



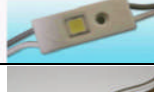

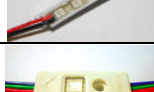

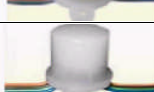




## Power Loading Chart

AVA Technology's LED modules are designed with constant current circuit which protects the LED against power problems. Any reliable Class 2, 12V power supply will work with our modules. To avoid electricity overload and voltage drop on a long wire, we suggest splitting the electricity from the power supply into multiple runs of wire. This is especially true for our Atom 1440 and Jazz series.

### Power Loading Chart For 12V, 60 Watt Power Supply:

	Series	Model	Lumens / Module		Power Consumption / Module	Power Consumption / Foot	Maximum Modules / 60 W Power Supply	Maximum Linear Feet / 60 W Power Supply	Recommended Loading at 90%
	Thor	US12B3 White	50 Lumens	150 Lumens	0.6 W	1.8 W	100 Modules	33 Feet	30 Feet or 90 Modules
	Thor	US12B3 Red	Super Bright Red	Super Bright Red	0.36 W	1.08 W	165 Modules	55 Feet	50 Feet or 150 Modules
	Thor	US12B4	100 Lumens	200 Lumens	1.2 W	2.4 W	50 Modules	25 Feet	22 Feet or 45 Modules
	Thor	US12G2	125 lumens	300 Lumens	1.2W	2.88W	50 Modules	21 Feet	18 Feet or 45 Modules
	Poseiden	US14N3	50 Lumens	150 Lumens	0.6 W	1.8 W	100 Modules	33 Feet	30 Feet or 90 Modules
	Atom	US1440 White	25 Lumens	75 Lumens	0.3 W	0.9 W	200 Modules	67 Feet	61 Feet or 183 Modules
	Atom	US1440 R/G/B	Bright R/G/B	Bright R/G/B	0.3 W	0.9 W	200 Modules	67 Feet	61 Feet or 183 Modules
	Jazz	US1520	Super Bright RGB	Super Bright RGB	0.9 W	2.7 W	67 Modules	22 Feet	20 Feet or 60 Modules
	Jazz	US1520B	Super Bright RGB	Super Bright RGB	0.9 W	1.8 W	67 Modules	33 Feet	30 Feet or 60 Modules
	Jazz	US1620B	Super Bright RGB	Super Bright RGB	0.72 W	1.44 W	83 Modules	41 Feet	37 Feet or 74 Modules
	Jazz	US1630	Super Bright RGB	Super Bright RGB	0.72 W	1.44 W	83 Modules	41 Feet	37 Feet or 74 Modules