



LED BOARD	Product Name	8L1S	8L1H	8L2S	8L2H	8L3S	8L3H
ELECTRICAL	Power Consumption	4.2 W	8.4 W	8.4 W	16.8 W	12.6 W	25.2 W
	Input voltage	12VDC					
	Constant Voltage/Current	Constant Voltage					
	Power Supply	60W Max for class 2 wiring, 150W Max for non-class 2 wiring					
	Input Current	0.35 A	0.7 A	0.7 A	1.4 A	1.05 A	2.1 A
	Interconnection	End-to-end connector, push-in wire connector, wire soldering					
	Base Board	Aluminum					
	Protection	Reverse-polarity, over-current, over-voltage, thermal					
OPTICAL *	Lumen @ 25 °C	473 lm	851 lm	946 lm	1702 lm	1419 lm	2553 lm
	Luminous Efficiency @25 °C	112.6 lm/W	101.3 lm/W	112.6 lm/W	101.3 lm/W	112.6 lm/W	101.3 lm/W
	Lumen per foot	987 lm/ft	1776 lm/ft	987 lm/ft	1776 lm/ft	987 lm/ft	1776 lm/ft
	Minimum CRI **	70 (Standard), 75, 80, 90					
	Color or CCT	2700K, 3000K, 3500K, 4000K, 5000K, 5700K (Standard), 6500, Royal Blue, Blue, Green, PC Amber, Amber, Red-Orange, Red, HE Photo Red, Far Red					
PHYSICAL	Dimension	5.90"(L) x 0.8"(W) x 0.59"(H)		11.5"(L) x 0.8"(W) x 0.59"(H)		17.25"(L) x 0.8"(W) x 0.59"(H)	
	Weight	0.06 lb		0.1 lb		0.18 lb	
	Max Series Connection	80.5" for 8LxS OR 40.25" for 8LxH					
	Operating Temperature	-40 °C - 85 °C					
	Storage Temperature	-40 °C - 85 °C					
CERTIFICATES	Certificates	UL 879 (SAM), UL 8750, CE, and RoHS					
FRAME DEPTH		Minimum 2" for edge lighting					

* Optical data is based on using LEDs with standard CCT and CRI

**90 CRI is not available on all CCT options