ARCHIPELAGO LIGHTING GROUP

LIGHTING | REINVENTED

lampar ARCH

LLSN | Vanguard

Product Data Sheet

COMMERCIAL-GRADE

LED Industrial Strips | PRO-tier

2FT | 4FT | 8FT

WATT 3-WAY SELECTABLE

CCT 3-WAY SELECTABLE

BLUE ARCH ENABLED

Applications

- **Office Space**
- **School**
- **Hospitals**
- **Commercial Buildings**

Product Overview

The LLSN Vanguard-Series is designed with beauty and brains. Fit it with the dome lens for industrial low-bay applications or pair it with quadrilateral lens for proprietary optics that deliver maximum lumens and conceals the LED light source for architectural linear applications.

Designed with 3-way switchable power and 3-way CCT using dip-switches to choose between 9-variations for use in offices, schools, hospitalities and other indoor spaces.

Featuring seamless light distribution with prismatic acrylic lens that is superior to competing strip fixtures, the LLSN-series is a time-saving and cost-effective alternative to full fixture replacement.

ARCHIPELAGO luminaires and LED components has been tested by independent laboratory in accordance to IESNA LM79 and LM80. LED color temperature is warrantied to shift no more than 180K over the standard warranty period. Furthermore, the range of Correlated Color Temperature follows the guidelines of the American National Standard for Specifications for the Chromaticity of Solid State Lighting (SSL) Products, ANSI C78.377-2017.

Main Features

- All-in-One Lighting Solution for Linear Strip
- Industry's Fastest Strip Installation in Minutes
- Steel Housing and Equipped w/ Heat Resistant Frosted Lens
- Universal Fit to Standard 4.25"/5.25" T8/T12 Fluorescent Strips
- Traditional Design is Suitable for Small Space Such as Stairwell
- Selectable Wattage and CCT Through Driver-Based Dip-Switches
- Easy Installation w/ Lay-In Ready and Built-In Seismic Hooks
- Microchip Programed Light-Engine for Consistent CCT
- High-Density LED Chips for Uniform Light Output
- 7-Year, 75,000Hr Warranty
- UL Damp Location Listed
- DLC Standard Listed

Product Warranty*

7-Year Warranty

75,000 Hrs

* Standard warranty. Extended warranty available.

Project Details

Project Name:

Fixture Schedule:

Project Number:

Notes:

Model Specifications

Model	Length (FT)	WATTselect (W)	Lumens (LM)	Voltage (V)	CCTselect
LLSN-2FT	2FT	10W / 15W / 24W /	1,300LM / 1,950LM / 3,120LM /	120-277V	3500K / 4000K / 5000K /
LLSN-4FT	4FT	24W / 32W / 40W /	3,120LM / 4,160LM / 5,200LM /		
LLSN-8FT	8FT	40W / 52W / 64W /	5,200LM / 6,760LM / 8,320LM /		
		64W / 75W / 90W /	8,320LM / 9,750LM / 11,700LM /		

Key Specifications

- **LED Chip:** Seoul 3528, LM80, IP-Protected
- **Lightweight Frame:** 6063 Aluminum
- **Operating Temp:** -4°F — 122°F
- **IP:** IP40 Indoor Damp Location
- **Input Voltage:** 120-277V
- **PF:** >0.9 Non-Flicker
- **Efficacy:** 130LM/W
- **Dimming:** 0-10V
- **THD:** <15%
- **CRI:** >80

Certifications

Ordering Guide

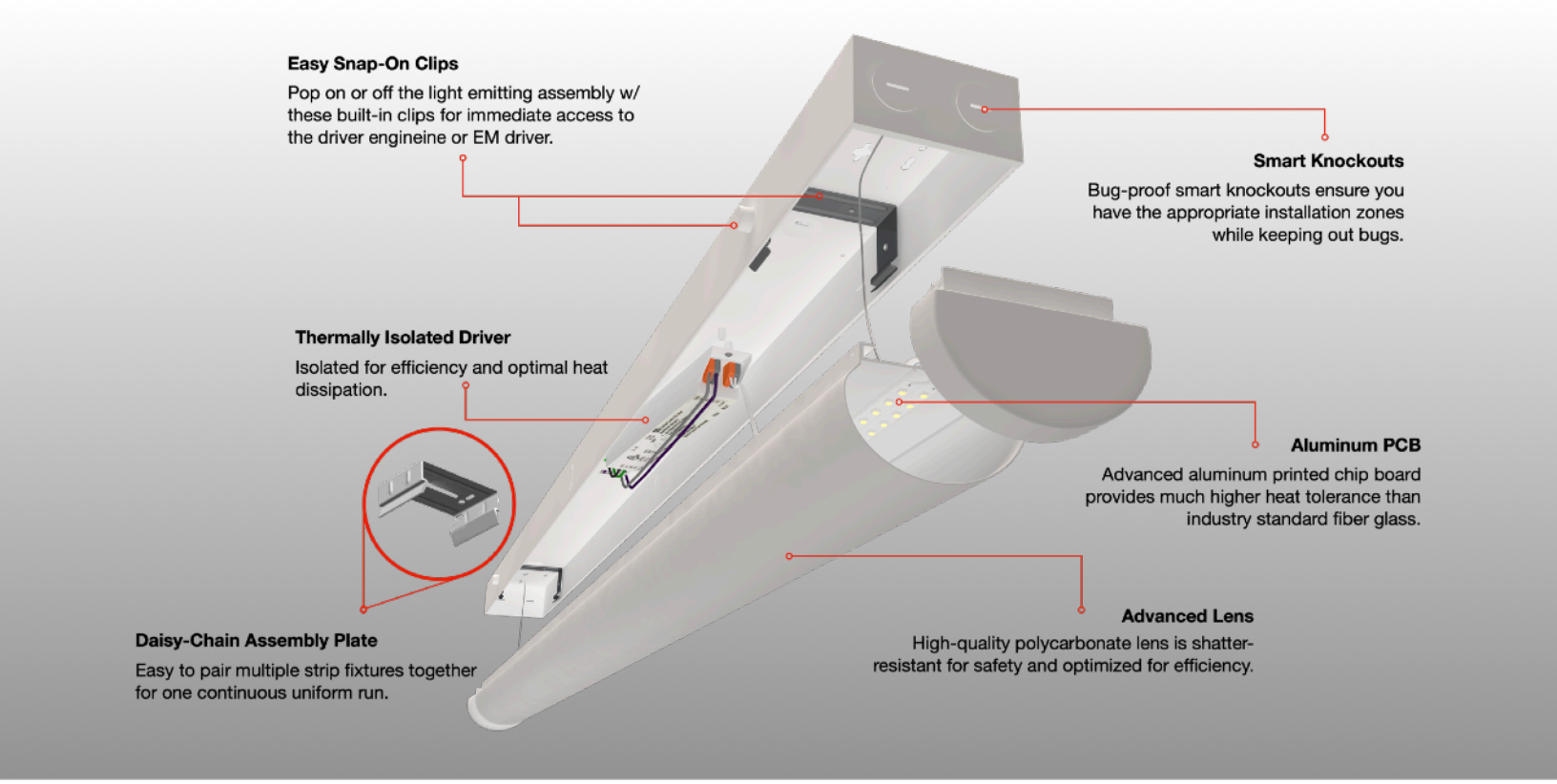
Model Series	WATTselect (W)	Length (FT)	CCTselect (K)	Performance	Option Codes
LLSN LED Linear Strip	**3W** | 10W / 15W / 24W	**-2** | **2**FT	**XX** | CCTselect: 3500K 4000K 5000K	**-H** | High Efficacy	**Blank** | None **/EM08** | 8W **/MSM** | Microwave Sensor **/Vplate** | Daisy-Chain **/VJBP** | J-Box Plate
	3W | 24W / 32W / 40W	**-4** | 4FT			
	3W | 40W / 52W / 64W	**-8** | 8FT			
	3W | 64W / 75W / 90W			**-HM** | High Performance Max	

Ordering number example:

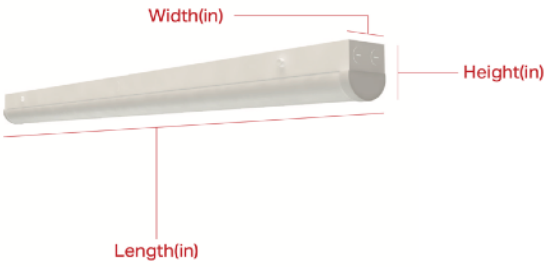
LLSN3W-4XX-H/EM08
Please place dashes (-) in correct order.

Choose your model specifications:

LLSN			S3	H	
Model Series	Watt	Length	CCTselect	Performance	Option



Sizing & Measurements



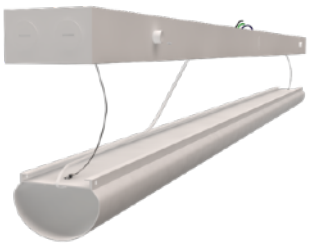
Model Series	Length (in)	Width	Height (in)	Weight (lb)
LLSN-2FT	23.97	2.95	3.26	2.40
LLSN-4FT	48.03	2.95	3.26	3.75
LLSN-8FT	95.98	2.95	3.26	7.2

DLC Model Guide

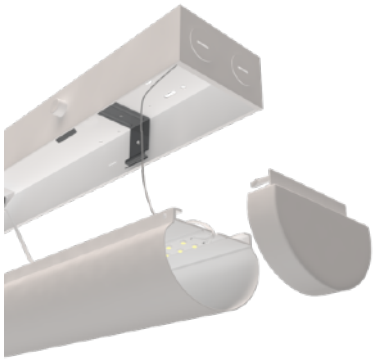
Product ID	Length	DLC	Watt	Lumen	Efficacy	THD	PF	CCT	CRI	Voltage
S-SIPQA3	2FT	Standard	20	2,695	132.1	13.7	0.9	3500	82	120 - 277Vac
S-TP20L3	4FT	Premium	40	5,421	134.1	10.1	0.9	3500	82	120 - 277Vac
S-1CMLRV	8FT	Premium	64	8,548	134.4	11.4	0.9	3500	82	120 - 277Vac

Upgrade, Easily

Suspension Mount

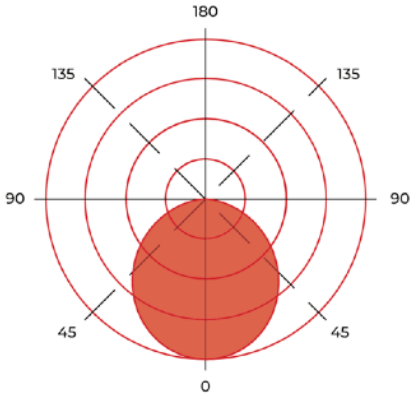


Surface Mount



Daisy-Chained

Photometric



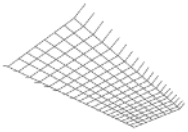
General

Beam Angle: 90°
Spacing Criterion: 1.10

blueⒶRCH enⒶBLED

SIG-qualified Bluetooth Mesh lighting control solution. Technology by SILVAIR.

Compatible Accessories

Category	Model No.	Sub-Assembly & Compatible Controllers
480V Stepdown Transformer	SDT-HTO/325	
EM Driver	EM08-CMB/48 *2FT, 4FT Compliant* EM08-CMB/150 *8FT Compliant*	
Mount / J-Box Plate	LLSN-V/JBP	
Mount / Daisy-Connect Plate	LLSN-V/Plate	
Sensor / NLC Compliant Sensor	MSM-HTI/126/NLC	blueⒶRCH™ Controls *Technology by SILVAIR*
Sensor / Bi-Level Sensor	MSM-HTI/126/BLS	RM-HT/05S *Controller*
Wire / Cord Extended Length / 6FT	91603 92056 92065	
Wire / Electrical Whip		
Wire / Plug / NEMA L7-15P		
Wire Guard	 LLSN-V/WG2 LLSN-V/WG4 LLSN-V/WG8	