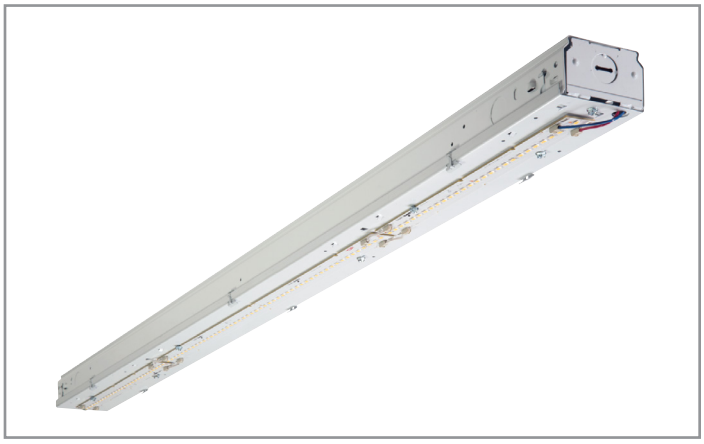
| | | | | | |
|---|---|---|---|---|---|
| **Project** | | **Catalog #** | | **Type** | |
| **Prepared by** | | **Notes** | | **Date** | |



# Metalux

## SNLED Base

LED Striplight

### Typical Applications

Commercial • Industrial • Retail • Residential • Storage / Utility • Coves • Display Cases • Shops • Task and General Area Lighting

### Interactive Menu


- Order Information page 2
- Photometric Data page 3
- Connected Systems page 3
- Product Warranty

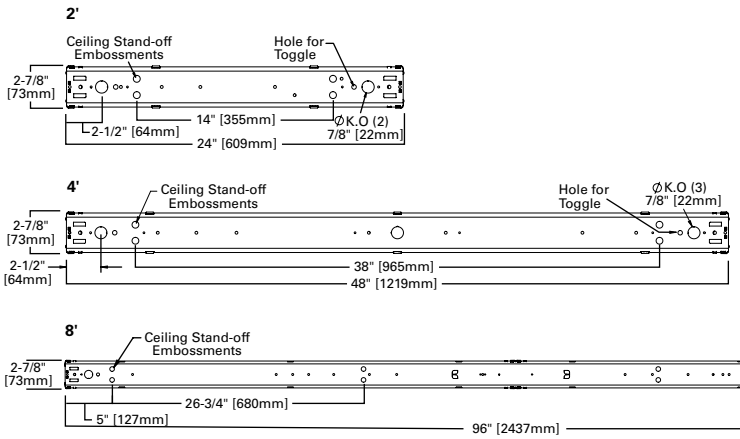

### Product Certification

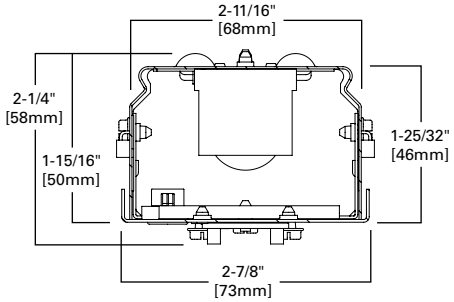
### Product Features

### Top Product Features

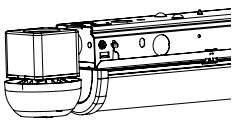
- Standard (SL) and High lumen/High Efficacy (HL) packages
- High efficiencies - up to 153 LPW
- Three different lens types for optical control
- Two different reflectors for precise distribution control
- Available CCT: 3000K, 3500K, 4000K and 5000K
- Minimum CRI of 80; 90 CRI available
- Options to meet Trade Agreements Act requirements

### Dimensional Details




**ZW-SWPD3 Sidecar**



## Order Information

SAMPLE ORDER NUMBER: **4SNLED-LD5-48SL-UNV-L840-U**

| Domestic Preferences | Length | Series | Lamp Type | Lumen Package | Voltage | Options and Color Temp / CRI |
|---|---|---|---|---|---|---|
| **[Blank]**=Standard<br>**TAA**=Trade Agreements Act | **2**=2' Length<br>**4**=4' Length<br>**8T**=8' Length | **SNLED**=<br>Commercial<br>LED Striplight [2] | **LD5**=LED 5.0 | **Stocked Lumen Packages**<br>**24SL** [3]<br>**28SL** [3]<br>**32SL**<br>**48SL**<br>**80SL**<br>**88SL**<br><br>**MTO Lumen Packages**<br>**20SL** [3]<br>**36SL**<br>**37HL**<br>**40SL**<br>**44SL**<br>**52SL**<br>**56SL**<br>**56HL**<br>**60SL**<br>**60HL**<br>**64SL**<br>**64HL**<br>**68SL**<br>**72SL**<br>**85HL**<br>**96SL**<br>**104SL**<br>**112SL** [5]<br>**130HL** [5]<br>**170HL** [4] | **UNV**=Universal Voltage 120-277<br>**347V**=347V<br>**480V**=480V [6] | **Emergency**<br>**EL7W**=7-watt, 120V-277V emergency battery pack installed [7], [9]<br>**EL14W**=14-watt 120V-277V emergency battery pack installed [7], [9]<br>**GTR2**=Bodine Generator Transfer Relay [10]<br>**ETRD**=Iota Emergency Transfer Relay with dimming control [10]<br><br>**Wiring**<br>**PI/CPI**=Plug in and cross over plug in options [12]<br>**PC6/515P**=(NEMA 5-15P) 6' Cord with NEMA Straight Plug [11], [12]<br>**PC6/L715**=(NEMA L7-15P) 6' Cord with NEMA Twist Plug [11], [12]<br><br>**Motion Sensors** [13]<br>**LB-ERMS360**=360˚ Low Bay Motion Sensor - End of Row, 8' Mounting<br>**LB-MRMS360**=360˚ Low Bay Motion Sensor - Middle of Row 8' Mounting<br>**HB-ERMS360**=360˚ High Bay Motion Sensor - End of Row, 15'-40' Mounting [8]<br>**HB-MRMS360**=360˚ High Bay Motion Sensor - Middle of Row, 15'-40' Mounting [8]<br><br>**CCT / CRI (Orders must call out color temp / CRI)**<br>**L830**=3000K, 80 CRI<br>**L835**=3500K, 80 CRI<br>**L840**=4000K, 80 CRI<br>**L850**=5000K, 80 CRI<br><br>**L930**=3000K, 90 CRI<br>**L935**=3500K, 90 CRI<br>**L940**=4000K, 90 CRI<br>**L950**=5000K, 90 CRI<br><br>**WLS (formerly WAB)**=WaveLinx LITE Wireless Sensor, Occupancy w/ photocell, Independent & Networked [B]<br><br>**WPS (formerly WAA)**=WaveLinx PRO Wireless Sensor, Occupancy w/ photocell, Networked [A]<br><br>**WLS4**=WaveLinx LITE, Dimming Motion and Daylight, Bluetooth Programmable, 15' - 40' Mounting [14], [15], [B]<br><br>**WPS4**=WaveLinx PRO, Dimming Motion and Daylight, WAC Programmable, 15' - 40' Mounting [A] |
| **Notes**<br>(1) Only product configurations with this designated prefix are built to be compliant with the Trade Agreements Act of 1979 (TAA). Please refer to DOMESTIC PREFERENCES website for more information. Components shipped separately may be separately analyzed under domestic preference requirements. | | **Notes**<br>(2) DesignLights Consortium® Qualified and classified for both DLC Standard and DLC Premium, refer to www.designlights.org for details. | | **Notes**<br>(3) Available in 2 ft. and 4 ft. (4) Requires two drivers. (5) DALI and Step-dim versions require two drivers. | **Notes**<br>(6) 4 ft. and 8 ft. only. | **Notes**<br>(7) 4 ft. and 8 ft. only. (8) Motion Sensor offers dimmability. (9) With integral test switch/ indicator/laser test. 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 7=700 lumens). IES-format photometry for luminaire under emergency operation available. (10) Used to bypass local control during outage. Must be used in conjunction with UL 1008 device (provided by others). GTR2 option includes 2 relays on fixtures with dimming drivers. ETRD option only requires one relay when used on a dimming fixture. Must specify voltage as 120V or 277V when ordering these devices. (11) Most common C&P shown. Must specify location for cord. All "end" locations will be on the end with sensor installed. (12) Consult tech support on numerous options for this feature. (13) Sensors provided in separate externally mounted enclosure. See SRL spec sheet for fully integrated/connected sensors. (14) WLSx provided in separate enclosure. (15) Not available in Mid-Row Configuration.<br>Integrated 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: (A) Consult WaveLinx system pages for additional details and compatibility. (B) Consult WaveLinx Lite system pages for additional details and compatibility. |

| Driver Type | Number of Drivers | Packaging | Accessories |
|---|---|---|---|
| **CD**=0-10V Dimming Driver (10% - 100% Dimming)<br>**HCD**=0-10V Dimming Driver (1% - 100% Dimming)<br>**SD**=Step-dim (Bi Level) [16]<br>**5LTD**=Fifth Light (DALI) Driver [16], [17] | **1**=1 Driver<br>**2**=2 Drivers | **U**=Unit Pack | (Order Separately)<br>**AYC-Chain/Set=**36" Chain Hanger<br>(Use 1 set per fixture)<br>**SCF**=Fixed Stem Set (Specify Length)<br>**SCS**=Swivel Stem Set (Specify Length)<br>**SCA**=Adjustable 48" Stem Set<br>**EYE-CHAIN/SET-B**=Eye Bolt Chain (Use 1 set per fixture)<br>**WG-SNX/SN-2FT-B-PK**=2ft Wire Guard<br>**WG-SNX/SN-4FT-B**=4ft Wire Guard<br>**A1B/Spacer-U**=Spacer 1-1/2" to 2-1/2" from ceiling (Use 2 per fixture)<br>**TOGGLE**=Single Toggle No. 2 (Specify Length)<br>**Y-TOGGLE-__-2PK**=(2) Y-Toggle Cable Kits (Specify 10 or 30 for length in feet)<br>**SNLED-LENS-LW-2FT-U**=Replacement Lens 2 ft, Full Frost<br>**SNLED-LENS-LN-2FT-U**=Replacement Lens 2 ft, Semi Frost<br>**SNLED-LENS-LC-2FT-U**=Replacement Lens 2 ft, Clear<br>**SNLED-LENS-LW-4FT-U**=Replacement Lens 4 ft, Full Frost<br>**SNLED-LENS-LN-4FT-U**=Replacement Lens 4 ft, Semi Frost<br>**SNLED-LENS-LC-4FT-U**=Replacement Lens 4 ft, Clear<br>**GRP-SNF-U**=Gripper Hanger<br>**CLC-SNLED-EXT-B**=SNLED Long Row Aligner Extension |
| **Notes**<br>(16) 4 ft. and 8 ft. only. (17) For a complete listing of Fifth Light products, visit www.cooperlighting.com | | | **Notes**<br>(18) Accessories sold separately will be separately analyzed under domestic preference requirements. Consult factory for further information. |

## Product Specifications

### Construction
- Die-formed of cold rolled steel with numerous knockouts for easy installation
- Groove for Tong Hanger
- Convertible end plate for continuous row alignment
- Channel/wireway cover secured with sheet metal screws
- Surface, pendant or stem mounting

### Controls
- Standard with 0-10V dimming driver (10% standard, 1% optional)
- Combine with energy-saving products like occupancy sensors, daylighting controls and lighting relay panels to maximize energy savings
- For motion control, reference options for both end and middle of the row applications
- DALI 2.0 and step-dimming available
- Integrated WaveLinx sensor options provide wireless individual fixture control and enable code compliance, increased energy savings, grouping of fixtures, and connection to WaveLinx control systems

**WaveLinx LITE devices are not currently compatible with the WaveLinx PRO Wireless Area Controller**

### Electrical
- Long-life LED system with electrical driver for optimal performance
- LED's available in 3000K, 3500K, 4000K or 5000K with CRI of 80 standard or optional 90 CRI
- TM21 rating up to L87 >60,000 hours
- Electronic drivers available for 120-277V, 347V and 480 applications
- Operating temperature of -20°C up to 50°C (reference Ambient temperature chart)

### Emergency Battery Pack Option
- Optional 120V-277V integral emergency battery pack available in 7W or 14W
- 90-minute backup period for code compliance
- Generator transfer options available

### Compliance
- cULus Listed for damp locations
- Complies with IESNA LM-79 and LM-80 standards
- NEMA 410 compliant (drivers)
- State of California Title 24 high efficacy luminaire
- DesignLights Consortium® Qualified and classified for DLC Standard and DLC Premium (refer to www.designlights.org)
- Suitable for closet use when installed to NEC 410.16 spacings standards

### Warranty
- Five year limited warranty

## Control Solutions

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

WaveLinx Digital Lighting Control Solutions

**CCT Table**

| Approximate Color Temperature Multiplier | |
|---|---|
| 2700K | .93 |
| 3000K | .98 |
| 3500K | 1.0 |
| 4000K | 1.02 |
| 5000K | 1.02 |

**CRI**

| Lumen multiplier (80CRI to 90CRI) | | | |
|---|---|---|---|
| 3000K | 3500K | 4000K | 5000K |
| 0.805 | 0.840 | 0.846 | 0.901 |

## Photometric Data

View IES files

**Ambient Temperature**

| Length | Lumen Package | Standard | EM |
|---|---|---|---|
| 2FT | 20SL - 28SL | 50°C | 40°C |
| | 37HL | 40°C | 40°C |
| 4FT | 20SL - 56SL | 50°C | 40°C |
| | 60SL - 85HL | 40°C | 40°C |
| 8FT | 64SL - 112SL | 50°C | 40°C |
| | 130HL - 170HL | 40°C | 40°C |

**Shipping Data**

| Length | Wt. |
|---|---|
| 2 ft. | 3.8 lbs. |
| 4 ft. | 7.2 lbs. |
| 8 ft. | 13.1 lbs. |

## Energy and Performance Data

| SNELD Type | Lumen Type | Length | Catalog Number | Nominal 3500K Lumens | Wattage | lm/W |
|---|---|---|---|---|---|---|
| Base | Standard | 2 ft. | 2SNLED-LD5-20SL-UNV-L8XX-CD1-U | 2005 | 14 | 140.5 |
| Base | Standard | 2 ft. | 2SNLED-LD5-24SL-UNV-L8XX-CD1-U | 2476 | 18 | 136.8 |
| Base | Standard | 2 ft. | 2SNLED-LD5-28SL-UNV-L8XX-CD1-U | 2810 | 21 | 132.1 |
| Base | High | 2 ft. | 2SNLED-LD5-37HL-UNV-L8XX-CD1-U | 3799 | 27 | 143.0 |
| Base | Standard | 4 ft. | 4SNLED-LD5-20SL-UNV-L8XX-CD1-U | 1934 | 13 | 148.4 |
| Base | Standard | 4 ft. | 4SNLED-LD5-24SL-UNV-L8XX-CD1-U | 2398 | 16 | 149.8 |
| Base | Standard | 4 ft. | 4SNLED-LD5-28SL-UNV-L8XX-CD1-U | 2761 | 18 | 149.7 |
| Base | Standard | 4 ft. | 4SNLED-LD5-32SL-UNV-L8XX-CD1-U | 3148 | 21 | 148.7 |
| Base | Standard | 4 ft. | 4SNLED-LD5-36SL-UNV-L8XX-CD1-U | 3649 | 25 | 146.6 |
| Base | Standard | 4 ft. | 4SNLED-LD5-40SL-UNV-L8XX-CD1-U | 4014 | 28 | 144.9 |
| Base | Standard | 4 ft. | 4SNLED-LD5-44SL-UNV-L8XX-CD1-U | 4367 | 31 | 142.9 |
| Base | Standard | 4 ft. | 4SNLED-LD5-48SL-UNV-L8XX-CD1-U | 4827 | 35 | 139.9 |
| Base | Standard | 4 ft. | 4SNLED-LD5-52SL-UNV-L8XX-CD1-U | 5167 | 38 | 137.4 |
| Base | Standard | 4 ft. | 4SNLED-LD5-56SL-UNV-L8XX-CD1-U | 5604 | 41 | 136.4 |
| Base | Standard | 4 ft. | 4SNLED-LD5-60SL-UNV-L8XX-CD1-U | 6015 | 46 | 130.4 |
| Base | Standard | 4 ft. | 4SNLED-LD5-64SL-UNV-L8XX-CD1-U | 6504 | 52 | 125.9 |
| Base | Standard | 4 ft. | 4SNLED-LD5-68SL-UNV-L8XX-CD1-U | 6781 | 55 | 123 |
| Base | High | 4 ft. | 4SNLED-LD5-56HL-UNV-L8XX-CD1-U | 5634 | 37 | 152 |
| Base | High | 4 ft. | 4SNLED-LD5-60HL-UNV-L8XX-CD1-U | 5894 | 39 | 150.9 |
| Base | High | 4 ft. | 4SNLED-LD5-64HL-UNV-L8XX-CD1-U | 6421 | 43 | 148.9 |
| Base | High | 4 ft. | 4SNLED-LD5-85HL-UNV-L8XX-CD1-U | 8471 | 62 | 136.3 |
| Base | Standard | 8 ft. | 8TSNLED-LD5-64SL-UNV-L8XX-CD1-U | 6296 | 42 | 147.8 |
| Base | Standard | 8 ft. | 8TSNLED-LD5-72SL-UNV-L8XX-CD1-U | 7298 | 50 | 146.6 |
| Base | Standard | 8 ft. | 8TSNLED-LD5-80SL-UNV-L8XX-CD1-U | 8028 | 55 | 144.9 |
| Base | Standard | 8 ft. | 8TSNLED-LD5-88SL-UNV-L8XX-CD1-U | 8734 | 61 | 142.9 |
| Base | Standard | 8 ft. | 8TSNLED-LD5-96SL-UNV-L8XX-CD1-U | 9654 | 69 | 139.9 |
| Base | Standard | 8 ft. | 8TSNLED-LD5-104SL-UNV-L8XX-CD1-U | 10334 | 75 | 137.4 |
| Base | Standard | 8 ft. | 8TSNLED-LD5-112SL-UNV-L8XX-CD1-U | 11208 | 82 | 136.4 |
| Base | High | 8 ft. | 8TSNLED-LD5-130HL-UNV-L8XX-CD1-U | 12842 | 86 | 148.9 |
| Base | High | 8 ft. | 8TSNLED-LD5-170HL-UNV-L8XX-CD2-U | 16942 | 124 | 136.3 |

*Stocked in either 3500K or 4000K. Check Flash for stock availability.



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Specifications and dimensions
subject to change without notice.