 1013 lms/ft x .795 = 805 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

Note:

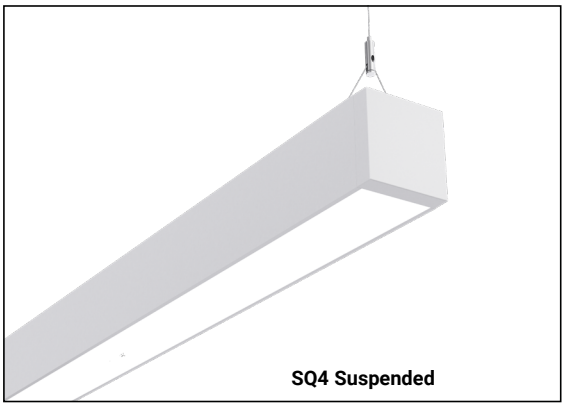
(1) For technical data of other configurations please see photometric section on website or click link at top-right.

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



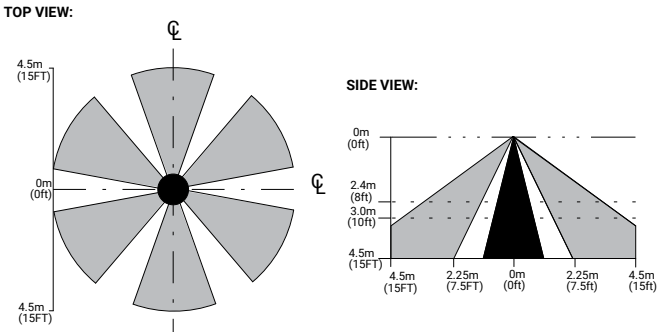
SQ4 Suspended

Control Solutions

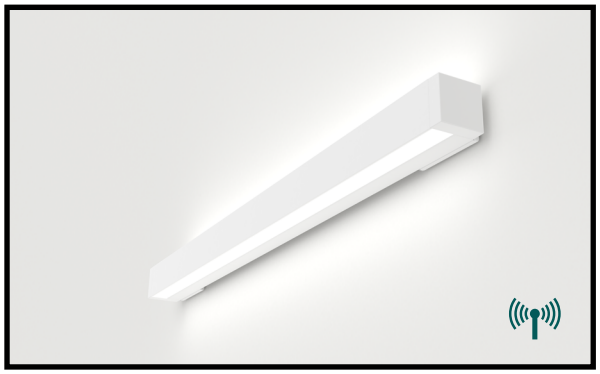
- WaveLinx LITE wireless
- WaveLinx PRO wireless
- WaveLinx CAT wired
- WaveLinx Wired

WaveLinx Digital Lighting Control Solutions

Integrated Sensor Coverage Pattern



***Note**: Installation of integrated sensors within 3-ft (1m) of HVAC air vents is not recommended. The pattern shown is intended solely as a general guide and is not to scale.*



WaveLinx by Cooper Lighting Solutions is a wired and wireless solution for a single room, a parking lot, or an entire campus, helping meet energy codes, reduce energy use, and create healthier environments. As a true hybrid architecture, it enables the seamless integration of DALI, CAT, and PRO technologies and luminaires for unmatched reliability and flexibility, with sensor-enabled luminaires that can also share data with the WaveLinx CORE platform, further improving operations across office, education, healthcare, warehouse, and parking garage applications.

WaveLinx LITE is a Bluetooth wireless digital lighting control solution with out-of-the-box functionality that saves energy and meets energy codes. It's designed for applications that require occupancy-based, daylighting, or manual light control using WaveLinx LITE-enabled luminaires and a mobile app for cost-effective projects.

WaveLinx PRO is a Zigbee wireless solution that offers a rich portfolio of devices, WaveLinx PRO-enabled luminaires, and a mobile app and the WAC (WaveLinx Area Controller). It offers advanced energy savings and deep data integration to improve the occupant experience.

WaveLinx CAT is a scalable CAT5-wired solution for a single room and connected spaces, supporting applications that require occupancy-based, daylighting, or manual light control, with self-commissioning to meet energy codes and maximize energy savings.

WaveLinx DALI is a powerful two-wire DALI-2 solution for connected spaces, combining open-standard devices enabling interoperability with the simplicity of WaveLinx app-based commissioning. It delivers deterministic wired control, granular addressability, and tunable white.

Integrated Controls Options

Option	Out of the Box Functionality	Luminaire Level Lighting Control (LLLC)	Automatic Dimming Photocell	Occupancy Sensing	CCT Control*
WLS (WaveLinx LITE Sensor)	X	X	X	X	
WPS (WaveLinx PRO Sensor)		X	X	X	X

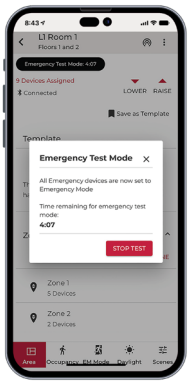
Note: *WaveLinx utilizes scenes to allow users to change an area's fixtures Correlated Color Temperature (CCT) and intensity using a commissioned wireless wallstation scene controller. To enable CCT adjustments through WaveLinx, include WPS or WPN devices in addition to VividTune or BioUp technologies for integrated fixture control. WPS with CCT controls the intensity of the fixture; an additional, externally mounted control device is needed to control the CCT. See RSP-P-010-347

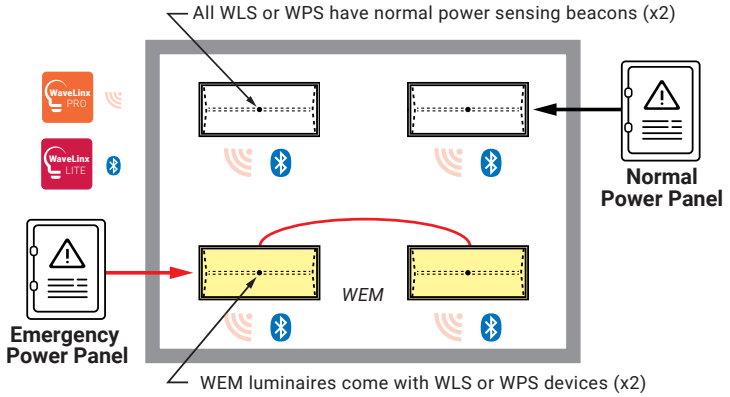
WaveLinx Emergency (WEM) solution must be ordered with WLS or WPS sensors. WEM must be associated with a group that includes a normal power sensing (NPS) device to receive NPS beacon. All WLS or WPS sensors have normal power sensing beacons when part of a WaveLinx control system. Learn more about WaveLinx EM here.

WaveLinx EM

The WaveLinx Emergency (WEM) solution offered by WaveLinx wireless (PRO and LITE) makes it easy to design your UL924 certified emergency lighting solution. Fixture-integrated WaveLinx Emergency Modules (WEM) override lighting controls and increases light output to emergency level (100%) until normal power is restored. Needs programming. WaveLinx emergency systems are designed to meet UL 924 standards.
Learn more here.







Driver Availability

	'STD' 0-10V, UNV Qty of Drivers				'SLT' DALI / 'SR' Qty of Drivers				'LH' Lutron Qty of Drivers				'STD' 0-10V, 347V Qty of Drivers				'W2A' 2Ch WT 0-10V, UNV Qty of Drivers			
Lumen Package	**2'**	**4'**	**6'**	**8'**	**2'**	**4'**	**6'**	**8'**	**2'**	**4'**	**6'**	**8'**	**2'**	**4'**	**6'**	**8'**	**2'**	**4'**	**6'**	**8'**
0U-025D	N/A	1	1	1	N/A	1	1	1	N/A	1	1	1	N/A	1	1	1	N/A	1	1	1
0U-050D	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	N/A	1	1	1
0U-075D	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
0U-100D	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2
0U-125D	1	1	1	2	1	1	1	2	1	1	1	2	1	1	1	2	1	1	2	2
025U-025D	N/A	2	2	2	N/A	2	2	2	N/A	N/A	2	2	N/A	2	2	2	N/A	N/A	2	2
025U-050D	N/A	2	2	2	N/A	2	2	2	N/A	N/A	2	2	N/A	2	2	2	N/A	N/A	2	2
025U-075D	N/A	2	2	2	N/A	2	2	2	N/A	N/A	2	2	N/A	2	2	2	N/A	N/A	2	2
025U-100D	N/A	2	2	2	N/A	2	2	2	N/A	N/A	2	2	N/A	2	2	2	N/A	N/A	3	3
025U-125D	N/A	2	2	3	N/A	2	2	3	N/A	N/A	2	3	N/A	2	2	3	N/A	N/A	3	3
050U-025D	N/A	2	2	2	N/A	2	2	2	N/A	2	2	2	N/A	2	2	2	N/A	2	2	2
050U-050D	2	2	2	2	2	2	2	2	N/A	2	2	2	2	2	2	2	N/A	2	2	2
050U-075D	2	2	2	2	2	2	2	2	N/A	2	2	2	2	2	2	2	N/A	2	2	2
050U-100D	2	2	2	2	2	2	2	2	N/A	2	2	2	2	2	2	2	N/A	2	3	3
050U-125D	2	2	2	3	2	2	2	3	N/A	2	2	3	2	2	2	3	N/A	2	3	3
075U-025D	N/A	2	2	2	N/A	2	2	2	N/A	2	2	2	N/A	2	2	2	N/A	2	2	2
075U-050D	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	N/A	2	2	2
075U-075D	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	N/A	2	2	2
075U-100D	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	N/A	2	3	3
075U-125D	2	2	2	3	2	2	2	3	2	2	2	3	2	2	2	3	N/A	2	3	3
100U-025D	N/A	2	2	2	N/A	2	2	2	N/A	2	2	2	N/A	2	2	2	N/A	2	2	3
100U-050D	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	N/A	2	2	3
100U-075D	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	3
100U-100D	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	3	4
100U-125D	2	2	2	3	2	2	2	3	2	2	2	3	2	2	2	3	2	2	3	4

© 2026 Cooper Lighting Solutions
All Rights Reserved.

Specifications and dimensions subject to change without notice.