



**ARCHIPELAGO**  
LIGHTING GROUP

LIGHTING | REINVENTED

lampar<sup>ARCH</sup>

# LLSN | Hallmark <sup>PRO+</sup>

Product Data Sheet



COMMERCIAL-GRADE

## Advanced LED Industrial Strips

2FT | 4FT | 8FT



### Product Overview

**INTENDED USE** — The LLSN Hallmark-Series blends style with functionality seamlessly. You can utilize the dome lens for industrial low-bay environments, the quadrilateral lens for maximum lumens and subtle LED illumination in low-bay linear areas, the wide diffused lens for uniform light distribution, or pair it with reflectors when using the dome lens for enhanced light management.

Designed for offices, schools, hospitality, and other indoor spaces, with 4-way switchable power and 4-way CCT options using dip-switches for choosing from 16 variations.

**CONSTRUCTION** — The channel and cover are constructed of cold-rolled steel, while the housing and lens endcaps are made of injection-molded plastic, improving the architectural appearance. The endcap houses a sensor-ready port for when additional occupancy controls are required.

**OPTICS** — Available with acrylic lenses in various configurations. Offers a selection of optical distributions, such as wide, narrow, and aisle options.

**ELECTRICAL** — Harness the power of high-output LEDs housed in a two-layer circuit board to ensure effective and cool performance. Plus, the optional internal pluggable wiring system can reduce labor expenses in row mounting applications. The electronic LED driver features multi-voltage input and adheres to the 0-10V dimming standard. This fixture is engineered to endure a maximum line surge of 2.5kV at 0.75kA combination wave for indoor settings. For applications necessitating enhanced protection levels, supplementary surge protection measures should be implemented.

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.

### Applications



Office Space



School



Hospitals



Commercial Buildings

### Main Features

- All-in-One Lighting Solution for Low-Bay, Aisle Lighter, Narrow Bay
- 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 Programmed Light-Engine for Consistent CCT
- High-Density LED Chips for Uniform Light Output
- 7-Year, 75,000Hr Warranty
- ETL Damp Location Listed
- DLC Standard Listed

### Product Warranty\*



7-Year Warranty



75,000 Hrs

\* Standard warranty. Extended warranty available.

Archipelago Lighting, Inc.

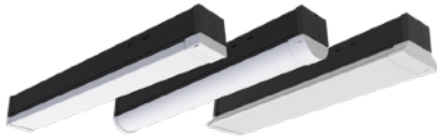
| **Headquarter:** 4615 State Street, Montclair, CA 91763

| **USA Production:** 9345 Sycamore Canyon Blvd, Riverside, CA 92508

Contact Us

[www.archipelagolighting.com](http://www.archipelagolighting.com)

+1 (866) 912-3220



Housing also available in black

## Project Details






Project Name:

Fixture Schedule:

Project Number:

Notes:

## Highlights

Features		Description
4-WATTselect		Wattage selectable: 4-way dip-switch
4-CCTselect		CCT selectable: 4-way dip-switch
blue <i>ARCH</i> ™ Controls		SIG-qualified Bluetooth Mesh lighting control solution. Technology by Silvar.
High Performance		At 8FT, up to 100W
Standard Extended Warranty		Up to 7-Year, 75,000 Hrs

## 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



## Model Specifications

Model	Length (FT)	WATTselect (W)	Lumens (LM)	CCTselect	Voltage (V)
LLSN2	2FT	20W / 25W / 30W / 35W /	2,500LM / 3,125LM / 3,750LM / 4,375LM /	3000K / 3500K / 4000K / 5000K /	120-277V
LLSN4	4FT	35W / 40W / 45W / 50W /	4,375LM / 5,000LM / 5,625LM / 6,250LM /		
LLSN8	8FT	40W / 60W / 80W / 100W /	5,000LM / 7,500LM / 10,000LM / 12,500LM /		

### Archipelago Lighting, Inc.

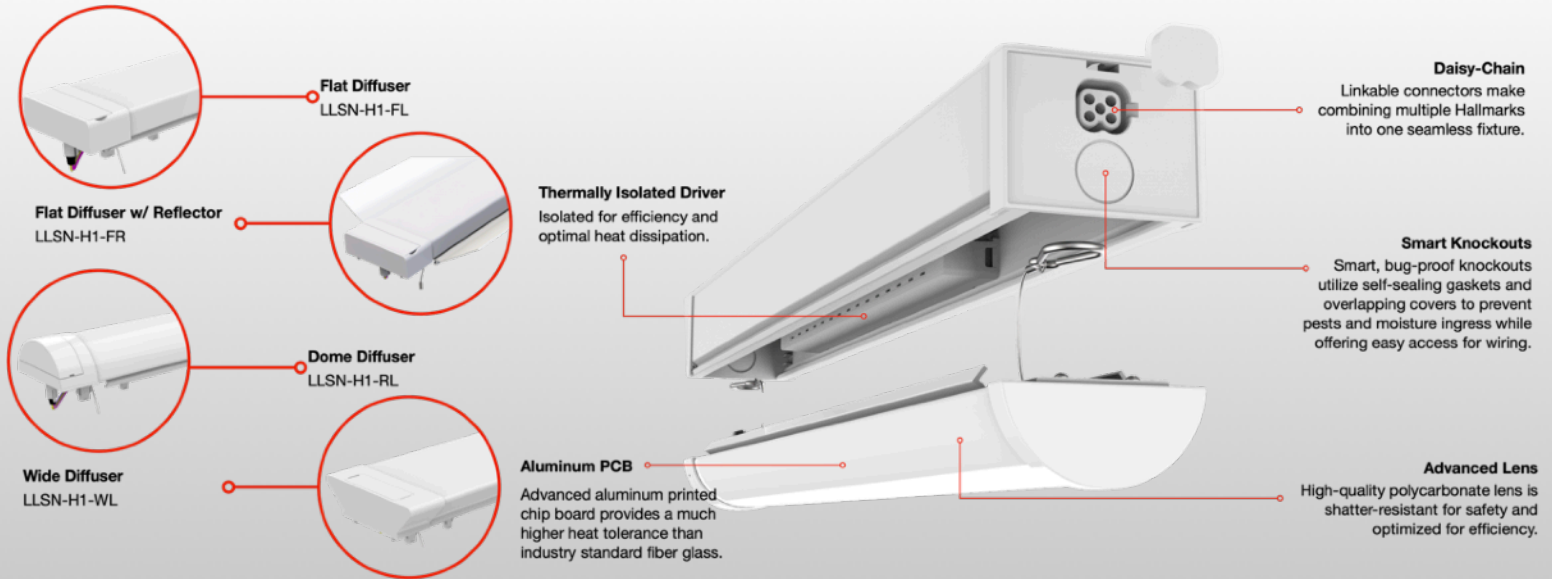
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## Ordering Guide

Model Series	Length (FT)	WATTselect (W)	CCTselect (K)	Lens <sup>1</sup>	Finish
LLSN LED Industrial Linear Strip	2   2FT	-2035   20W / 25W / 30W / 35W	CS   CCTselect: 3000K 3500K 4000K 5000K	/RL   Round Lens /FL   Flat Lens /WL   Wide Lens /FR   Flat Lens with Reflector	Blank   White /B   Black
	4   4FT	-3550   35W / 40W / 45W / 50W			
	8   8FT	-40100   40W / 60W / 80W / 100W			

### Optional Accessories

(1) EM Driver	(2) Sensors	(3) Daisy Chain	(4) Mounts	(5) Junction Plate
/EM08   8W	/MSM   Microwave Sensor /MSP   PIR Sensor	/DCP   Daisy-Chain Plate	/MAC   Aircraft Suspension Kit <sup>2</sup>	/MJP   Mount Junction Plate

2. Aircraft Suspension Kit is standard. It is only required if an extra set is necessary.

### Ordering number example:

### Choose your model specifications:

LLSN2-2035CS/WL2/EM08/ MSM/DCP/MJP	LLSN	2	-2035	CS	WL2	—	/EM08	/MSM	/DCP		/MJP
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Please place dashes (-) in correct order.

Model Series   Length   WATTselect   CCTselect   Lens   Finish   EM Driver   Sensors   Daisy-Chain   Mounts   Junction

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Sizing & Measurements

Model Series	Length (in)	Width	Height (in)	Weight (lb)	Measurements
LLSN2-2035CS/RL	23.6	2.9	3.5	2.40	
LLSN2-2035CS/FL	23.6	2.9	3.0	2.40	
LLSN2-2035CS/WL	23.6	4.4	3.4	2.40	
LLSN2-2035CS/FR	23.6	6.7	3.4	3.00	
LLSN4-3550CS/RL	47.2	2.9	3.5	3.75	
LLSN4-3550CS/FL	47.2	2.9	3.0	3.75	
LLSN4-3550CS/WL	47.2	4.4	3.4	3.75	
LLSN4-3550CS/FR	47.2	6.7	3.4	4.75	
LLSN8-40100CS/RL	94.5	2.9	3.5	7.20	
LLSN8-40100CS/FL	94.5	2.9	3.0	7.20	
LLSN8-40100CS/WL	94.5	4.4	3.4	7.20	
LLSN8-40100CS/FR	94.5	6.7	3.4	9.20	

DLC Model Guide

Product ID	Length	DLC	Watt	Lumen	Efficacy	THD	PF	CCT	CRI	Voltage
	2FT		20	2,500LM			0.9	30   35   40   50K		120 - 277Vac
	4FT		25	3,125LM			0.9	30   35   40   50K		120 - 277Vac
	8FT		30	3,750LM			0.9	30   35   40   50K		120 - 277Vac
	2FT		35	4,375LM			0.9	30   35   40   50K		
	4FT		35	4,375LM			0.9	30   35   40   50K		
	8FT		40	5,000LM			0.9	30   35   40   50K		
	2FT		45	5,625LM			0.9	30   35   40   50K		
	4FT		50	6,250LM			0.9	30   35   40   50K		
	8FT		40	5,000LM			0.9	30   35   40   50K		
	2FT		60	7,500LM			0.9	30   35   40   50K		
	4FT		80	10,000LM			0.9	30   35   40   50K		
	8FT		100	12,500LM			0.9	30   35   40   50K		

## Install, Easily

Suspension Mount



Surface Mount



Joiner Bracket



J-Box Plate

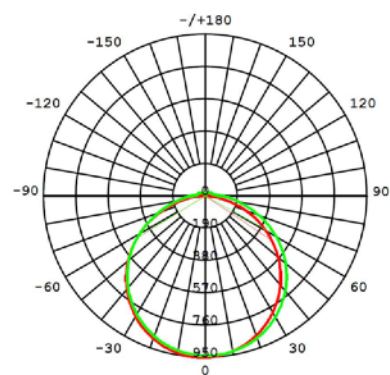


Quick-Connect for Seamless Connection



Reserved Sensor-Ready Port

## Photometric

















blueARCH → enABLED



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



## Compatible Accessories

Category	Model No.				Sub-Assembly & Compatible Controllers
EM Driver		EM08-MT/150DC 2FT, 4FT, 8FT Compliant			
Mount / Aircraft Suspension Kit		LLSN-H1/MAC			
Mount / Angel Knockout					
Mount / Angel V Bracket		Available in Forward Mount (VFM) and Side Mount (VSM)			
Mount / Y-Toggle End Fixing					
Mount / J-Box Plate		LLSN-H1/MJP			
Mount / Joiner Bracket		LLSN-H1/DCP			
Optics / Flat		LLSN-H1/FL2	LLSN-H1/FL4	LLSN-H1/FL8	
Optics / Flat + Reflectors		LLSN-H1/FR2	LLSN-H1/FR4	LLSN-H1/FR8	
Optics / Round (Dome)		LLSN-H1/RL2	LLSN-H1/RL4	LLSN-H1/RL8	
Optics / Wide		LLSN-H1/WL2	LLSN-H1/WL4	LLSN-H1/WL8	
Sensor / Bi-Level Sensor		MSM-HTI/08P1/BLS MSM-HTI/08P1/NLC MSP-HTI/08P1/BLS MSP-HTI/08P1/NLC			<div>blueARCH™ Controls Technology by SILVAIR</div> <div>RM-HT/06S Controller</div> <div></div>