

12 Volt DC Power Supply Capacity



Sign LEDs Power Supply Capacity

Maximum Number of Feet (Meters) / Modules – All footage based on 90% of rated capacity

Item Description Part number	Power Output	Value Line White Mini	Value Line White Short	Value Line White Long	Red Short	Red Long, CL5 Red	CL5 Whites	Apollo	V Series (All colors)	Great White 3	Great White 3 Eco	ThinLED (All colors)
Self-contained 20 701680	20W	17' (5m) 68 modules	17' (5m) 51 modules	25' (7.6m) 50 modules	10' (3m) 30 modules	15' (4.6m) 30 modules	15' (4.6m) 30 modules	18' (5.5m) 36 modules	10' (3m) 20 modules	7' (2.1m) 7 modules	11' (3.4m) 11 modules	8' (2.5m)
Modular 60 701507-MODW	60W	50' (15.2m) 200 modules	50' (15.2m) 150 modules	75' (22.9m) 150 modules	30' (9.1m) 90 modules	45' (13.7m) 90 modules	45' (13.7m) 90 modules	56' (17.1m) 112 modules	30' (9m) 90 modules	22' (6.7m) 22 modules	34' (10.4m) 34 modules	25' (7.6m)
Modular 60 - 277 701507-MOD277	60W	50' (15.2m) 200 modules	50' (15.2m) 150 modules	75' (22.9m) 150 modules	30' (9.1m) 90 modules	45' (13.7m) 90 modules	45' (13.7m) 90 modules	56' (17.1m) 112 modules	30' (9m) 90 modules	22' (6.7m) 22 modules	34' (10.4m) 34 modules	25' (7.6m)
Quad 240* 701495	240W	200' (61m) 800 modules	200' (61m) 600 modules	300' (91.4m) 600 modules	120' (36.6m) 360 modules	180' (54.9m) 360 modules	180' (54.9m) 360 modules	225' (68.6m) 450 modules	120' (36.6m) 360 modules	88' (26.8m) 88 modules	136' (41.5m) 136 modules	100' (30.5m)
Watts per module		0.27	0.36	0.36	0.6	0.6	0.6	0.48	0.6	2.4	1.58	2.2 per strip
Modules/Foot (Meter)		4 (13)	3 (9.8)	2 (6.6)	3 (9.8)	2 (6.6)	2 (6.6)	2 (6.6)	3 (9.8)	1 (3.3)	1 (3.3)	-

*Quad 240 has four output legs; footages expressed are total (divide by four for footage per leg)

**All Great White 3 figures are per module, as spacing may vary by application

NOTE: When mixing modules of different sizes/colors or various products on the same power supplies, simply add all the power requirements for the respective footages of each product. Then choose appropriate power supplies to provide adequate power output. The actual number of power supplies needed may vary based on how the materials are spread over the project.

LED Tubing Power Supply Capacity

12 VDC - FlexiBRITE & ColorLINE

Item Description	Part # (Each)	Power Output	FlexiBRITE All Colors Maximum # Feet (Meter)	ColorLINE All Colors
Self Contained 20	701680	20 Watts	6 (1.8)	8 (2.5)
Modular 60	701507-MODW	60 Watts	20 (6)	24 (7.3)
Modular 60-277	701507-MOD277	60 Watts	20 (6)	24 (7.3)
Quad 240*	701495	240 Watts	80 (24.4)	96 (29.2)
Power Used per Foot (Meter) in Watts			2.8 (9.2)	2.3 (7.5)

*Quad 240 has four output legs; footages expressed are total (divide by four for footage per leg)

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