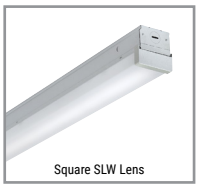
| | | | | | |
|---|---|---|---|---|---|
| **Project** | | **Catalog #** | | **Type** | |
| **Prepared by** | | **Notes** | | **Date** | |

Flat FDL Lens
(shown with Finished Decorative End Cover)

Round LW Lens (shown with Finished Decorative End Cover)



Square SLW Lens

# Metalux

## SNX Lensed

Flat, Round and Square Lens
Linear LED Striplight

**Typical Applications**

Commercial • Cove • Warehouse/Distribution • Retail • Industrial • General Aisle or Open Areas • Utility/Storage Rooms

## Interactive Menu


- Order Information page 2
- Photometrics page 4
- Energy and Performance Data page 5
- Control Solutions page 10
- Product Warranty


## Product Certification

## Product Features

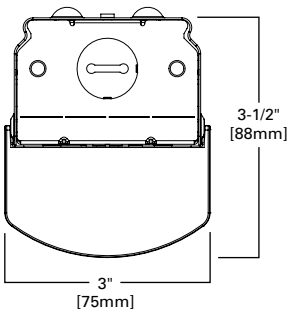
damp location

## Top Product Features

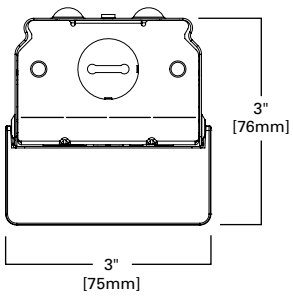
- Standard (SL) and High lumen/High Efficacy (HL) packages
- Three (3) CCT and Lumen selectable options available
- Up to 21,000 lumen and 174 LPW
- General, Narrow or Wide distributions
- Decorative end cover and multiple finishes provide a polished look
- Integral factory installed controls option allows more energy savings
- Captive lens, electrical, and channel cover assembly
- Tool-less channel cover and electrical assembly
- Options to meet Build America, Buy America, Buy American and other domestic preference requirements

## Dimensional Details

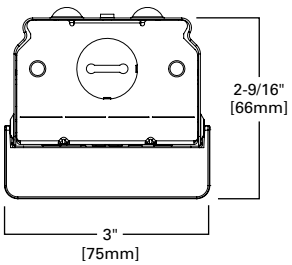
### End View - Round Lens




### End View - Square Lens

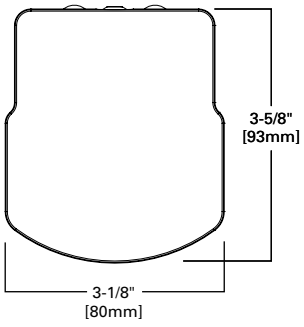



### End View - Flat Lens




### Finished Decorative End Covers

#### End View - Round Lens




additional product diagrams

## Order Information

SAMPLE ORDER NUMBERS: **4SNX-48SL-LN-UNV-L835-CD1-U or 8TSNX-180HL-SLW-UNV-EL7W-L840-CD2-U**

| Domestic Preferences [1] | Length | | | Series |
|---|---|---|---|---|
| **[Blank]**=Standard<br>**BAA**=Buy American Act<br>**TAA**=Trade Agreements Act<br>**BABA**=Build America Buy America Act | **2**=2 ft. | **4**=4 ft. | **8T**=8 ft. | **SNX**=Commercial LED Striplight [2] |

### Standard Nominal Lumen Packages [3], [6]

| 2 ft | 4 ft | | 8 ft | |
|---|---|---|---|---|
| SL3 [25] | SL3 [25] | 60SL | SL3 [5], [25] | 114SL [5] |
| 19SL | 20SL | 63SL | 40SL | 120SL [5] |
| 23SL | 22SL | 67SL | 44SL | 126SL [5] |
| 25SL | 26SL | 74HL | 52SL | 134SL [5] |
| 30SL | 31SL | 81HL | 62SL | 148HL [5] |
| 40HL | 33SL | 84HL | 66SL | 162HL [5] |
| 44HL | 37SL | 87HL | 74SL | 168HL [5] |
| 47HL | 41SL | 90HL | 82SL | 174HL [5] |
| | 45SL | 93HL | 90SL | 180HL [5] |
| | 48SL | 100HL | 96SL | 186HL [5] |
| | 51SL | 104HL | 102SL [5] | 200HL [5] |
| | 57SL | | | |

SL denotes standard lumen output. HL denotes high lumen output. Additional LEDs to obtain lumen package.

SL3=Low/Med/High output (see performance table for lumen package).

### Lens

**Round**
**LC**=Clear Lens
**LN**=Semi-Frost Lens - Narrow
**LW**=Full Frost Lens - Wide

**Square**
**SLW**=Square / Frost Lens - Wide

**Flat**
**FDL**=Flat Frost / Diffuse Lens

### Voltage [4]

**UNV**=Universal Voltage 120-277
**347**=347V
**480**=480V [9]

### Color Temp / CCT

**CCT Select** [6], [25]
**CC83**=Switchable CCT, 80CRI, 35/4/5000K
**CC93**=Switchable CCT, 90CRI 35/4/5000K

**CCT/CRI**
**L830**=3000K, 80 CRI
**L835**=3500K, 80 CRI
**L840**=4000K, 80 CRI
**L850**=5000K, 80 CRI
**L930**=3000K, 90 CRI
**L935**=3500K, 90 CRI
**L940**=4000K, 90 CRI
**L950**=5000K, 90 CRI

### Drive Type [7]

**CD**=0-10V Dimming Driver (10%-100% Dimming) [31]
**CDW**=Non-Programmable Driver, Limited Lumen Packages, 0-10V Dimming (10%-100%)
**HCD**=0-10V Dimming Driver (1%-100% Dimming) [31]
**SD**=Step-dim (Bi Level)
**5LTD**=DALI Driver [8]
**LH**=Lutron HiLume (LDE1 series) 1%-100% EcoSystem Driver with Soft-on Fade to Black dimming [24]

### No.of Drivers

**1**=1 Driver
**2**=2 Drivers [5]

### Options

**Emergency** [9], [10]
**EL7W**=7-watt 120V-277V emergency battery pack [11]
**EL10W**=10-watt 120V-277V emergency battery pack [11]
**EL14W**=14-watt 120V-277V emergency battery pack [11]
**EL10WSD**=10W emergency battery pack with self-diagnostic installed [11], [12]
**EL14WSD**=14W emergency battery pack with self-diagnostic installed [11], [12]
**GTR2**=Bodine Generator Transfer Relay [13]
**ETRD**=Emergency Transfer Relay with dimming control [13]

**WNPS**=WaveLinx with Normal Power Sensing Beacon [27], [28], [29], [30]

**WEM**=WaveLinx Enabled UL924 [27], [29], [30]

**Wiring** [14], [15]
**PI/CPI**=Plug in and cross over plug in options [22]
**PC6/120**=(NEMA 5-15P) 6 ft. Cord with NEMA Straight Plug
**PC6/277**=(NEMA L7-15P) 6 ft. Cord with NEMA Twist Plug
**C6(1)**=1 Circuit, 6 ft. Cord no Plug
**C3(1)**=1 Circuit, 3 ft. Cord no Plug

**Sensor** [10], [25]
**[Blank]**=No Sensor
**LB-ERMS360**=360° Low Bay Motion Sensor - End of Row, 8' Mounting
**HB-ERMS360**=360° High Bay Motion Sensor - End of Row, 15-40' Mounting [26]
**WLS**=WaveLinx LITE Integrated Sensor, Dim and Daylight, Bluetooth, 8'-15' MH [31], (B)
**WPS**=WaveLinx PRO Integrated Sensor, Dim and Daylight, ZigBee, 8'-15' MH [31], (A)
**WLS4-HB2**=WaveLinx LITE Integrated T-port Sensor, Dim and Daylight, Bluetooth, 15'-40' MH [21], (23), (B), (C)
SP1 sensor ready port is included as part of install
**WPS4**=WaveLinx PRO ZHAGA Sensor, Dim and Daylight, ZigBee , 15'-40' MH [21], (23), (A)

**Sensor Location**
**[Blank]**=End of Row
**MID**=Mid-row

### Knockouts

**[Blank]**=Clean Channel
**FKO**=Full Side KOs

### Paint Finish

**[Blank]**=Standard White
**PAF**=Painted after fab. (White)
**BLK**=PAF Black [17]
**GRY**=PAF Gray [17]

### Packaging

**U**=Unit Pack

### Accessories (Order Separately) [18]

**AYC-CHAIN/SET-U**=(2) 36" Chain Hanger (Use 1 set per fixture)
**SCF**=Fixed Stem Set (Specify Length) [19]
**SCS**=Swivel Stem Set (Specify Length) [19]
**SCA**=Adjustable 48" Stem Set [19]
**EYE-CHAIN/SET-B**=Eye Bolt Chain (Use 1 set per fixture)
**WG-SNX/SN-2FT-B-PK**=2ft Wire Guard
**WG-SNX/SN-4FT-B**=4ft Wire Guard
**A-1-B/SPACER-B**=Spacer 1-1/2" to 2-1/2" from ceiling (Use 2 per fixture) [19]
**TOGGLE**=Single Toggle No. 2 (Specify Length) [19]
**Y-Toggle-10-2PK**=(2) Y-Toggle Cable Kits at 10FT long
**GRP-SNF-U**=Gripper Hanger
**CLC-SNLED-EXT-B**=SN/SNX Long Row Aligner Extension
**ANGLBKT-SNX**=Wall hanger, Angle bracket, 1 pair (Use 1 set per fixture)

**Round Replacement Lenses**
**SNX-LENS-LW-2FT-U**= Replacement Lens 2 ft, Full Frost
**SNX-LENS-LN-2FT-U**= Replacement Lens 2 ft, Semi Frost
**SNX-LENS-LC-2FT-U**= Replacement Lens 2 ft, Clear
**SNX-LENS-LW-4FT-U**= Replacement Lens 4 ft, Full Frost
**SNX-LENS-LN-4FT-U**= Replacement Lens 4 ft, Semi Frost
**SNX-LENS-LC-4FT-U**= Replacement Lens 4 ft, Clear

**Square Replacement Lenses**
**SNX-SQLENS-SLW-2FT-U**= Replacement Lens 2 ft, Full Frost
**SNX-SQLENS-SLW-4FT-U**= Replacement Lens 4 ft, Full Frost

**Flat Replacement Lenses**
**SNX-Flat Lens-FDL-2FT-U**= Replacement Lens 2 ft, Full Frost
**SNX-Flat Lens-FDL-4FT-U**= Replacement Lens 4 ft, Full Frost

**Finished End Cover** [20]
**DECOEND-RND PK**=(2) Full end caps, SNX w/ Round Lens
**DECOEND-FDL PK**=(2) Full end caps, SNX w/ Flat FDL Lens
**DECOEND-SLW PK**=(2) Full end caps, SNX w/ Square Lens

**Notes:** (1) 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. (2) DesignLights Consortium® Qualified and classified for both DLC Standard and DLC Premium, refer to www.designlights.org for details. (3) Nominal lumen values. See table for value and fixture length. (4) 347/480V max ambient temp 40C. (5) Requires two drivers. (6) SL3 must be ordered in conjunction w/CCT Select. CC83 or 93 default setting is 4000K and Medium output. (7) 2ft with Sensor limited to CD and HCD drivers only. (8) For a complete listing of Fifth Light products, visit www.cooperlighting.com (9) 4 ft and 8 ft only. (10) When ordering sensor or EBP option, specify UNV (for 120 or 277V), 347 or 480V. (11) Factory installed with integral test switch/indicator. 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. (12) EL10WSD and EL14WSD not available with 347V. (13) Used to bypass local control during outage. Must be used in conjunction with UL 1008 device (provided by others). GTR2 include 2 relays on fixtures with dimming drivers. ETRD option only requires one relay when used on a dimming fixture. Must specify voltage as 120 or 277V when ordering GTR2. (14) Consult tech support on numerous options for this feature. (15) Most common C&P shown. Must specify location for cord. All "end" locations will be on the end with sensor installed. (16) Integral Mid-Row sensor does not apply for ZW-SVPD3. (17) Black or gray fixture and lens ends. Refer to Finish multiplier table for performance. (18) Accessories sold separately will be separately analyzed under domestic preference requirements. Consult factory for further information. (19) Order 2 per fixture. (20) Finished Deco end cover cannot be used with ERM or WxSx end mount sensor or over any end mount fitting. (21) WxSx provided in separate enclosure. (22) For more information on PI/CPI options, refer to 022341_pi_tilw (cooperlighting.com) (23) Not available in Mid-Row Configuration. (24) Consult Marketplace Options-Lutron system pages for additional details and compatibility. Compatible only with driver series shown, and may require two or more drivers. Requires field commissioning to operate or dim. Contact Lutron at www.lutron.com (25) Selectable Lumens or Selectable CCT not compatible with Wavelinx Sensor options. (26) Motion sensor offers dimmability. (27) Only available as part of a WaveLinx control system; must order with WLS or WPS sensor. Compatible with UNV CD/HCD drivers only. (28) WNPS is compatible with ESP-L or ESP-P emergency control devices. (29) Cannot be combined with other emergency, control or relay options. (30) For UL924 compliance, WEM and WNPS luminaires must be installed in the same application space. (31) WPS and WLS sensor used with CD or HCD drivers only.

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. (C) HB2 Sensor is 100-10% dimming and 10% to off.

**Stock is available in the following catalog numbers:**

| Catalog Number | Description | Replaces Up To | Selectable CCT | Voltage | Selectable Lumens | Watts | UPC | DLC Product ID |
|---|---|---|---|---|---|---|---|---|
| 4SNX-SL3-LW-UNV-CC83-CD1-U | 4' Single Lens | 2-T8 32W, 1-T5HO 54W | 3500K-5000K | 120-277V | 2000-6100 | 17/33/51 | 080083265107 | S-VF0RKS |
| 8TSNX-SL3-LW-UNV-CC83-CD2-U | 8' Single Lens | 4-T8 32W, 2-T12 75W | 3500K-5000K | 120-277V | 4100-12000 | 34/67/101 | 080083265114 | S-7FC8RS |

## Product Specifications

### Construction
- Die-formed cold rolled steel channel and cover
- Convertible end plate for continuous row alignment
- Tool-less channel/wireway cover and captive electrical assembly
- Groove for Tong Hanger
- Surface, wall, pendant or stem mount capable. See available mounting options.

### Controls
- Standard with 0-10V dimming driver (10% standard, 1% optional)
- 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
- DALI 2.0 and step-dimming available
- For motion control, reference sensor locations for both end and middle of the row applications

### Emergency Options
- Optional 120V-277V integral emergency battery pack available in 7W or 14W
- 90-minute backup period for code compliance
- Generator transfer options available
- WNPS enables Normal Power Sensing (NPS) functionality, allowing detection of normal power availability as part of a WaveLinx EM solution
- NPS must be ordered with WaveLinx LITE or PRO sensor to enable wireless sensing EM solution
- Order standard product with compatible emergency control device (ESP-P) when pairing NPS enabled luminaires in any space
- NPS luminaires meet UL924 requirements when paired with compatible emergency control device

### WNPS - WaveLinx Normal Power Sensing
- Normal Power Sensing (NPS) wireless beacon enabled luminaire that signals normal power is present
- Must be ordered with WaveLinx LITE or PRO sensor as part of a WaveLinx control system
- For UL924 compliance, WNPS enabled luminaires with standard product and compatible emergency control devices (ESP-P/ESP-L) must be installed in same application space

### WEM - WaveLinx UL924 Emergency Sensor
- Emergency control devices (ESP-P/ESP-L) not required when WEM and WNPS luminaires are installed in the same application space
- For UL924 compliance, order WEM and WNPS luminaires in the same application space
- WEM must be ordered with WLS or WPS sensor as part of a WaveLinx control system

### 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
- Three CCT select option available for 80 or 90CRI in warm to cool color temps, see ordering logic
- Lumen select option available in full, medium or low brightness, see performance table and ordering logic
- Electronic drivers available for 120-277V, 347V and 480 applications
- Operating temperature of -20°C to 50°C
- Default CCT/Lumen setting is 4000K and Med Power

### Finish
- Standard baked white enamel finish with multi-stage, iron phosphate pretreatment. Baked white enamel finish is standard
- PAF option for added rust protection
- Other paint finishes available: Black (BLK) and GRAY (GR)

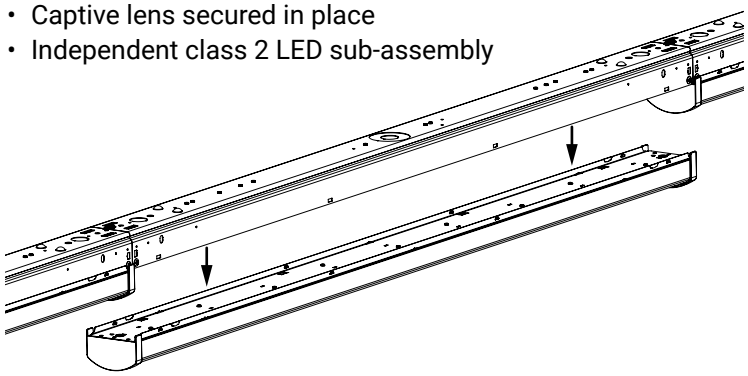
### Shielding
- Offered with acrylic lens and molded lens cap
- Flat lens with LED diffuse blend (FDL) for general distribution is recommended option
- Round lens offered in three distributions: Clear with linear ribs (LC), semi-frost for narrow distribution, and frost for wide distribution (LW)
- Square frost lens option for wide distribution (SLW) is available

### Compliance
- cULus Listed for damp locations
- RoHS compliant
- 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

### 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 utilize a BAA COTS exemption rule for compliance. 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. Please refer to the DOMESTIC PREFERENCES website or consult the CLS Domestic Preferences team for more information. Components shipped separately may be separately analyzed under domestic preference requirements.

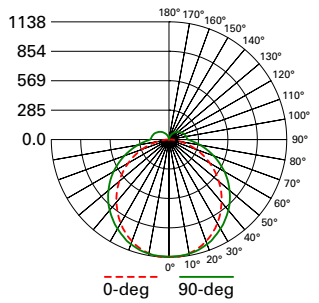
### Limited Warranty
- Five year limited warranty

## Captive Light Channel Assembly
- Tool-less removal for easy install
- Captive lens secured in place
- Independent class 2 LED sub-assembly

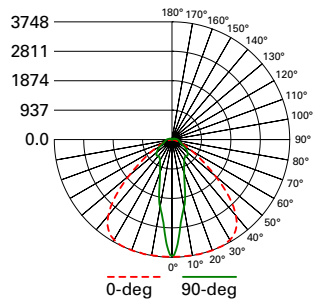


## Photometric Data

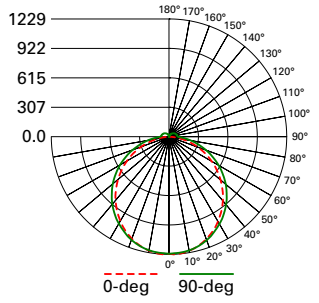
View IES files



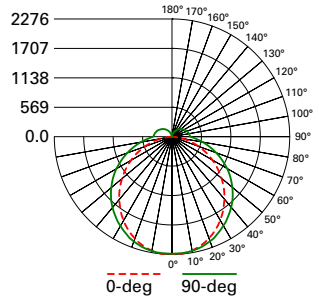

**4SNX-41SL-LW-UNV-L850-CD1-U**
Electronic Driver
Linear LED 5000K
Spacing criterion: (II) 1.23 x mounting height, (⊥) 1.31 x mounting height
Lumens: 4027
Input Watts: 26.3W
Efficacy: 153 LPW
Test Report: 4SNX-41SL-LW-UNV-L850-CD.IES



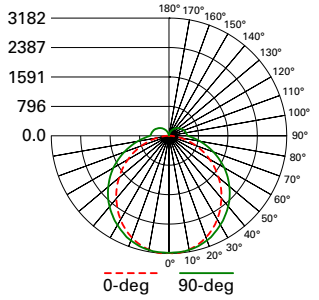

**4SNX-41SL-LC-UNV-L850-CD1-U**
Electronic Driver
Linear LED 5000K
Spacing criterion: (II) 1.45 x mounting height, (⊥) 0.43 x mounting height
Lumens: 4557
Input Watts: 26.3W
Efficacy: 173 LPW
Test Report: 4SNX-41SL-LC-UNV-L850-CD.IES



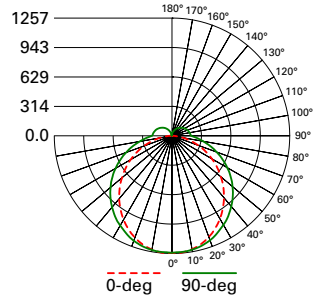

**4SNX-41SL-FDL-UNV-L850-CD1-U**
Electronic Driver
Linear LED 5000K
Spacing criterion: (II) 1.24 x mounting height, (⊥) 1.28 x mounting height
Lumens: 3877
Input Watts: 26.3W
Efficacy: 147 LPW
Test Report: 4SNX-41SL-FDL-UNV-L850-CD.IES




**8TSNX-82SL-LW-UNV-L850-CD1-U**
Electronic Driver
Linear LED 5000K
Spacing criterion: (II) 1.23 x mounting height, (⊥) 1.31 x mounting height
Lumens: 8053
Input Watts: 52.6W
Efficacy: 153 LPW
Test Report: 8SNX-82SL-LW-UNV-L850-CD.IES




**8TSNX-104SL-LW-UNV-L850-CD1-U**
Electronic Driver
Linear LED 5000K
Spacing criterion: (II) 1.23 x mounting height, (⊥) 1.31 x mounting height
Lumens: 11260
Input Watts: 79.4W
Efficacy: 142 LPW
Test Report: 8SNX-104SL-LW-UNV-L850-CD.IES




**2SNX-47HL-LW-UNV-L850-CD1-U**
Electronic Driver
Linear LED 5000K
Spacing criterion: (II) 1.24 x mounting height, (⊥) 1.28 x mounting height
Lumens: 4494
Input Watts: 33.7W
Efficacy: 133 LPW
Test Report: 2SNX-47HL-LW-UNV-L850-CD.IES

## Additional Data

**CCT Table**

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

**Shipping Data**

| Length | Wt. |
|---|---|
| 2 ft. | 4.3 lbs. |
| 4 ft. | 8.2 lbs. |
| 8 ft. | 15.1 lbs. |

**CRI**

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

**Lumen Maintenance**

| Product Model (1) | Ambient Temperature | TM-21 Lumen Maintenance (60,000 hours) | Theoretical L90 (Hours) | Theoretical L70 (Hours) |
|---|---|---|---|---|
| SNX-SL | 25C | 89 | 53,000 | 175,000 |
| | 40C and higher | 89 | 49,000 | 163,000 |
| SNX-HL | 25C | 89 | 55,000 | 180,000 |
| | 40C and higher | 87 | 46,000 | 155,000 |

**Notes:** (1) 4ft and 8ft TM-21 data are equivalent.

## Energy and Performance Data - Fixed Output

| Lumen Package | | Delivered Lumens | | | | | Wattage | Efficacy lm/W | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 2 ft | | LC | LN | LW | SLW | FDL | | LC | LN | LW | SLW | FDL |
| 19 | SL | 2006 | 1939 | 1773 | 1755 | 1707 | 12.0 | 167.2 | 161.6 | 147.8 | 146.3 | 142.3 |
| 23 | SL | 2429 | 2347 | 2146 | 2124 | 2066 | 14.9 | 163.0 | 157.5 | 144.0 | 142.6 | 138.7 |
| 25 | SL | 2718 | 2626 | 2401 | 2377 | 2312 | 17.5 | 155.3 | 150.1 | 137.2 | 135.8 | 132.1 |
| 30 | SL | 3204 | 3096 | 2831 | 2802 | 2726 | 21.0 | 152.6 | 147.4 | 134.8 | 133.4 | 129.8 |
| 40 | HL | 4347 | 4200 | 3727 | 3689 | 3725 | 27.6 | 157.5 | 152.2 | 135.0 | 133.7 | 135.0 |
| 44 | HL | 4683 | 4525 | 4015 | 3975 | 4013 | 31.1 | 150.6 | 145.5 | 129.1 | 127.8 | 129.0 |
| 47 | HL | 5009 | 4840 | 4295 | 4251 | 4292 | 33.7 | 148.6 | 143.6 | 127.4 | 126.1 | 127.4 |

| Lumen Package | | Delivered Lumens | | | | | Wattage | Efficacy lm/W | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 4 ft | | LC | LN | LW | SLW | FDL | | LC | LN | LW | SLW | FDL |
| 20 | SL | 2100 | 2029 | 1855 | 1836 | 1786 | 12.1 | 173.6 | 167.7 | 153.3 | 151.7 | 147.6 |
| 22 | SL | 2391 | 2311 | 2113 | 2091 | 2034 | 13.8 | 173.3 | 167.5 | 153.1 | 151.5 | 147.4 |
| 26 | SL | 2823 | 2728 | 2494 | 2469 | 2401 | 16.4 | 172.1 | 166.3 | 152.1 | 150.5 | 146.4 |
| 31 | SL | 3318 | 3206 | 2932 | 2902 | 2823 | 19.5 | 170.2 | 164.4 | 150.4 | 148.8 | 144.8 |
| 33 | SL | 3563 | 3443 | 3148 | 3116 | 3031 | 21.1 | 168.9 | 163.2 | 149.2 | 147.7 | 143.6 |
| 37 | SL | 4013 | 3877 | 3545 | 3509 | 3413 | 24.0 | 167.2 | 161.5 | 147.7 | 146.2 | 142.2 |
| 41 | SL | 4356 | 4209 | 3848 | 3809 | 3705 | 26.3 | 165.6 | 160.0 | 146.3 | 144.8 | 140.9 |
| 45 | SL | 4857 | 4693 | 4292 | 4248 | 4132 | 29.8 | 163.0 | 157.5 | 144.0 | 142.6 | 138.7 |
| 48 | SL | 5191 | 5015 | 4586 | 4540 | 4416 | 32.1 | 161.7 | 156.2 | 142.9 | 141.4 | 137.6 |
| 51 | SL | 5435 | 5252 | 4803 | 4754 | 4624 | 35.0 | 155.3 | 150.1 | 137.2 | 135.8 | 132.1 |
| 57 | SL | 6090 | 5884 | 5381 | 5326 | 5181 | 39.7 | 153.4 | 148.2 | 135.5 | 134.2 | 130.5 |
| 60 | SL | 6408 | 6192 | 5662 | 5605 | 5452 | 42.0 | 152.6 | 147.4 | 134.8 | 133.5 | 129.8 |
| 63 | SL | 6727 | 6500 | 5944 | 5883 | 5723 | 44.4 | 151.5 | 146.4 | 133.9 | 132.5 | 128.9 |
| 67 | SL | 7191 | 6948 | 6354 | 6289 | 6117 | 47.9 | 150.1 | 145.1 | 132.7 | 131.3 | 127.7 |
| 74 | HL | 8015 | 7745 | 6873 | 6803 | 6869 | 51.8 | 154.7 | 149.5 | 132.7 | 131.3 | 132.6 |
| 81 | HL | 8693 | 8400 | 7454 | 7378 | 7450 | 55.1 | 157.8 | 152.5 | 135.3 | 133.9 | 135.2 |
| 84 | HL | 9084 | 8777 | 7789 | 7710 | 7785 | 57.9 | 156.9 | 151.6 | 134.5 | 133.2 | 134.5 |
| 87 | HL | 9366 | 9050 | 8031 | 7949 | 8026 | 62.2 | 150.6 | 145.5 | 129.1 | 127.8 | 129.0 |
| 90 | HL | 9701 | 9373 | 8318 | 8233 | 8313 | 64.4 | 150.6 | 145.5 | 129.2 | 127.8 | 129.1 |
| 93 | HL | 10018 | 9680 | 8590 | 8502 | 8585 | 67.4 | 148.6 | 143.6 | 127.4 | 126.1 | 127.4 |
| 100 | HL | 10765 | 10402 | 9231 | 9137 | 9226 | 72.5 | 148.5 | 143.5 | 127.3 | 126.0 | 127.3 |
| 104 | HL | 11162 | 10786 | 9571 | 9474 | 9566 | 75.5 | 147.8 | 142.9 | 126.8 | 125.5 | 126.7 |

## Energy and Performance Data - Fixed Output

| Lumen Package | | Delivered Lumens | | | | | Wattage | Efficacy lm/W | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 8 ft | | LC | LN | LW | SLW | FDL | | LC | LN | LW | SLW | FDL |
| 40 | SL | 4200 | 4058 | 3711 | 3673 | 3573 | 24.2 | 173.6 | 167.7 | 153.3 | 151.8 | 147.6 |
| 44 | SL | 4782 | 4621 | 4226 | 4183 | 4068 | 27.6 | 173.3 | 167.4 | 153.1 | 151.6 | 147.4 |
| 52 | SL | 5646 | 5455 | 4989 | 4938 | 4803 | 32.8 | 172.1 | 166.3 | 152.1 | 150.5 | 146.4 |
| 62 | SL | 6637 | 6413 | 5864 | 5805 | 5646 | 39.0 | 170.2 | 164.4 | 150.4 | 148.8 | 144.8 |
| 66 | SL | 7126 | 6885 | 6296 | 6232 | 6062 | 42.2 | 168.9 | 163.2 | 149.2 | 147.7 | 143.6 |
| 74 | SL | 8025 | 7754 | 7091 | 7019 | 6827 | 48.0 | 167.2 | 161.5 | 147.7 | 146.2 | 142.2 |
| 82 | SL | 8711 | 8417 | 7697 | 7619 | 7410 | 52.6 | 165.6 | 160.0 | 146.3 | 144.8 | 140.9 |
| 90 | SL | 9714 | 9386 | 8583 | 8496 | 8264 | 59.6 | 163.0 | 157.5 | 144.0 | 142.6 | 138.7 |
| 96 | SL | 10381 | 10031 | 9173 | 9079 | 8831 | 64.2 | 161.7 | 156.2 | 142.9 | 141.4 | 137.6 |
| 102 | SL | 10871 | 10504 | 9605 | 9507 | 9248 | 70.0 | 155.3 | 150.1 | 137.2 | 135.8 | 132.1 |
| 114 | SL | 12180 | 11769 | 10762 | 10652 | 10361 | 79.4 | 153.4 | 148.2 | 135.5 | 134.2 | 130.5 |
| 120 | SL | 12817 | 12384 | 11325 | 11209 | 10903 | 84.0 | 152.6 | 147.4 | 134.8 | 133.4 | 129.8 |
| 126 | SL | 13454 | 13000 | 11888 | 11767 | 11445 | 88.8 | 151.5 | 146.4 | 133.9 | 132.5 | 128.9 |
| 134 | SL | 14382 | 13897 | 12708 | 12578 | 12235 | 95.8 | 150.1 | 145.1 | 132.7 | 131.3 | 127.7 |
| 148 | HL | 16031 | 15490 | 13746 | 13606 | 13738 | 103.6 | 154.7 | 149.5 | 132.7 | 131.3 | 132.6 |
| 162 | HL | 17386 | 16800 | 14908 | 14757 | 14900 | 110.2 | 157.8 | 152.5 | 135.3 | 133.9 | 135.2 |
| 168 | HL | 18168 | 17555 | 15579 | 15420 | 15570 | 115.8 | 156.9 | 151.6 | 134.5 | 133.2 | 134.5 |
| 174 | HL | 18731 | 18099 | 16062 | 15898 | 16053 | 124.4 | 150.6 | 145.5 | 129.1 | 127.8 | 129.0 |
| 180 | HL | 19401 | 18747 | 16636 | 16467 | 16627 | 128.8 | 150.6 | 145.6 | 129.2 | 127.8 | 129.1 |
| 186 | HL | 20035 | 19359 | 17179 | 17005 | 17170 | 134.8 | 148.6 | 143.6 | 127.4 | 126.1 | 127.4 |
| 200 | HL | 21531 | 20804 | 18462 | 18274 | 18452 | 145.0 | 148.5 | 143.5 | 127.3 | 126.0 | 127.3 |

## Energy and Performance Data - Selectable Output

**Default CCT/Lumen Setting: 4000K / Med Power**

| Lens Type | CRI | Length | Lumen Select | Delivered Lumens | | | Wattage | | | Efficacy lm/W | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | CCT Select | 3500K | 4000K | 5000K | 3500K | 4000K | 5000K | 3500K | 4000K | 5000K |
| LC | 80 | 2 ft. | Low | 1026 | 1066 | 1099 | 6.9 | 6.6 | 6.7 | 148.7 | 161.5 | 164.0 |
| | | | Med | 1990 | 2198 | 2133 | 13.9 | 13.3 | 13.2 | 143.2 | 165.3 | 161.6 |
| | | | High | 3016 | 3232 | 3331 | 21 | 20 | 20.2 | 143.6 | 161.6 | 164.9 |
| | | 4 ft. | Low | 2275 | 2405 | 2270 | 16.7 | 16.1 | 16.9 | 136.2 | 149.4 | 134.3 |
| | | | Med | 4665 | 4551 | 4800 | 33.5 | 32.3 | 33.7 | 139.3 | 140.9 | 142.4 |
| | | | High | 6957 | 7289 | 6880 | 50.7 | 48.9 | 51.1 | 137.2 | 149.1 | 134.6 |
| | | 8 ft. | Low | 4453 | 4693 | 4655 | 33.5 | 32.3 | 33.7 | 132.9 | 145.3 | 138.1 |
| | | | Med | 9383 | 8909 | 9364 | 66.9 | 64.5 | 67.5 | 140.3 | 138.1 | 138.7 |
| | | | High | 14575 | 14220 | 13468 | 101.4 | 97.8 | 102.2 | 143.7 | 145.4 | 131.8 |
| | 90 | 2 ft. | Low | 842 | 903 | 904 | 6.9 | 6.6 | 6.7 | 122.0 | 136.8 | 134.9 |
| | | | Med | 1737 | 1805 | 1809 | 13.9 | 13.3 | 13.2 | 125.0 | 135.7 | 137.0 |
| | | | High | 2553 | 2819 | 2825 | 21 | 20.2 | 20.2 | 121.6 | 139.6 | 139.9 |
| | | 4 ft. | Low | 1944 | 2036 | 1926 | 16.7 | 16.1 | 16.9 | 116.4 | 126.5 | 114.0 |
| | | | Med | 3949 | 3852 | 4072 | 33.5 | 32.3 | 33.7 | 117.9 | 119.3 | 120.8 |
| | | | High | 5889 | 6169 | 5836 | 50.7 | 48.9 | 51.1 | 116.2 | 126.2 | 114.2 |
| | | 8 ft. | Low | 3770 | 3972 | 3949 | 33.5 | 32.3 | 33.7 | 112.5 | 123.0 | 117.2 |
| | | | Med | 7704 | 7540 | 7943 | 66.9 | 64.5 | 67.5 | 115.2 | 116.9 | 117.7 |
| | | | High | 12338 | 12035 | 11425 | 101.4 | 97.8 | 102.2 | 121.7 | 123.1 | 111.8 |

## Energy and Performance Data - Selectable Output

| Lens Type | CRI | Length | Lumen Select | Delivered Lumens | | | Wattage | | | Efficacy lm/W | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | CCT Select | 3500K | 4000K | 5000K | 3500K | 4000K | 5000K | 3500K | 4000K | 5000K |
| LN | 80 | 2 ft. | Low | 991 | 1030 | 1062 | 6.9 | 6.6 | 6.7 | 143.6 | 156.1 | 158.5 |
| | | | Med | 1983 | 2124 | 2061 | 13.9 | 13.3 | 13.2 | 142.7 | 159.7 | 156.1 |
| | | | High | 2914 | 3122 | 3218 | 21 | 20 | 20.2 | 138.8 | 156.1 | 159.3 |
| | | 4 ft. | Low | 2218 | 2324 | 2194 | 16.7 | 16.1 | 16.9 | 132.8 | 144.3 | 129.8 |
| | | | Med | 4508 | 4398 | 4638 | 33.5 | 32.3 | 33.7 | 134.6 | 136.2 | 137.6 |
| | | | High | 6722 | 7043 | 6648 | 50.7 | 48.9 | 51.1 | 132.6 | 144.0 | 130.1 |
| | | 8 ft. | Low | 4647 | 4534 | 4498 | 33.5 | 32.3 | 33.7 | 138.7 | 140.4 | 133.5 |
| | | | Med | 8793 | 8608 | 9048 | 66.9 | 64.5 | 67.5 | 131.4 | 133.5 | 134.0 |
| | | | High | 14083 | 13740 | 13013 | 101.4 | 97.8 | 102.2 | 138.9 | 140.5 | 127.3 |
| | 90 | 2 ft. | Low | 814 | 899 | 874 | 6.9 | 6.7 | 6.7 | 118.0 | 134.2 | 130.4 |
| | | | Med | 1679 | 1744 | 1748 | 13.9 | 13.3 | 13.2 | 120.8 | 131.1 | 132.4 |
| | | | High | 2467 | 2724 | 2730 | 21 | 20.2 | 20.2 | 117.5 | 134.9 | 135.1 |
| | | 4 ft. | Low | 1878 | 1967 | 1861 | 16.7 | 16.1 | 16.9 | 112.5 | 122.2 | 110.1 |
| | | | Med | 3816 | 3722 | 3934 | 33.5 | 32.3 | 33.7 | 113.9 | 115.2 | 116.7 |
| | | | High | 5691 | 5782 | 5639 | 50.7 | 48.9 | 51.1 | 112.2 | 118.2 | 110.4 |
| | | 8 ft. | Low | 3934 | 3838 | 3816 | 33.5 | 32.3 | 33.7 | 117.4 | 118.8 | 113.2 |
| | | | Med | 7444 | 7286 | 7675 | 66.9 | 64.5 | 67.5 | 111.3 | 113.0 | 113.7 |
| | | | High | 11922 | 11629 | 11039 | 101.4 | 97.8 | 102.2 | 117.6 | 118.9 | 108.0 |

| Lens Type | CRI | Length | Lumen Select | Delivered Lumens | | | Wattage | | | Efficacy lm/W | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | CCT Select | 3500K | 4000K | 5000K | 3500K | 4000K | 5000K | 3500K | 4000K | 5000K |
| LW | 80 | 2 ft. | Low | 907 | 914 | 971 | 6.9 | 6.6 | 6.7 | 131.4 | 138.5 | 144.9 |
| | | | Med | 1813 | 1942 | 1829 | 13.9 | 13.3 | 13.2 | 130.4 | 146.0 | 138.6 |
| | | | High | 2586 | 2771 | 2943 | 21 | 20 | 20.2 | 123.1 | 138.6 | 145.7 |
| | | 4 ft. | Low | 2028 | 2125 | 1947 | 16.7 | 16.1 | 16.9 | 121.4 | 132.0 | 115.2 |
| | | | Med | 4000 | 4058 | 4241 | 33.5 | 32.3 | 33.7 | 119.4 | 125.6 | 125.8 |
| | | | High | 6147 | 6062 | 5900 | 50.7 | 48.9 | 51.1 | 121.2 | 124.0 | 115.5 |
| | | 8 ft. | Low | 4250 | 4146 | 4137 | 33.5 | 32.3 | 33.7 | 126.9 | 128.4 | 122.8 |
| | | | Med | 7803 | 7639 | 8273 | 66.9 | 64.5 | 67.5 | 116.6 | 118.4 | 122.6 |
| | | | High | 12878 | 11826 | 11548 | 101.4 | 97.8 | 102.2 | 127.0 | 120.9 | 113.0 |
| | 90 | 2 ft. | Low | 722 | 822 | 824 | 6.9 | 6.7 | 6.6 | 104.6 | 122.7 | 124.8 |
| | | | Med | 1535 | 1547 | 1551 | 13.9 | 13.3 | 13.2 | 110.4 | 116.3 | 117.5 |
| | | | High | 2189 | 2491 | 2497 | 21 | 20.2 | 20.2 | 104.2 | 123.3 | 123.6 |
| | | 4 ft. | Low | 1717 | 1799 | 1652 | 16.7 | 16.1 | 16.9 | 102.8 | 111.7 | 97.8 |
| | | | Med | 3386 | 3434 | 3598 | 33.5 | 32.3 | 33.7 | 101.1 | 106.3 | 106.8 |
| | | | High | 5204 | 5131 | 5005 | 50.7 | 48.9 | 51.1 | 102.6 | 104.9 | 97.9 |
| | | 8 ft. | Low | 3598 | 3509 | 3509 | 33.5 | 32.3 | 33.7 | 107.4 | 108.6 | 104.1 |
| | | | Med | 6606 | 7195 | 7018 | 66.9 | 64.5 | 67.5 | 98.7 | 111.6 | 104.0 |
| | | | High | 10902 | 10009 | 9796 | 101.4 | 97.8 | 102.2 | 107.5 | 102.3 | 95.9 |

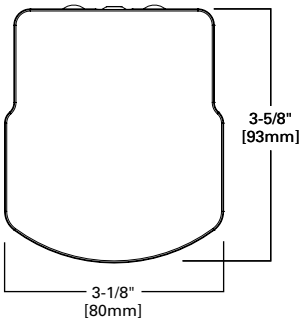
## Energy and Performance Data - Selectable Output

| Lens Type | CRI | Length | Lumen Select | Delivered Lumens | | | Wattage | | | Efficacy | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | CCT Select | 3500K | 4000K | 5000K | 3500K | 4000K | 5000K | 3500K | 4000K | 5000K |
| SLW | 80 | 2 ft. | Low | 845 | 905 | 905 | 6.9 | 6.6 | 6.7 | 122.5 | 137.1 | 135.1 |
| | | | Med | 1795 | 1923 | 1810 | 13.9 | 13.3 | 13.2 | 129.1 | 144.6 | 137.1 |
| | | | High | 2560 | 2743 | 2913 | 21 | 20 | 20.2 | 121.9 | 137.2 | 144.2 |
| | | 4 ft. | Low | 2008 | 1980 | 1927 | 16.7 | 16.1 | 16.9 | 120.2 | 123.0 | 114.0 |
| | | | Med | 3959 | 4017 | 4198 | 33.5 | 32.3 | 33.7 | 118.2 | 124.4 | 124.6 |
| | | | High | 6084 | 6000 | 5840 | 50.7 | 48.9 | 51.1 | 120.0 | 122.7 | 114.3 |
| | | 8 ft. | Low | 4206 | 4104 | 4095 | 33.5 | 32.3 | 33.7 | 125.6 | 127.1 | 121.5 |
| | | | Med | 7724 | 8415 | 8189 | 66.9 | 64.5 | 67.5 | 115.5 | 130.5 | 121.3 |
| | | | High | 12747 | 11706 | 11431 | 101.4 | 97.8 | 102.2 | 125.7 | 119.7 | 111.8 |
| | 90 | 2 ft. | Low | 715 | 814 | 816 | 6.9 | 6.7 | 6.6 | 103.6 | 121.5 | 123.6 |
| | | | Med | 1519 | 1532 | 1536 | 13.9 | 13.3 | 13.2 | 109.3 | 115.2 | 116.4 |
| | | | High | 2167 | 2465 | 2326 | 21 | 20.2 | 20.2 | 103.2 | 122.0 | 115.1 |
| | | 4 ft. | Low | 1700 | 1676 | 1635 | 16.7 | 16.1 | 16.9 | 101.8 | 104.1 | 96.7 |
| | | | Med | 3352 | 3400 | 3561 | 33.5 | 32.3 | 33.7 | 100.1 | 105.3 | 105.7 |
| | | | High | 5151 | 5079 | 5151 | 50.7 | 48.9 | 51.1 | 101.6 | 103.9 | 100.8 |
| | | 8 ft. | Low | 3561 | 3269 | 3473 | 33.5 | 32.3 | 33.7 | 106.3 | 101.2 | 103.1 |
| | | | Med | 6539 | 7122 | 6947 | 66.9 | 64.5 | 67.5 | 97.7 | 110.4 | 102.9 |
| | | | High | 10791 | 9907 | 9697 | 101.4 | 97.8 | 102.2 | 106.4 | 101.3 | 94.9 |

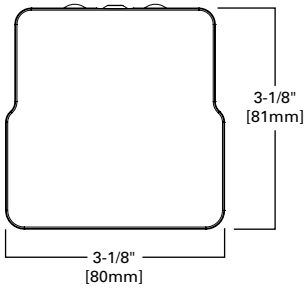
| Lens Type | CRI | Length | Lumen Select | Delivered Lumens | | | Wattage | | | Efficacy | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | CCT Select | 3500K | 4000K | 5000K | 3500K | 4000K | 5000K | 3500K | 4000K | 5000K |
| FDL | 80 | 2 ft. | Low | 853 | 914 | 914 | 6.9 | 6.6 | 6.7 | 123.6 | 138.5 | 136.4 |
| | | | Med | 1746 | 1870 | 1828 | 13.9 | 13.3 | 13.2 | 125.6 | 140.6 | 138.5 |
| | | | High | 2584 | 2833 | 2833 | 21 | 20.2 | 20.2 | 123.0 | 140.2 | 140.2 |
| | | 4 ft. | Low | 1953 | 1999 | 1946 | 16.7 | 16.1 | 16.9 | 116.9 | 124.2 | 115.1 |
| | | | Med | 3998 | 3907 | 4083 | 33.5 | 32.3 | 33.7 | 119.3 | 121.0 | 121.2 |
| | | | High | 5918 | 6059 | 5906 | 50.7 | 48.9 | 51.1 | 116.7 | 123.9 | 115.6 |
| | | 8 ft. | Low | 4092 | 3900 | 3892 | 33.5 | 32.3 | 33.7 | 122.1 | 120.7 | 115.5 |
| | | | Med | 7799 | 8185 | 7966 | 66.9 | 64.5 | 67.5 | 116.6 | 126.9 | 118.0 |
| | | | High | 12399 | 11820 | 12373 | 101.4 | 97.8 | 102.2 | 122.3 | 120.9 | 121.1 |
| | 90 | 2 ft. | Low | 722 | 791 | 793 | 6.9 | 6.7 | 6.6 | 104.6 | 118.1 | 120.2 |
| | | | Med | 1478 | 1547 | 1586 | 13.9 | 13.3 | 13.3 | 106.3 | 116.3 | 119.2 |
| | | | High | 2188 | 2398 | 2349 | 21 | 20.2 | 20.2 | 104.2 | 118.7 | 116.3 |
| | | 4 ft. | Low | 1653 | 1692 | 1651 | 16.7 | 16.1 | 16.9 | 99.0 | 105.1 | 97.7 |
| | | | Med | 3384 | 3307 | 3384 | 33.5 | 32.3 | 33.7 | 101.0 | 102.4 | 100.4 |
| | | | High | 5010 | 5128 | 5010 | 50.7 | 48.9 | 51.1 | 98.8 | 104.9 | 98.0 |
| | | 8 ft. | Low | 3464 | 3301 | 3301 | 33.5 | 32.3 | 33.7 | 103.4 | 102.2 | 98.0 |
| | | | Med | 6602 | 6927 | 6757 | 66.9 | 64.5 | 67.5 | 98.7 | 107.4 | 100.1 |
| | | | High | 10496 | 10004 | 10496 | 101.4 | 97.8 | 102.2 | 103.5 | 102.3 | 102.7 |

## Finished Decorative End Covers

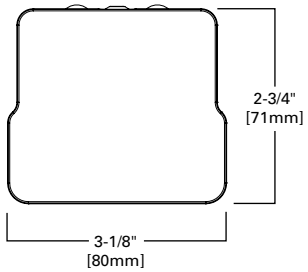
### End View - Round Lens



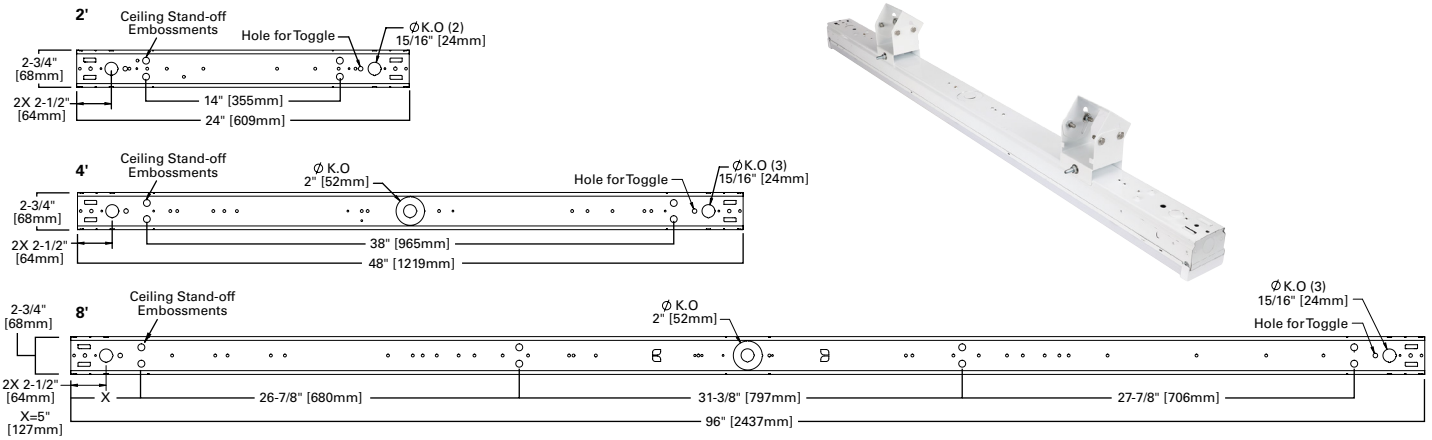

### End View - Square Lens




### End View - Flat Lens




## Dimensional and Mounting Details

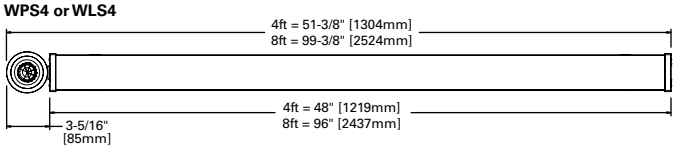



## Angle Bracket - ANGLBKT-SNX

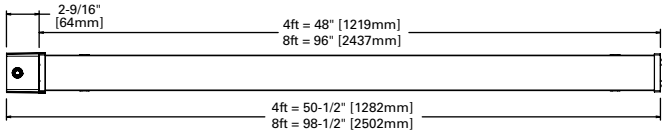


## Fixture Size with Sensor

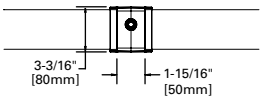
**WPS4 or WLS4**



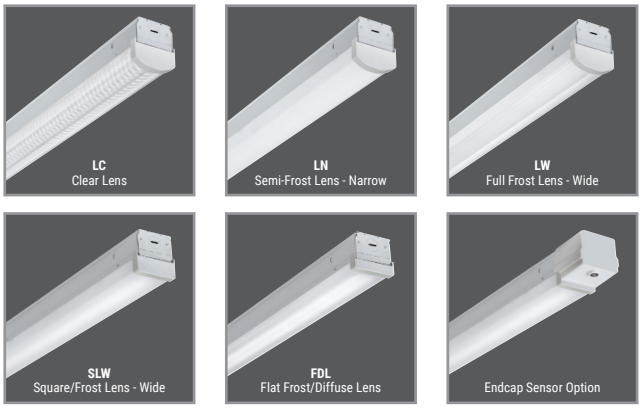

**WPS or WLS**



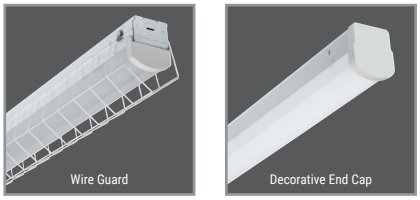

**Mid-Row Sensor**




## Options




## Accessories



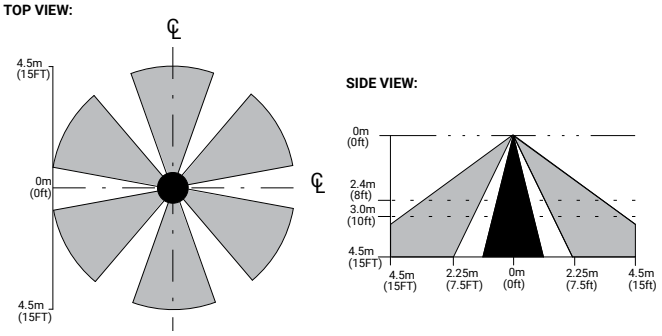
## Control Solutions

- WaveLinx LITE wireless
- WaveLinx PRO wireless
- WaveLinx CAT wired
- WaveLinx DALI wired

WaveLinx Digital Lighting Control Solutions

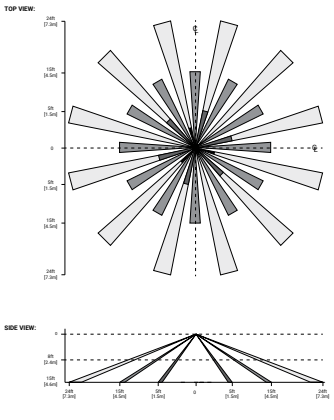
## Integrated Sensor Coverage Pattern

**WaveLinx PRO/LITE Sensor – WLS and WPS**

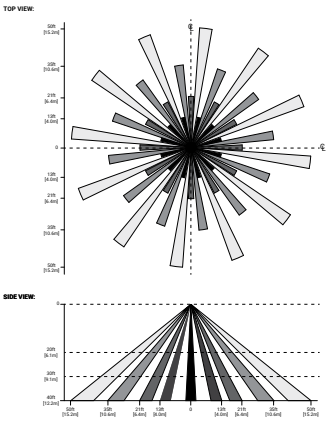



***Note**: Installation of integrated sensors within 3-ft (1m) of HVAC air vents is not recommended. The pattern shown is intended solely as a general guide and is not to scale.*

**WaveLinx PRO/LITE Sensor – WLS2 and WPS2**




**WaveLinx PRO/LITE Sensor – WLS4 and WPS4**




The SNX with WaveLinx offers no-hassle lighting control with multiple luminaire level control solutions.

**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.

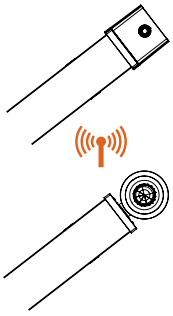
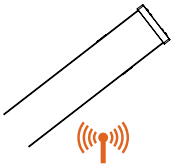
**WaveLinx PRO** is a Zigbee wireless solution that offers a rich portfolio of devices, WaveLinx PRO-enabled luminaires, and a mobile app and the WAC (WaveLinx Area Controller). It offers advanced energy savings and deep data integration to improve the occupant experience.

**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 | |
| WLS4-HB2 (WaveLinx LITE Sensor High Bay) | X | X | X | X | |

**Note**: The WNPS and WEM (**UL924** option) only available with WLS or WPS sensors. Must be specified when ordered. WEM must be associated with a group that includes a normal power sensing device to receive NPS beacon. Learn more about WaveLinx EM here.

| With Integrated WaveLinx Sensor | With Integrated WaveLinx Node |
|---|---|
|  |  |

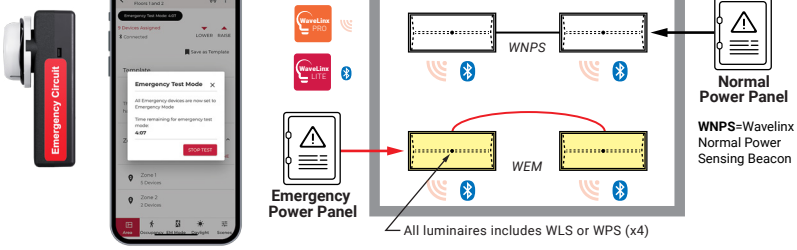
**Add a hidden WaveLinx Node (WPN, WLN) to your space lighting design!**

**To:**

- Keep luminaire aesthetics
- Connect fixtures without space for a sensor, such as downlights
- Connect sealed fixtures without a standard sensor option such as products for clinical space

### 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.



# Emergency Lighting

All buildings have to comply with emergency lighting codes to maintain their certificate of occupancy.
To enable this, Cooper Lighting Solutions has created multiple offerings to suit the building type and luminaire type.

## Options to Enable Emergency (Stand Alone)

| | Standard | Self-Diagnostic | FirstLink Connected ETO for Factory-Installed Only |
|---|---|---|---|
| **Metalux Recessed, HALO, APG, Outdoor**<br>Medium forward voltage LED arrays usually 20-60V DC | **Batteries**: EBPLEDL7W, EBPLEDL14W<br>**Inverters**: INVM-10W-AD | **Batteries**: EBPLED10WSD, EBPLED7.5WSD<br>**Inverters**: INVM-25W-ADSD, INVM-50W-ADSD | **Batteries**: EBPLEDL10SF, EBPLEDL6SF |
| **Metalux Industrial**<br>High forward voltage LED arrays usually 90-200V DC | **Batteries**: EBPLEDC1HV<br>**Inverters**: INVM-10W-AD, INVM-100W-AD | **Inverters**: INVM-25W-ADSD, INVM-50W-ADSD | |
| **How is emergency lighting inspection done?** | Turn breakers off<br>Walk around the building and collect compliance data. | No need to turn breakers off.<br>Walk around, look up and collect compliance data. | No need to turn breaker off, No walking around. Open the app, push a button, and collect compliance data. |

NOTE: 1. For factory installed First-Link EBP, order xSF option. Example: ETO_22CZ2-34HE-UNV-EBP10SF-L835-CD1-U (see Luminaire Order Info)
2. For factory installed standard EBP. Example: 22CZ2-34HE-UNV-EL7W-L835-CD1--U

## Connected Emergency Lighting

ETO via Factory-Installed Only

Use our Connected Emergency Lighting products (FirstLink) to reduce the cost of compliance.

FirstLink is a complete and fully code compliant connected emergency egress lighting system comprised of FirstLink enabled exit signs, unit equipment, emergency LED drivers and the FirstLink application. The monthly and annual tests can be scheduled to be performed on a cadence. And the FirstLink app easy, instant access to compliance information and your system status. Reports can be easily exported to prove the system compliance status is 100%.

### Compliance

- Avoid costly non-compliance fines
- Helps reduce risks and insurance premiums

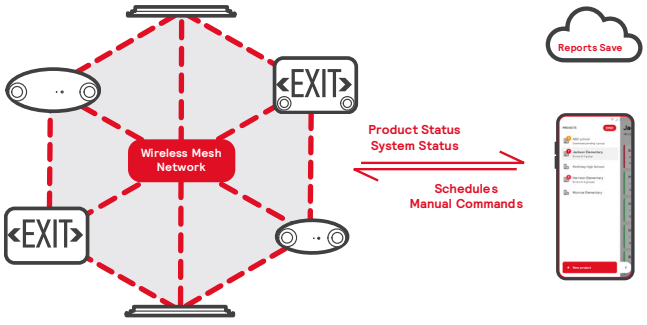
### Convenience

- No ladders
- No documentation
- No searching for reports during an inspection.

### Control

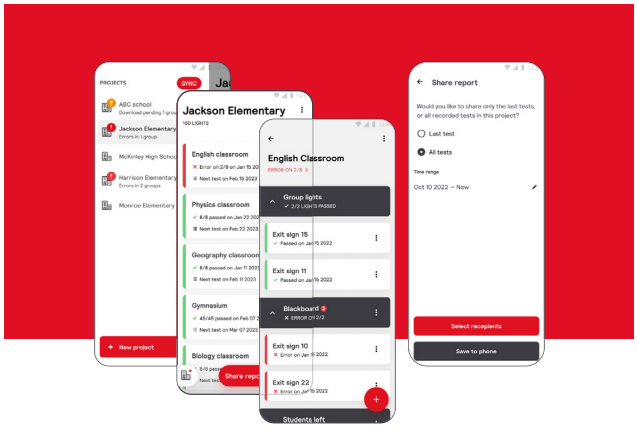
- Scheduling: Adjust the frequency and timing of testing.
- Troubleshooting: Receive complete product status information.
- Customization: Create custom groups and zones.

## How does FirstLink work?




FirstLink is a standalone wireless mesh network that connects all devices and ensures a reliable connection through the network, even during the loss of individual devices.

If the app can communicate with just one device, the status of all devices can be read. Once the status is downloaded, the data is uploaded and saved to the cloud.




## The FirstLink App

### Complete control is in your hands

The FirstLink app is your portal to the FirstLink system. This easy-to-navigate iOS and Android application gives you the ability to configure your system, view and export results, change testing schedules, and more.




**Cooper Lighting Solutions**
1121 Highway 74 South
Peachtree City, GA 30269
P: 770-486-4800
www.cooperlighting.com



© 2026 Cooper Lighting Solutions
All Rights Reserved.

Specifications and dimensions subject to change without notice.