

## Everline System Application Note: Linear Slimline LED System Lumen Configurations

**Purpose:**

Everline linear slimline LED modules can be operated with a variety of Everline LED drivers to provide a wide range of system lumen performance options..

Module p/n	Driver p/n	System Lumens	# of Modules	Module Current	System Power	Lm/W	Connection Diagram
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**Standard Output**

6"	M350C840D12N06S	D350C15UNVA-JF	365	1	0.350	5	81	1
	M350C840D12N06S	D350C15UNVA-JF	730	2	0.350	8	91	2
	M350C840D12N06S	D350C15UNVA-JF	1095	3	0.350	12	91	3
	M350C840D12N06S	D350C15UNVA-JF	1460	4	0.350	15	97	4
12"	M350C840D24N12S	D350C15UNVA-JF	730	1	0.350	8	91	1
	M350C840D24N12S	D350C15UNVA-JF	1460	2	0.350	15	97	2
	M350C840D24N12S	D10CC20UNV-J	2190	3	0.350	22	100	6
	M350C840D24N12S	D700C30UNV-J D700C30UNVA-MS	2920	4	0.350	30	97	7
18"	M350C840D36N18S	D350C15UNVA-JF	1095	1	0.350	11	100	1
	M350C840D36N18S	D700C20UNV-J D700C20UNVA-MS	2190	2	0.350	23	95	5
	M350C840D36N18S	D10CC42UNVS-A	3285	3	0.350	35	94	6
	M350C840D36N18S	D10CC42UNVS-A	3320	4	0.262	34	98	8

**High Lumen Output**

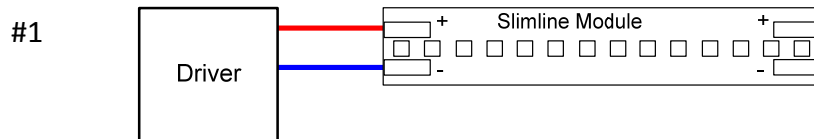
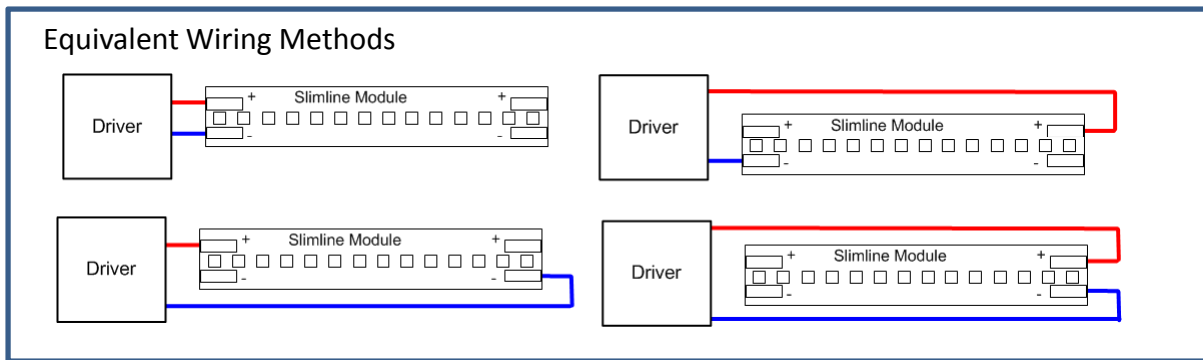
6"	M700C840D24N06S	D700C20UNV-J D700C20UNVA-MS	1460	2	0.700	15	97	2
	M700C840D24N06S	D700C20UNV-J D700C20UNVA-MS	2190	3	0.700	23	97	3
	M700C840D24N06S	D700C30UNV-J D700C30UNVA-MS	2920	4	0.700	30	97	4
12"	M700C840D48N12S	D700C20UNV-J D700C20UNVA-MS	1460	1	0.700	15	97	1
	M700C840D48N12S	D700C30UNV-J D700C30UNVA-MS	2920	2	0.700	30	97	2
	M700C840D48N12S	D10CC42UNVS-A D10CC60UNV-Vx	4620	4	0.550	47	98	7
18"	M700C840D72N18S	D700C20UNV-J	2190	1	0.700	23	95	1
	M700C840D72N18S	D10CC42UNVS-A D10CC60UNV-Vx	3460	2	0.550	35	99	5

Data shown is for the 4000°K module

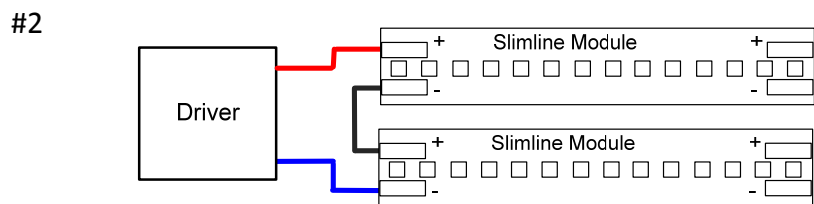
**Slimline Module Wiring Notes:**

The two “+” terminals are connected together on the module, and the two “-” terminals are also connected together. This allows for a variety of wiring connections that are electrically equivalent to be used, depending on which method works best for the application.

The equivalent diagrams shown below will all provide an electrically equivalent method to connect the driver to the module.

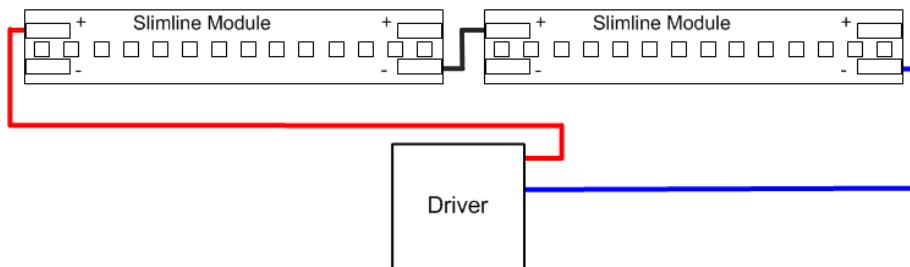


Single Module connection.

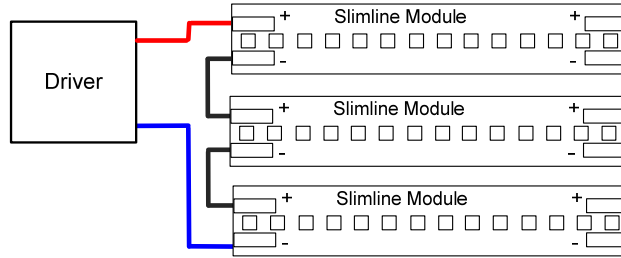


Two Modules connected in series.

(alternate example)

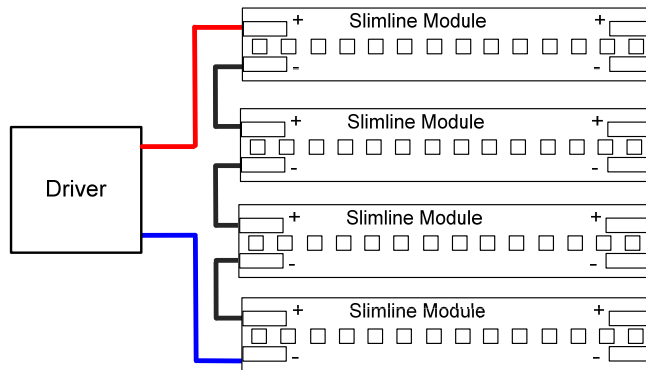


#3



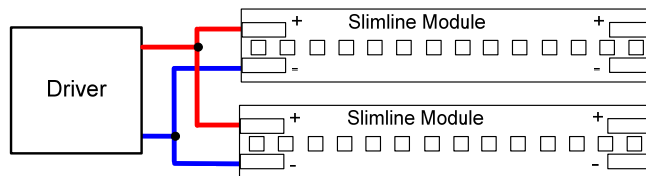
Three Modules  
connected in series.

#4



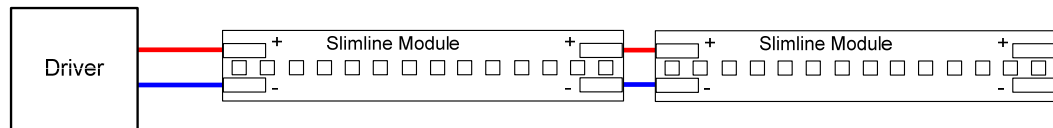
Four Modules  
connected in series.

#5

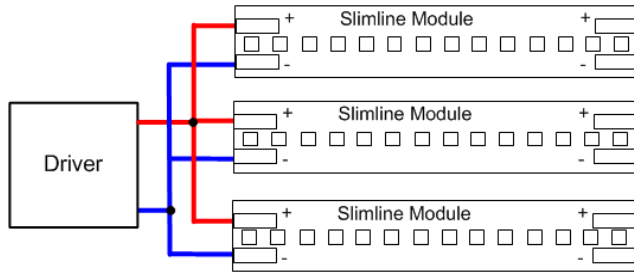


Two modules are connected in  
parallel with each other and will  
split the output from the driver.

(alternate example)

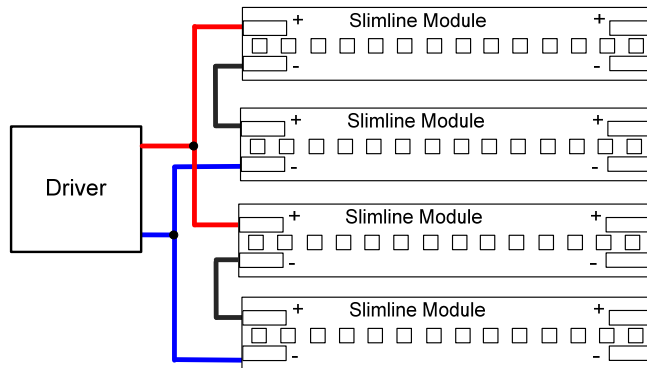


#6



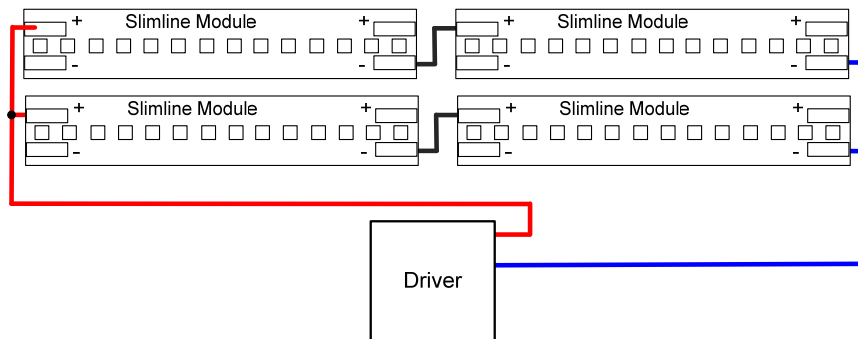
Three modules are connected in parallel with each other and will split the output from the driver.

#7

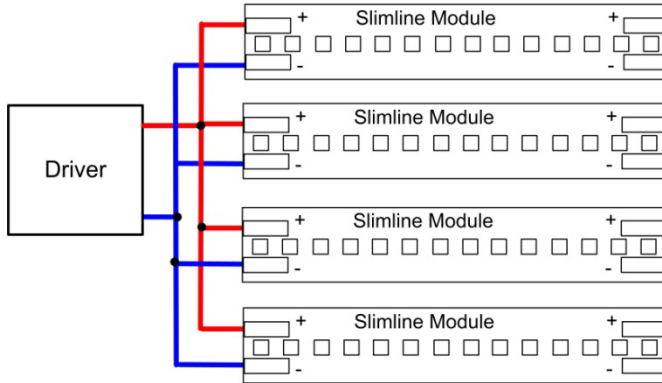


Modules are connected in series – parallel configuration. Two modules are in series with each other, and they are connected with the other two modules that are series connected.

(alternate example)



#8



Four modules are connected in parallel with each other and will split the output from the driver.