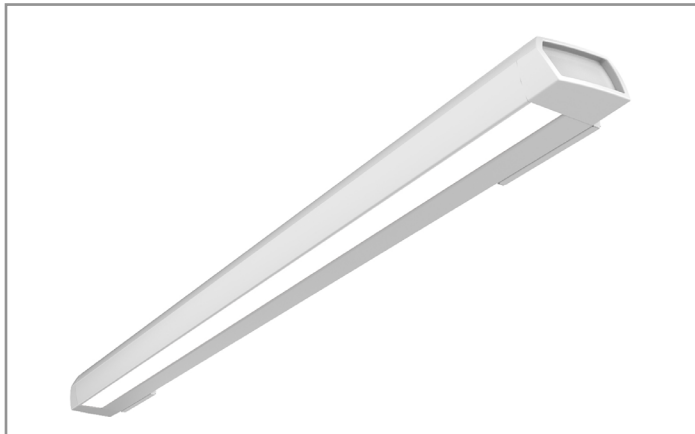


| | | | | | |
|-------------|--|-----------|--|------|--|
| Project | | Catalog # | | Type | |
| Prepared by | | Notes | | Date | |



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

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

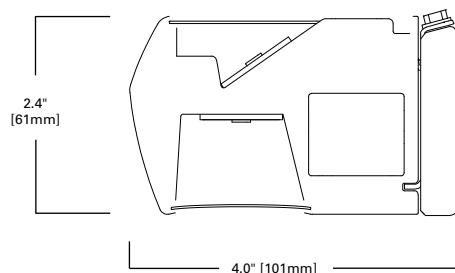
Product Certification

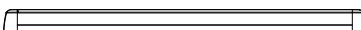


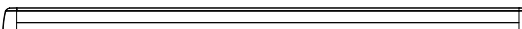
Product Features



Dimensions and Fixture Lengths



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 lms per 4' section | CRI | Color Temperature | Circuiting | Specialty 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%) SLT =Fifth Light DALI (5%-100%) LH =Lutron HiLume 1% EcoSystems L5 =Lutron 5-Series 5% EcoSystems | WAA =WaveLinX Wireless Integrated Sensor WAB =WaveLinX Lite Wireless Integrated Sensor LWIPD1 =Enlighted Wireless Integrated Sensor | BSL6 =6-watt, 120V-277V Emergency Battery Pack, BSL6LST EPC =LV5 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. LWI sensor must be used with "SR" sensor ready 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
- Enlighted 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

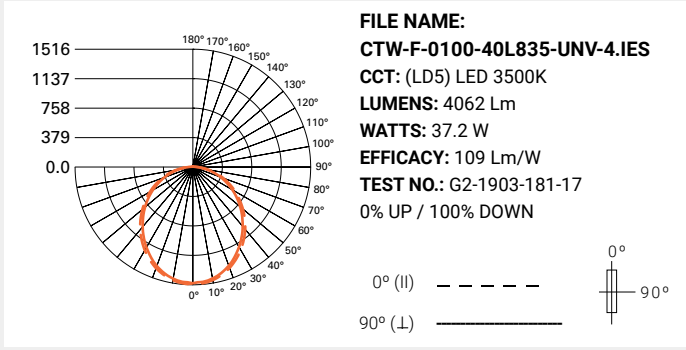
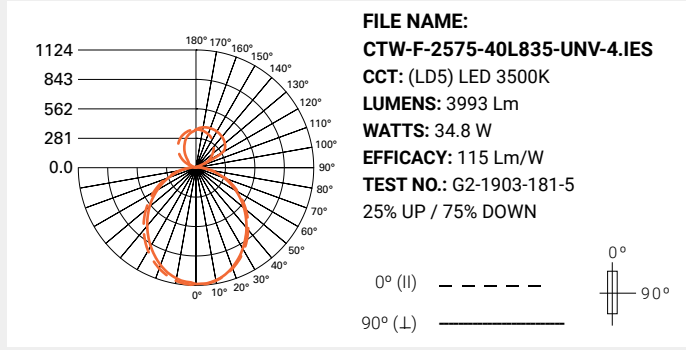
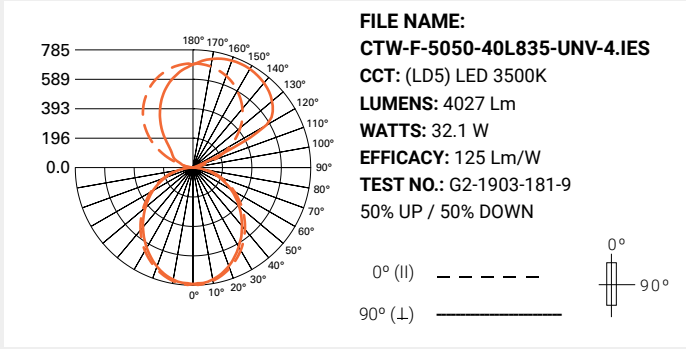
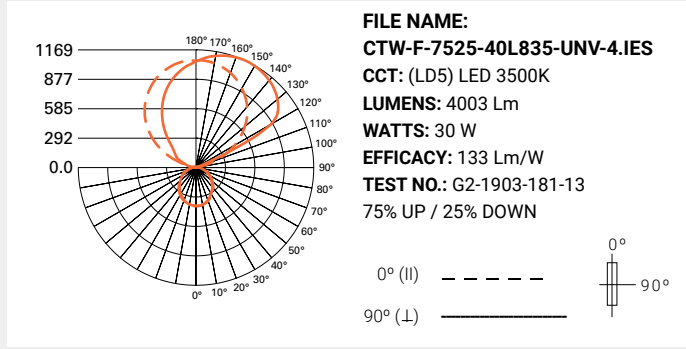
- cULus listed for damp locations
- RoHS compliant
- ADA compliant for wall mount installation
- Tested to IESNA LM-79 and LM-80
- Stated life per TM21 standards
- Can be used for State of California Title 24 high efficacy luminaire

Warranty

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

Photometric Data

View IES files



Note: Refer to IES files for more product data.

Energy and Performance Data

| 4 ft. - Continua Wall Performance (3500K) | | | | | | | | | | | 6 ft.* | | | 8 ft.* | | |
|---|------------------|------------------|-------|-------|--------|----------|----------|---------|--------|-----------------|---------|--------|-----------------|---------|--------|-----------------|
| 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 | |
| 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)

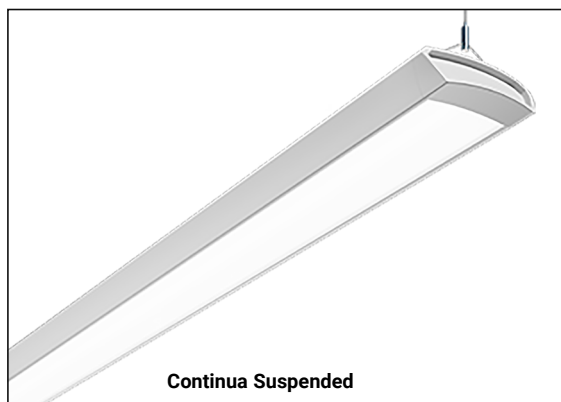
| | | 80CRI | 90CRI |
|----------|----------------|-------|-------|
| TM-30-15 | R _f | 82.3 | 90.8 |
| | R _g | 97.6 | 99.5 |
| CRI/CIE | R _a | 83.0 | 95.7 |
| | R _g | 13.0 | 65.9 |

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



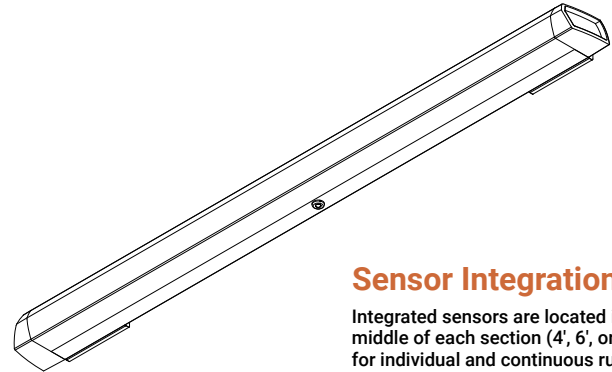
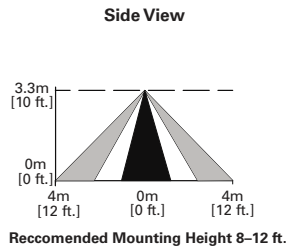
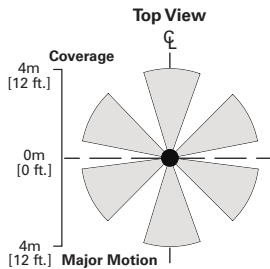
Control Systems

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



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 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



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 – 'L5' / '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 |