Everline System Application Note:
Square-Rectangular Module Configuration Systems

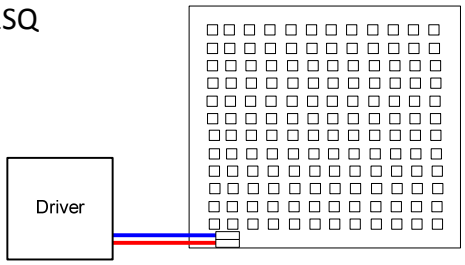
Purpose:
Everline square and rectangular LED modules can be operated with a variety of Everline LED drivers to provide a wide range of system lumen performance options and tunable output capabilities. The chart below identifies several combinations with system lumens ranging from 2,300 to 8,400+ lumens.

Module p/n	# of Modules	Driver p/n	Tunable Output?*	System Lumens	Module Current	System Power	System Lm/W	Connection Diagram
100 LED Square Module								
M10CC8xxD100NSQ	1	D700C30xxxTZ-C (UNV/347)	Yes	3000	0.700	26	115	1SQ
M10CC8xxD100NSQ	1	D700C30xxxTW-L (UNV/347/K)	Yes	3000	0.700	26	115	1SQ
M10CC8xxD100NSQ	1	D10CC42UNVS-A	No	4350	1.050	38	114	1SQ
M10CC8xxD100NSQ	1	D10CC55xxxTZ-C (UNV/347)	Yes	4350	1.050	38	114	1SQ
M10CC8xxD100NSQ	1	D10CC55xxxTW-L (UNV/347/K)	Yes	4350	1.050	38	114	1SQ
M10CC8xxD100NSQ	2	D10CC55xxxTZ-C (UNV/347) #	Yes	4560	0.525	36	127	2SQ
M10CC8xxD100NSQ	2	D15CC55xxxTZ-C (UNV/347) #	Yes	6390	0.750	52	123	2SQ
64 LED Rectangular Module								
M10CC8xxD64N14	1	D700C30xxxTZ-C (UNV/347) #	Yes	2360	0.700	22	107	1R
M10CC8xxD64N14	1	D10CC30xxxTZ-C (UNV/347) #	Yes	3380	1.050	33	102	1R
M10CC8xxD64N14	2	D10CC55xxxTZ-C (UNV/347) #	Yes	3150	0.525	30	105	2R
M10CC8xxD64N14	2	D15CC55xxxTZ-C (UNV/347) #	Yes	5020	0.750	44	114	2R
M10CC8xxD64N14	2	D10CC55xxxTZ-C (UNV/347) #	Yes	6760	0.525	61	111	2RS
80 LED Rectangular Module								
M10CC8xxD80N14	1	D700C30xxxTZ-C (UNV/347) #	Yes	2950	0.700	26	113	1R
M10CC8xxD80N14	1	D10CC30xxxTZ-C (UNV/347) #	Yes	4225	1.050	40	106	1R
M10CC8xxD80N14	2	D10CC30xxxTZ-C (UNV/347) #	Yes	4500	0.525	37	122	2R
M10CC8xxD80N14	2	D15CC55xxxTZ-C (UNV/347) #	Yes	6270	0.750	53	118	2R
M10CC8xxD80N14	2	D21CC80xxxTZ-D (UNV/347)	Yes	8450	1.050	75	113	2R

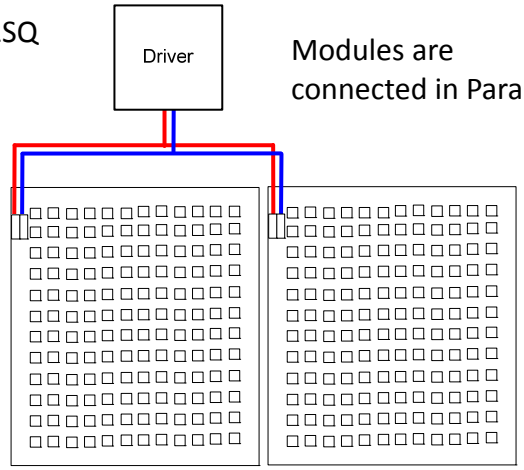
* Tunable output systems can be Tuned (programmed) to operate at lower lumen and power levels.
** Data shown is for 4000°K Temperature with ambient temperature of 40°C
xx indicates the color temperature
Equivalent drivers in the compact cases with the suffixes UNVTW-L or 347TW-K can also be use.
Consult specification for additional application information

Connection Diagrams

1SQ

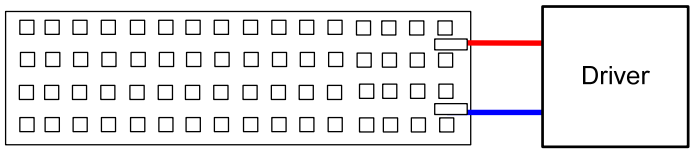


2SQ

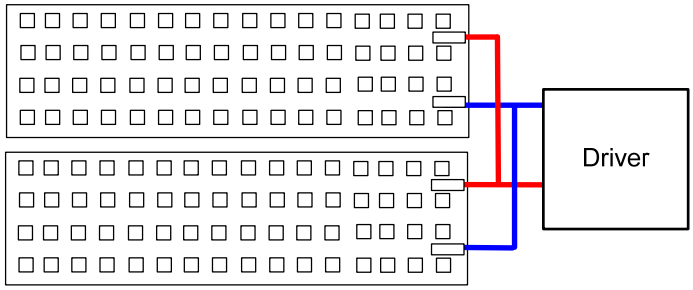


Modules are connected in Parallel.

1R

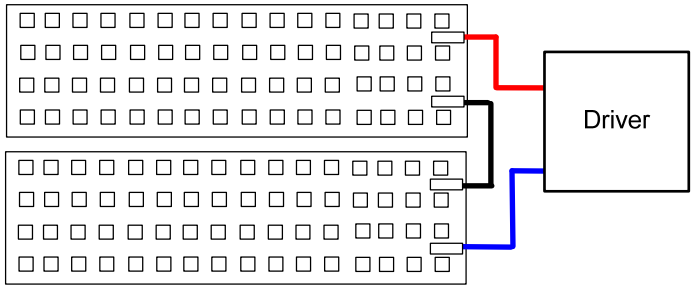


2R



Modules are connected in Parallel.

2RS



Modules are connected in Series.