

## LSR

### LED Strip Plug and Play Retrofit Kit



STANDARD

OPTIONAL



## PRODUCT SPECIFICATIONS

### DESCRIPTION

The LSR Series is a plug and play LED strip retrofit kit that is designed to modify existing strips into high efficiency LED options. It is designed to save time and energy by upgrading fixtures, rather than replacing them.

### APPLICATIONS

The LSR is perfect for converting existing fixtures for use in commercial applications, offices, government facilities, schools, an public areas.

### CONSTRUCTION

The fixture is constructed of heavy gauge steel, and designed to retrofit into any existing 4' or 8' strip. Designed for a standard 4.25" wide strip, with a 5" wide strip option available (see options).

### OPTICAL SYSTEM

White polyester polymer finish with a minimum 93% reflectivity.

### ELECTRICAL SYSTEM

Electronic driver 0-10V, 1% and 10% dimming standard. For outputs SL and ML, 0-10V 10% dimming driver (no dim to off) is standard. For outputs HL-HH, 0-10V 1% dim to off dimming driver standard. Long-life LED system rated for >100K hours (L70 @ 25°C). Complies with federal energy efficiency standards.

### MOUNTING

The fixture can be retrofit into a strip that is surface or suspension mounted.

### LISTINGS

UL and cUL Listed. Damp location rated.

### WARRANTY

5-Year Limited Warranty. Complete warranty and terms located at [www.aelnow.com/warranty](http://www.aelnow.com/warranty).

## ORDERING INFORMATION

Example: LSR440MM

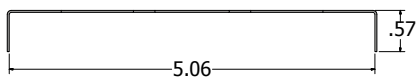
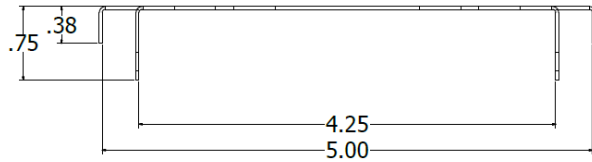
SERIES	SERIES	CCT	OUTPUT	VOLTAGE	DRIVER OPTIONS	OPTIONS
LSR	4 4 Foot	30 3000K	SL Standard Low	M Multi-Volt (120-277VAC)	BLANK* 0-10V Dimming Driver (included standard)	5 5-inch Channel SBWG4 Wire Guard (4-Foot) UNV Universal Mount (4.25" and 5") VDO Lutron Vive Integral fixture control (RF with daylight and occupancy sensing) FCJSO Lutron Vive attached fixture control (RF only for 0-10V drivers)
	8 8 Foot	35 3500K	ML Medium Low		CD1 0-10V 1% to Off Dimming Driver	
		40 4000K	HL High Low		CD5 0-10V 5% to Off Dimming Driver	
		50 5000K	SM Standard Medium		EDN Electronic Driver Non-Dimming	
			MM Medium Medium		FLDD Fifth Light Dali, Dimming	
			HM High Medium		LDE1 Lutron Hi-lume 1% EcoSystem LED driver with Soft-on, Fade-to-Black dimming technology	
			SH Standard High		LDE5 Lutron LDE5 5-Series Ecosystem 5% Dimming	
			MH Medium High		PSQ02U Lutron T-Series 1% 2-Channel Tunable White	
			HH High High			

\*0-10V 10% dimming driver (no dim to off) standard with SL-ML outputs. (4650 - 7974 lumens)

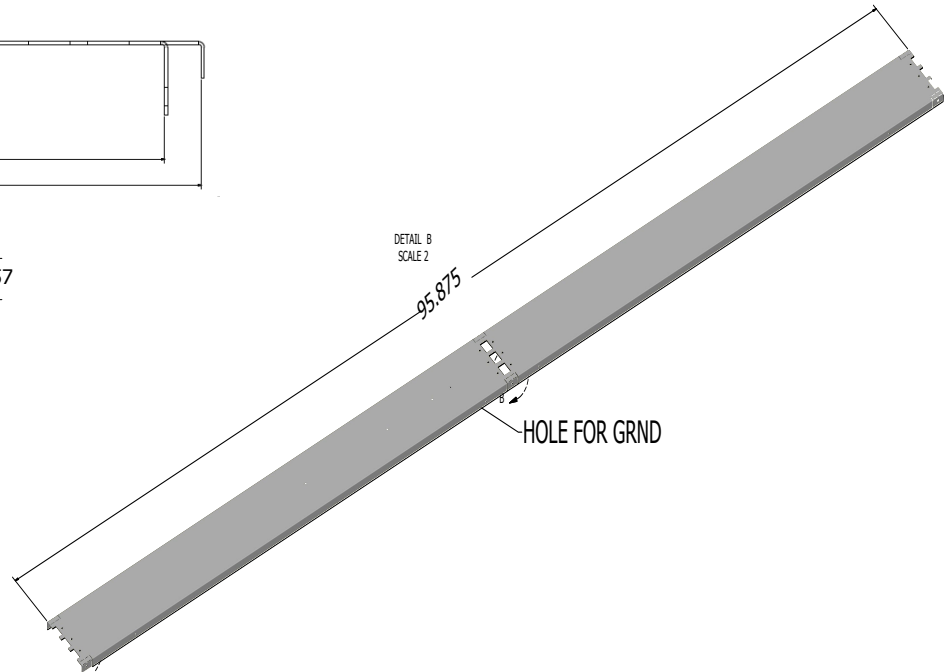
\*0-10V 1% to off dimming driver standard with HL- HH outputs. (11150 - 25000 lumens)

Output	Delivered Lumens	System Wattage	L70 @20C (hrs)
SL	4650	33	>100K
ML	7974	57	>100K
HL	11150	80	>100K
SM	12040	86	>100K
MM	13016	93	>100K
HM	15728	112	>100K
SH	16500	118	>100K
MH	20000	143	>100K
HH	25000	179	>100K

Approximate Color Temperature Multiplier	
5000K	1.03
4000K	1
3500K	0.97
3000K	0.94
2700K	0.91



**Tabs to be bent in field on pre-fabricated perforations to fit 4.25" or 5" existing strip channels can be used for an 8' application or 8' units available.**



### ENERGY AND PERFORMANCE DATA

Input Voltage	120/277VAC
System Input Power	33 - 179 Watts*
Delivered Lumen Output	4650 - 25000 Lumens
Standard Dimming Control	0-10V
CCT	3000, 3500, 4000, 5000 Kelvin
CRI	82 (minimum)
Life Time Rating	100,000 hrs @ L70
Input Frequency	50/60 Hz
Power Factor	>0.9
Operating Temp	30° to 50° C

\*Actual wattage may differ by ±5% while operating 120/277V ±10%