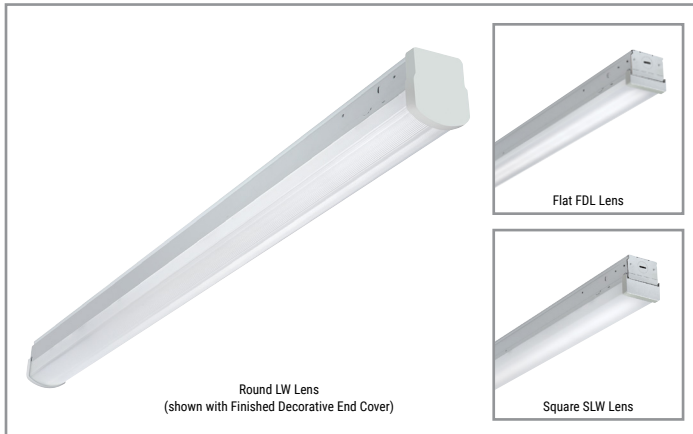


Project		Catalog #		Type	
Prepared by		Notes		Date	



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](#)
- Product Warranty

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 Buy American and other domestic preference requirements

Product Certification

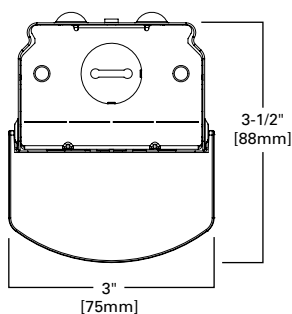


Product Features

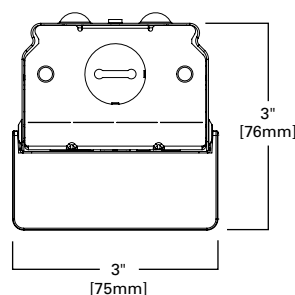


Dimensional Details

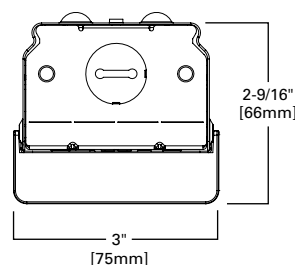
End View - Round Lens



End View - Square Lens

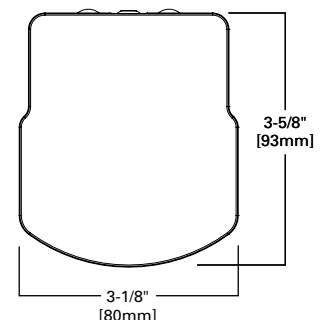


End View - Flat Lens



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 BAA=Buy American Act TAA=Trade Agreements Act	2=2 ft.	4=4 ft.	8T=8 ft.	SNX=Commercial LED Striplight ⁽²⁾

Standard Nominal Lumen Packages ⁽³⁾				
2 ft		4 ft		8 ft
SL3	SL3	60SL	SL3	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	Voltage ⁽⁴⁾	Color Temp / CCT	Drive Type ⁽⁷⁾	No. of Drivers
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	UNV=Universal Voltage 120-277 347=347V 480=480V ⁽⁹⁾	CCT Select ⁽⁶⁾ 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	CD=0-10V Dimming Driver (10%-100% Dimming) HCD=0-10V Dimming Driver (1%-100% Dimming) SD=Step-dim (Bi Level) 5LTD=5th Light (DALI) Driver ⁽⁸⁾	1=1 Driver 2=2 Drivers

Options		Knockouts	Paint Finish	Packaging
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⁾	Wiring ^{(14), (15)} PI=Wiring Plug-in Option ⁽²²⁾ CPI=Crossover Plug-in Option ⁽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	[Blank]=Clean Channel FKO=Full Side KOs	[Blank]=Standard White PAF=Painted after fab. (White) BLK=PAF Black ⁽¹⁷⁾ GRY=PAF Gray ⁽¹⁷⁾	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 =2 ft Wire Guard WG-SNX/SN-4FT-B =4 ft 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 ISHH-01 =Integrated SVPDx Sensor Programming Remote	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) Only product configurations with these designated prefixes are built to be compliant with the Buy American Act of 1933 (BAA) or Trade Agreements Act of 1979 (TAA), respectively. Please refer to [DOMESTIC PREFERENCES](#) website for more information. Components shipped separately may be separately analyzed 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 to be ordered in conjunction w/CCT Select. (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/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. (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 ZW end mount sensor or over any end mount fitting. (21) WLSx provided in separate enclosure. (22) For more information on PI/CPI options, refer to [022341_pi_tlvw.cooperlighting.com](#)

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) WaveLinX Lite devices are not currently compatible with the WaveLinX Wireless Area Controller. Consult WaveLinX Lite system pages for additional details and compatibility. (C) Consult SVPD series system pages for additional details and compatibility.

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, pendant or stem mount capable. See available mounting options.

Controls

- Standard with 0-10V dimming driver (10% standard, 1% optional)
- WaveLinx wireless sensor compatible for standalone, controlled, connected, and IoT capability
- SVPD sensor compatible for out-of-the-box functionality
- DALI 2.0 and step-dimming available
- Combine with energy-saving products like occupancy sensors, daylighting controls and lighting relay panels to maximize energy savings
- For motion control, reference sensor locations for both end and middle of the row applications

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

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

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)

WaveLinx Lite devices are not currently compatible with the WaveLinx Pro Wireless Area Controller

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

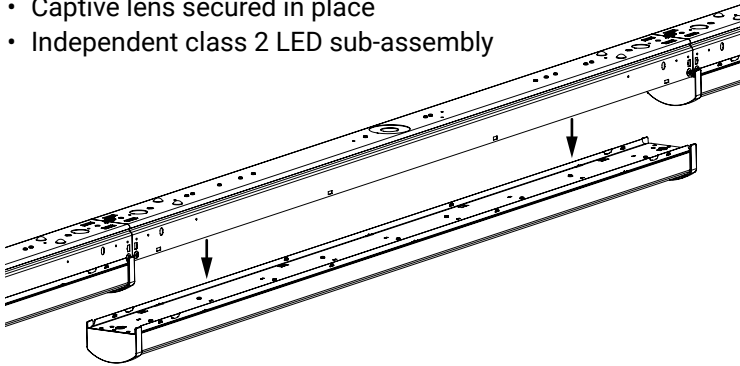
- cULus Listed for damp locations
- RoHS compliant
- Complies with IESNA LM-79 and LM-80 standards
- NEMA 410 compliant (drivers)
- State of California Title 24 high efficacy luminaire
- DesignLights Consortium® Qualified and classified for DLC Standard and DLC Premium (refer to www.designlights.org)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

Limited Warranty

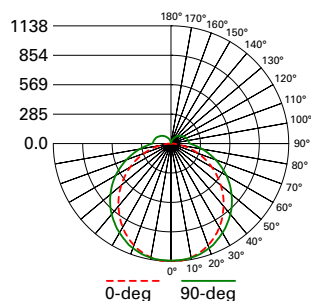
- Five year limited warranty

Captive Light Channel Assembly

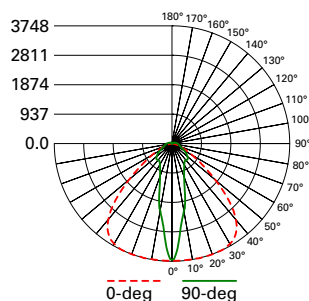
- Tool-less removal for easy install
- Captive lens secured in place
- Independent class 2 LED sub-assembly



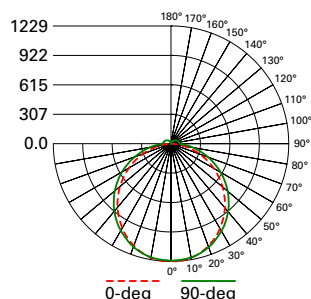
Photometric Data

 View IES files
**4SNX-41SL-LW-UNV-L850-CD1-U**

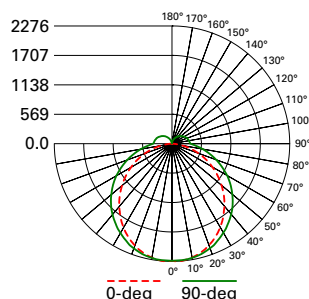
Electronic Driver
Linear LED 5000K
Spacing criterion: (II) 1.23 x mounting height, (⊥) 1.31 x mounting height
Lumens: 4027
Input Watts: 26.3W
Efficacy: 153 LPW
Test Report: 4SNX-41SL-LW-UNV-L850-CD.IES

**4SNX-41SL-LC-UNV-L850-CD1-U**

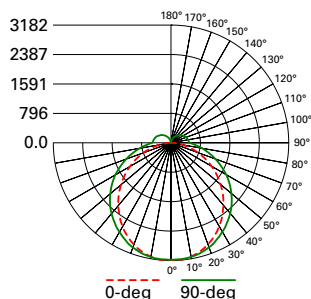
Electronic Driver
Linear LED 5000K
Spacing criterion: (II) 1.45 x mounting height, (⊥) 0.43 x mounting height
Lumens: 4557
Input Watts: 26.3W
Efficacy: 173 LPW
Test Report: 4SNX-41SL-LC-UNV-L850-CD.IES

**4SNX-41SL-FDL-UNV-L850-CD1-U**

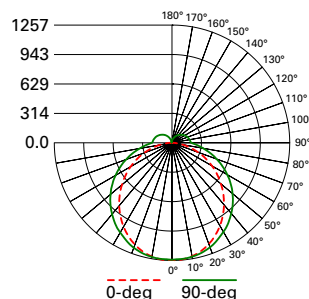
Electronic Driver
Linear LED 5000K
Spacing criterion: (II) 1.24 x mounting height, (⊥) 1.28 x mounting height
Lumens: 3877
Input Watts: 26.3W
Efficacy: 147 LPW
Test Report: 4SNX-41SL-FDL-UNV-L850-CD.IES

**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: 8TSNX-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: 8TSNX-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

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.

Shipping Data

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

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	6669	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
116	HL	12512	12090	10729	10619	10723	85.4	146.5	141.6	125.6	124.3	125.6

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	HL	13454	13000	11888	11767	11445	88.8	151.5	146.4	133.9	132.5	128.9
134	HL	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

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	1100	1099	6.9	6.6	6.7	148.7	166.7	164.0
			Med	2052	2199	2198	13.9	13.2	13.3	147.6	166.6	165.3
			High	3109	3332	3331	21.0	20.0	20.2	148.0	166.6	164.9
		4 ft.	Low	2296	2405	2341	16.7	16.1	16.9	137.5	149.4	138.5
			Med	4592	4811	4682	33.5	32.3	33.7	137.1	148.9	138.9
			High	6957	7289	7094	50.7	48.9	51.1	137.2	149.1	138.8
		8 ft.	Low	4592	4811	4682	33.5	32.3	33.7	137.1	148.9	138.9
			Med	9183	9621	9363	66.9	64.5	67.5	137.3	149.2	138.7
			High	13914	14578	14187	101.4	97.8	102.2	137.2	149.1	138.8
	90	2 ft.	Low	1026	1100	1099	6.9	6.6	6.7	148.7	166.7	164.0
			Med	2052	2199	2198	13.9	13.2	13.3	147.6	166.6	165.3
			High	2632	2820	2825	21.0	20.0	20.2	125.3	141.0	139.9
		4 ft.	Low	2296	2405	2341	16.7	16.1	16.9	137.5	149.4	138.5
			Med	4592	4811	4682	33.5	32.3	33.7	137.1	148.9	138.9
			High	5889	6169	6017	50.7	48.9	51.1	116.2	126.2	117.7
		8 ft.	Low	4592	4811	4682	33.5	32.3	33.7	137.1	148.9	138.9
			Med	9183	9621	9363	66.9	64.5	67.5	137.3	149.2	138.7
			High	11779	12338	12035	101.4	97.8	102.2	116.2	126.2	117.8

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	1062	1062	6.9	6.6	6.7	143.6	160.9	158.5
			Med	1983	2125	2124	11.2	11.2	11.2	177.1	189.7	189.6
			High	3004	3219	3218	21.0	20.0	20.2	143.0	161.0	159.3
		4 ft.	Low	2218	2324	2262	16.7	16.1	16.9	132.8	144.3	133.8
			Med	4437	4648	4524	33.5	32.3	33.7	132.4	143.9	134.2
			High	6722	7043	6854	50.7	48.9	51.1	132.6	144.0	134.1
		8 ft.	Low	4437	4648	4524	33.5	32.3	33.7	132.4	143.9	134.2
			Med	8873	9297	9047	66.9	64.5	67.5	132.6	144.1	134.0
			High	13444	14086	13708	101.4	97.8	102.2	132.6	144.0	134.1
	90	2 ft.	Low	839	899	901	6.9	6.6	6.7	121.6	136.2	134.5
			Med	1678	1799	1802	11.2	11.2	11.2	149.8	160.6	160.9
			High	2543	2725	2730	21.0	20.0	20.2	121.1	136.3	135.1
		4 ft.	Low	1878	1967	1919	16.7	16.1	16.9	112.5	122.2	113.6
			Med	3756	3934	3837	33.5	32.3	33.7	112.1	121.8	113.9
			High	5691	5961	5814	50.7	48.9	51.1	112.2	121.9	113.8
		8 ft.	Low	3756	3934	3838	33.5	32.3	33.7	112.1	121.8	113.9
			Med	7511	7869	7675	66.9	64.5	67.5	112.3	122.0	113.7
			High	11381	11922	11629	101.4	97.8	102.2	112.2	121.9	113.8

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	972	971	6.9	6.6	6.7	131.4	147.3	144.9
			Med	1813	1943	1942	11.2	11.2	11.2	161.9	173.5	173.4
			High	2747	2944	2943	21.0	20.0	20.2	130.8	147.2	145.7
		4 ft.	Low	2029	2125	2068	16.7	16.1	16.9	121.5	132.0	122.4
			Med	4057	4250	4137	33.5	32.3	33.7	121.1	131.6	122.8
			High	6147	6440	6268	50.7	48.9	51.1	121.2	131.7	122.7
		8 ft.	Low	4057	4251	4137	33.5	32.3	33.7	121.1	131.6	122.8
			Med	8114	8501	8274	66.9	64.5	67.5	121.3	131.8	122.6
			High	12294	12881	12536	101.4	97.8	102.2	121.2	131.7	122.7
	90	2 ft.	Low	768	822	824	6.9	6.6	6.7	111.3	124.5	123.0
			Med	1535	1645	1648	11.2	11.2	11.2	137.1	146.9	147.1
			High	2326	2492	2497	21.0	20.0	20.2	110.8	124.6	123.6
		4 ft.	Low	1717	1799	1755	16.7	16.1	16.9	102.8	111.7	103.8
			Med	3435	3598	3509	33.5	32.3	33.7	102.5	111.4	104.1
			High	5204	5451	5317	50.7	48.9	51.1	102.6	111.5	104.1
		8 ft.	Low	3435	3598	3509	33.5	32.3	33.7	102.5	111.4	104.1
			Med	6869	7195	7018	66.9	64.5	67.5	102.7	111.6	104.0
			High	10408	10902	10634	101.4	97.8	102.2	102.6	111.5	104.1

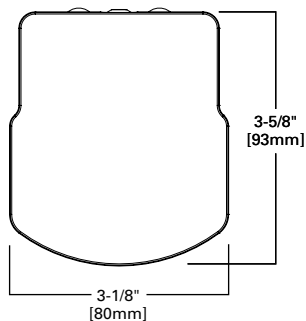
Energy and Performance Data - Selectable Output

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	897	962	961	6.9	6.6	6.7	130.0	145.8	143.4
			Med	1795	1923	1923	11.2	11.2	11.2	160.3	171.7	171.7
			High	2719	2914	2913	21.0	20.0	20.2	129.5	145.7	144.2
		4 ft.	Low	2008	2104	2047	16.7	16.1	16.9	120.2	130.7	121.1
			Med	4015	4208	4095	33.5	32.3	33.7	119.9	130.3	121.5
			High	6084	6375	6204	50.7	48.9	51.1	120.0	130.4	121.4
		8 ft.	Low	4016	4208	4095	33.5	32.3	33.7	119.9	130.3	121.5
			Med	8032	8415	8189	66.9	64.5	67.5	120.1	130.5	121.3
			High	12169	12750	12408	101.4	97.8	102.2	120.0	130.4	121.4
	90	2 ft.	Low	760	814	815	6.9	6.6	6.7	110.1	123.3	121.6
			Med	1519	1628	1631	11.2	11.2	11.2	135.6	145.4	145.6
			High	2302	2466	2471	21.0	20.0	20.2	109.6	123.3	122.3
		4 ft.	Low	1700	1780	1737	16.7	16.1	16.9	101.8	110.6	102.8
			Med	3400	3561	3474	33.5	32.3	33.7	101.5	110.2	103.1
			High	5151	5395	5263	50.7	48.9	51.1	101.6	110.3	103.0
		8 ft.	Low	3400	3561	3474	33.5	32.3	33.7	101.5	110.2	103.1
			Med	6799	7122	6947	66.9	64.5	67.5	101.6	110.4	102.9
			High	10302	10791	10526	101.4	97.8	102.2	101.6	110.3	103.0

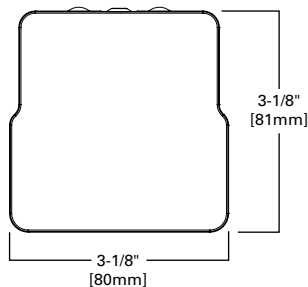
Lens Type	CRI	Length	Lumen Select	Delivered Lumens			Wattage			Efficacy		
			CCT Select	3500K	4000K	5000K	3500K	4000K	5000K	3500K	4000K	5000K
FDL	80	2 ft.	Low	873	935	935	6.9	6.6	6.7	126.5	141.7	139.6
			Med	1746	1870	1870	11.2	11.2	11.2	155.9	167.0	167.0
			High	2645	2834	2833	21.0	20.0	20.2	126.0	141.7	140.2
		4 ft.	Low	1953	2046	1992	16.7	16.1	16.9	116.9	127.1	117.9
			Med	3906	4093	3983	33.5	32.3	33.7	116.6	126.7	118.2
			High	5918	6201	6035	50.7	48.9	51.1	116.7	126.8	118.1
		8 ft.	Low	3906	4093	3983	33.5	32.3	33.7	116.6	126.7	118.2
			Med	7812	8185	7966	66.9	64.5	67.5	116.8	126.9	118.0
			High	11836	12402	12069	101.4	97.8	102.2	116.7	126.8	118.1
	90	2 ft.	Low	739	792	793	6.9	6.6	6.7	107.1	120.0	118.4
			Med	1478	1583	1587	11.2	11.2	11.2	132.0	141.3	141.7
			High	2239	2399	2404	21.0	20.0	20.2	106.6	120.0	119.0
		4 ft.	Low	1653	1732	1689	16.7	16.1	16.9	99.0	107.6	99.9
			Med	3307	3464	3379	33.5	32.3	33.7	98.7	107.2	100.3
			High	5010	5248	5119	50.7	48.9	51.1	98.8	107.3	100.2
		8 ft.	Low	3307	3464	3379	33.5	32.3	33.7	98.7	107.2	100.3
			Med	6613	6927	6757	66.9	64.5	67.5	98.8	107.4	100.1
			High	10020	10496	10238	101.4	97.8	102.2	98.8	107.3	100.2

Finished Decorative End Covers

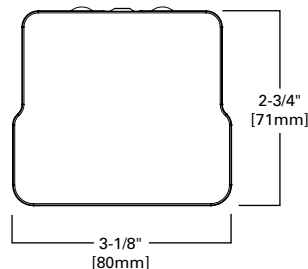
End View - Round Lens



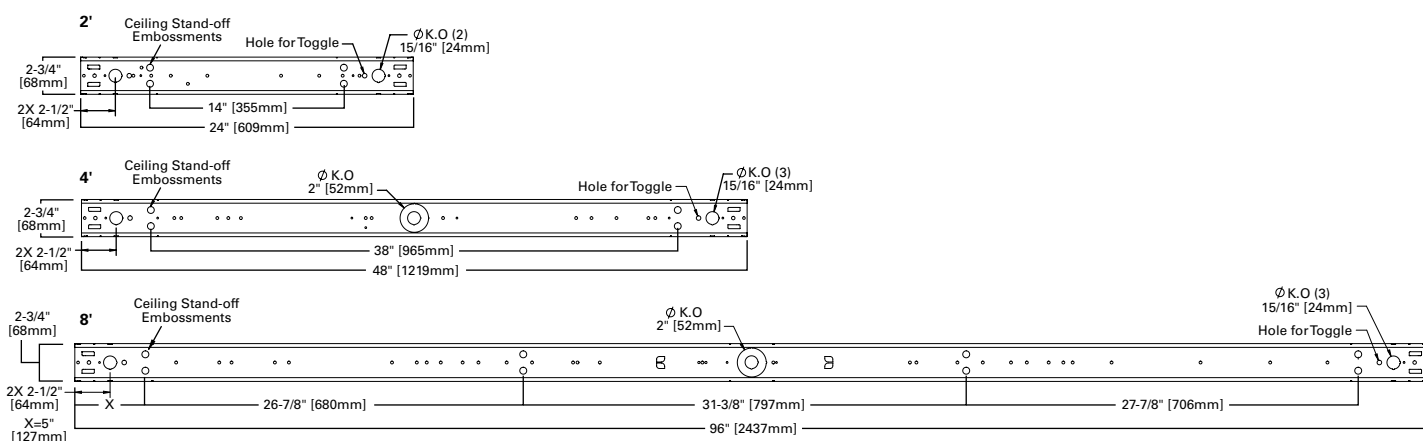
End View - Square Lens



End View - Flat Lens

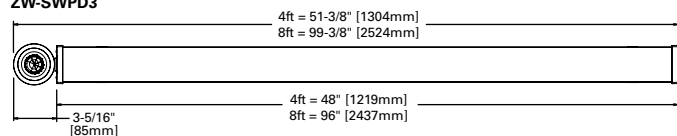


Dimensional and Mounting Details

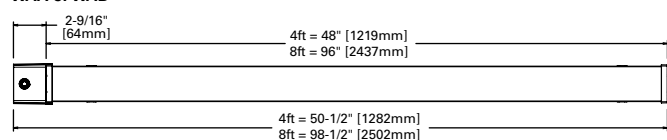


Fixture Size with Sensor

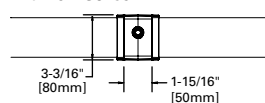
ZW-SWPD3



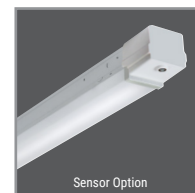
WAA or WAB



Mid-Row Sensor



Options



Accessories

