

LineLED HP | High Performance linear LED strip - 24V



LineLED High Performance is a premium flexible LED strip designed with on-board constant current driver that delivers consistent light output for long runs. LineLED HP has virtually the same lumen output from the first to the last LED. The constant current on-board driver and the double layer PCB construction provide superior heat dissipation and extend the life of the LEDs. Comes with 72" soldered wire leads (on one end or both ends).

CCT	2700 K	2900 K	3400 K	4100 K
CRI	85+	82+	90+	91+

Operating voltage
24 VDC

Operating temperature
- 40°F to 140°F (- 40°C to 60°C)

Average life
50,000 hours

Dimming
Low voltage dimmer and class-2 dimming power supply required

Mounting
3M self-adhesive tape. Mounting to an aluminum profile or the HST aluminum heat sink tape is required to reach the rated 50,000 hours average life.

Approvals
Class II damp listed

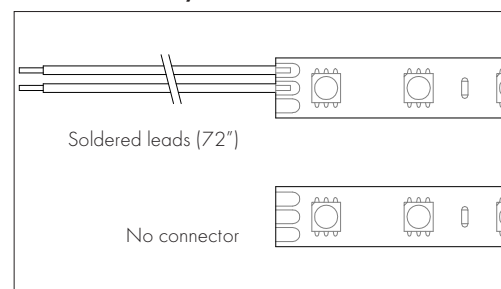


Technical information

Models	LL1.4	LL2.3	LL4.4
LEDs/ft	19	30	18
Average power consumption	1.4 W/ft	2.3 W/ft	4.4 W/ft
Light output for 2900K	75 lum/ft	122 lum/ft	270 lum/ft
Amperage load at maximum run	4.0 A	4.0 A	4.0 A
Ordering increment	3.25"	2.50"	4.00"
Maximum run length	70 ft	44 ft	22 ft
Dimensions	0.38" W 0.13" H	0.47" W 0.13" H	0.47" W 0.13" H

Applications: Indoor only - above and below cabinets, cove lighting, counter accent, architectural reveals, under banister, display and book cases, etc.

SECTION START/END OPTIONS



Ordering code

MODEL	PERFORMANCE	CRI	CCT	SECTION START	SECTION END	LENGTH
LL1.4	HP	H	27K	SL	NC	
LL1.4	HP - High performance	H - High	27K - 2700 K	SL - Soldered wire leads (72")	NC - No connector	View table above for increment options and maximum run limits
LL2.3			29K - 2900 K		SL - Soldered wire leads (72")	
LL4.4			34K - 3400 K			
			41K - 4100 K			

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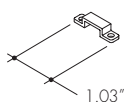
Power supplies - 24 VDC output range

See LineLED and power supply instructions for wiring information. Dimming is possible in select models - view luminii website for list of compatible dimmers.

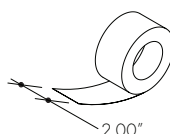
Series	Models	Height/ Length	Width	Depth	VAC Input	Maximum wattage	Outdoor rated	Dimming
PSD (add -240 or -277 at the end of part number to order with higher input)	PSD-48-24	11.25"	3.37"	3.25"	120, 240, 277	48 W	Yes	Forward
	PSD-96-24	11.25"	3.37"	3.25"	120, 240, 277	96 W	Yes	Forward
	PSD-288-24	14.25"	8.43"	2.20"	120, 240, 277	3x 96 W	Yes	Forward
PSV (at the end of part number, add DIM1-10 for 1-10 V dimming or -ND for non dimming)	PSV7P-25-24V-U2	5.83"	1.57"	1.26"	90-305	25 W	Yes	1-10 V or N/A
	PSV7P-40-24V-U2	6.40"	1.70"	1.26"	90-305	40 W	Yes	1-10 V or N/A
	PSV7P-60-24V-U2	6.40"	1.70"	1.26"	90-305	60 W	Yes	1-10 V or N/A
	PSV7P-90-24V-U2	6.34"	2.40"	1.42"	90-305	90 W	Yes	1-10 V or N/A
Lutron Hi-Lume A-series LTE	LTEA4U1UMN-CV235	14.25"	1.18"	1.00"	120	40 W	No	Forward
Plug-in	PI-130-24	3.40"	2.00"	1.21"	100-240	30 W	No	N/A
	PI-160-24	4.69"	2.04"	1.24"	100-240	60 W	No	N/A
	PI-196-24	5.69"	2.31"	1.31"	100-240	96 W	No	N/A

Mounting accessories

Mounting clip
Part # CL-1



Heat sink tape
Part # HST



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Optional mounting channels - Single row LEDs

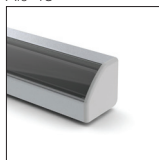
Alu-Round



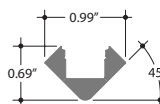
CL F



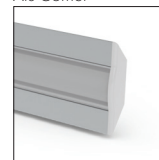
Alu-45



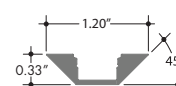
CL HF F N M



Alu-Corner



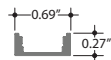
CL HF F N M



Slim Line 7



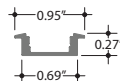
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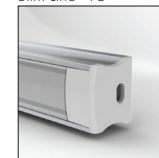
Recessed Slim Line 7



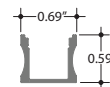
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Slim Line 15



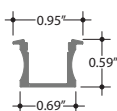
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Recessed Slim Line 15



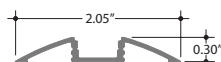
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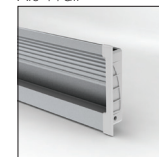
Alu-Flat



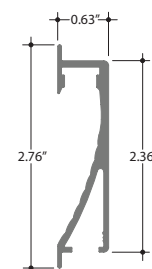
CL HF F N M



Alu-Wall



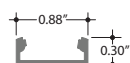
CL F



Slim Wide 8



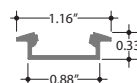
CL F



Recessed Slim Wide 8



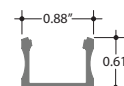
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Slim Wide 15



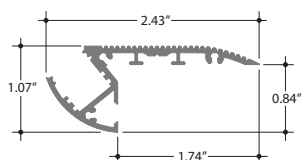
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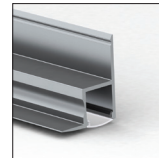
Alu-Stair



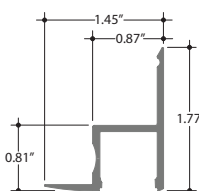
CL F



Alu-ETC



CL F

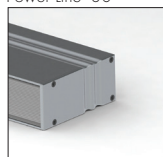


Lens options

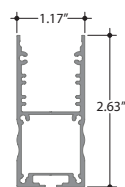
- CL Clear
- F Frosted
- HF Half (50%) frosted
- N Narrow beam frosted
- M Medium beam frosted

Optional mounting channels - Double row LEDs

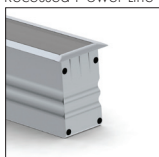
Power Line 30



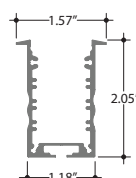
CL F



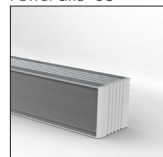
Recessed Power Line 30



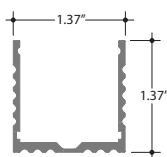
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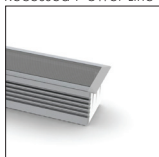
Power Line 35



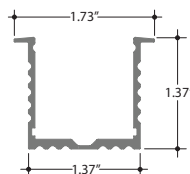
CL F



Recessed Power Line 35



CL F



Installation

All mounting channels are field cuttable using miter saw with circular blade suitable for cutting aluminum.

Ordering

Extrusions are sold separately. View respective specsheets for details on ordering extrusions and their accessories (endcaps, mounting brackets, etc).