

Power Supply Capacity

Maximum number of modules – based on 90% of rated capacity

Channel Letter Products – 12 VDC

Item description (Part number)	Power output	V180 Large	V180 Standard	V180 Mini	V180 HB Mini	ChanneLED 5 Red	Great White 4	BendLUX
Modules per foot		2	2.5	2.5	2	2	2	2 ft strips
Self-Contained 20 W (701680)	20 W	7.5 ft / 15 Mods	12.8 ft / 32 Mods	22.8 ft / 57 Mods	15 ft / 30 Mods	15 ft / 30 Mods	8 ft / 16 Mods	8 ft / 4 Strips
60C1 60 W (701507-60C1) MODW 60 W (701507-MODW) MOD277 60 W (701507-MOD277)	60 W	22.5 ft / 45 Mods	39.2 ft / 98 Mods	69.2 ft / 173 Mods	46 ft / 92 Mods	45 ft / 90 Mods	25 ft / 50 Mods	25 ft / 12.5 Strips
120D1 120 W (701507-120D1)	120 W	45 ft (45 Mods × 2)	78.4 ft (98 Mods × 2)	138.4 ft (173 Mods × 2)	92 ft (92 Mods × 2)	90 ft (90 Mods × 2)	50 ft (50 Mods × 2)	50 ft (12.5 Strips × 2)
Watts per module		1.20	0.55	0.31	0.58	0.60	1.08	4.2 W per strip

Item description (Part number)	Power output	VL Plus 2 Long White	VL Plus 2 Short Whites, HB	VL Plus 2 Mini White	VL Plus Long Red	VL Plus Short Red, Yellow, Orange	VL Plus Short Blue, Green
Modules per foot		2	2.5	4	2	2.5	2.5
Self-Contained 20 W (701680)	20 W	16.7 ft / 33 Mods	13.3 ft / 33 Mods	10.5 ft / 42 Mods	25 ft / 50 Mods	24.8 ft / 62 Mods	20 ft / 50 Mods
60C1 60 W (701507-60C1) MODW 60 W (701507-MODW) MOD277 60 W (701507-MOD277)	60 W	50 ft / 100 Mods	40 ft / 100 Mods	32 ft / 128 Mods	75 ft / 150 Mods	74.8 ft / 187 Mods	60 ft / 150 Mods
120D1 120 W (701507-120D1)	120 W	100 ft (100 Mods × 2)	80 ft (100 Mods × 2)	64 ft (128 Mods × 2)	150 ft (150 Mods × 2)	149.6 ft (187 Mods × 2)	120 ft (150 Mods × 2)
Watts per module		0.54	0.54	0.42	0.36	0.29	0.36

Cabinet/Box Products – 12 VDC

Item description (Part number)	Power output	PosterBOX Slim 2	PosterBOX Slim	PosterBOX	SignBOX II Single-sided	SignBOX II Double-sided
Modules per foot		2	2	N/A*	3	3
Self-Contained 20 W (701680)	20 W	5 ft / 10 Mods	6 ft / 12 Mods	2 Mods	6.6 ft / 20 Mods	3.3 ft / 10 Mods
60C1 60 W (701507-60C1) MODW 60 W (701507-MODW) MOD277 60 W (701507-MOD277)	60 W	15 ft / 30 Mods	19 ft / 38 Mods	8 Mods	20 ft / 60 Mods	10 ft / 30 Mods
120D1 120 W (701507-120D1)	120 W	30 ft (30 Mods × 2)	38 ft (38 Mods × 2)	8 Mods × 2	40 ft (60 Mods × 2)	20 ft (30 Mods × 2)
Watts per module		1.80	1.38	6.70	0.90	1.80

* Contact customer service for additional details.

SlimLINER, ColorLINE, and FlexiBRITE – 12 VDC

Item description (Part number)	Power output	SlimLINER	FlexiBRITE all colors	ColorLINE all colors
		Fixtures	Maximum feet	
Self-Contained 20 W (701680)	20 W	2	6	8
60C1 60 W (701507-60C1) MODW 60 W (701507-MODW) MOD277 60 W (701507-MOD277)	60 W	6	20	24
120D1 120 W (701507-120D1)	120 W	6 × 2	20 × 2	24 × 2
Power used per foot in Watts		9.02 W per fixture	2.80	2.30

SignBOX RapidStick, HighLINER 2, and LEDStripe – 24 VDC 100 W Power Supply

Item description (Part number)	Power output	SignBOX RapidStick 48 in	SignBOX RapidStick 72 in	SignBOX RapidStick 96 in	HighLINER 2	LEDStripe 24 VDC all colors*
		Maximum				
24 VDC Power Supply (701895-24C)	100 W	16 ft / 4 lamps	18 ft / 3 lamps	16 ft / 2 lamps	24 ft	60 ft
Power used per foot in Watts		4.9 W	5.1 W	5.2 W	3.6 W	1.5 W

*Footages expressed are total (maximum 30 ft per leg). Power Output is based on Power Supply loading of two parallel 30 ft legs. Actual power draw may depend on loading configuration.

NOTE: When mixing modules of different sizes/colors or various products on the same power supply, 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 distributed across the project. © 2015 SloanLED Rev F 2015-09-23

