Everline System Application Note: Lensed Module Configuration Options

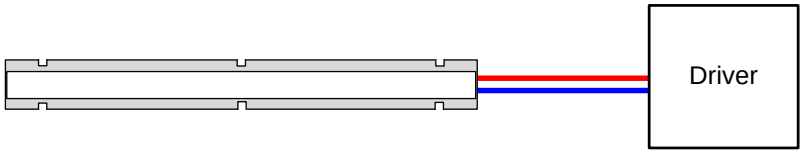
Purpose:
Everline Lensed LED modules can be operated with a variety of Everline LED drivers to provide a wide range of system lumen performance options and tunable output capabilities. The chart below identifies several combinations with system lumens ranging from 1,500 to 9,000+ lumens.

Module p/n	# of Modules	Driver p/n	Tunable Output?*	System Lumens	Module Current	System Power	System Lm/W	Connection Diagram
4-Foot Lensed Module								
LRL14-30L8xx-750C	1	D350C15UNVA-JF	No	1985	0.35	14	142	1
LRL14-30L8xx-750C	1	D700C30UNV-J	No	3810	0.700	29	131	1
LRL14-30L8xx-750C	1	D700C30yyyTZ-C	Yes	3810	0.700	29	131	1
LRL14-30L8xx-750C	1	D10CC55yyyTZ-C	Yes	5620	1.050	47	120	1
LRL14-30L8xx-750C	2	D700C30UNV-J	No	3970	0.350	28	142	2
LRL14-30L8xx-750C	2	D700C30yyyTZ-C	Yes	3970	0.350	28	142	2
LRL14-30L8xx-750C	2	D10CC55yyyTZ-C	Yes	5830	0.525	43	136	2
LRL14-30L8xx-750C	2	D15CC55yyyTZ-C	Yes	8255	0.750	63	131	2
LRL14-30L8xx-750C	2	D21CC80yyyTZ-C	Yes	10950	1.050	90	122	2
LRL14-30L8xx-750C	3	D10CC55yyyTZ-C	Yes	5950	0.350	42	142	3
LRL14-30L8xx-750C	3	D15CC55yyyTZ-C	Yes	8450	0.500	61	139	3
LRL14-30L8xx-750C	3	D21CC80yyyTZ-C	Yes	11420	0.700	87	131	3
LRL14-30L8xx-750C	4	D15CC55yyyTZ-C	Yes	8550	0.375	59	145	4
LRL14-30L8xx-750C	4	D21CC80yyyTZ-C	Yes	11650	0.525	84	139	4
2-Foot Lensed Module								
LRL12-15L8xx-525C	1	D350C15UNVA-JF	No	1900	0.350	14	136	1
LRL12-15L8xx-525C	1	D700C30yyyTZ-C Tuned @ 525mA	Yes	2740	0.525	23	119	1
LRL12-15L8xx-525C	2	D700C30yyyTZ-C	Yes	3810	0.350	29	131	2
LRL12-15L8xx-525C	2	D10CC55yyyTZ-C	Yes	5485	0.525	46	119	2
LRL12-15L8xx-525C	3	D700C30yyyTZ-C	Yes	3910	0.233	28	140	3
LRL12-15L8xx-525C	3	D10CC55yyyTZ-C	Yes	5710	0.350	44	130	3
LRL12-15L8xx-525C	3	D15CC55yyyTW-C Tuned @ 1400mA	Yes	7410	0.525	58	128	3

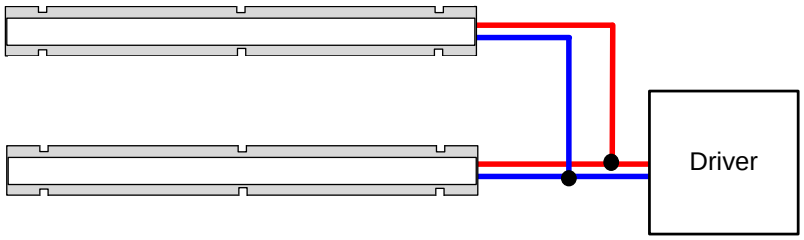
* Tunable output systems can be Tuned (programmed) to operate at lower lumen and power levels.
** Data shown is for 4000°K Temperature with ambient temperature of 25°C
xx indicates the color temperature
yyy: UNV for 120-277V input, 347 for 347V input
Consult specification for additional application information

Connection Diagrams

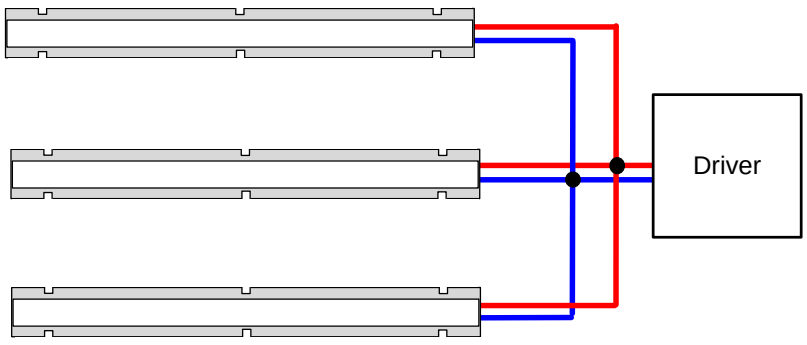
1)



2)



3)



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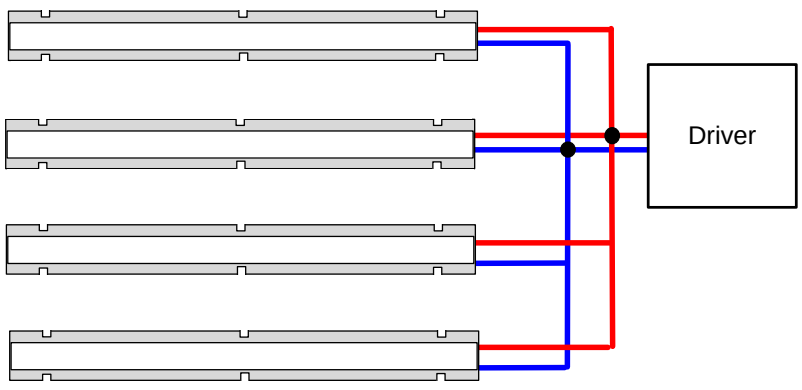

Multiple modules must be connected in parallel