

Power Supply Capacity – 12 VDC products*

Maximum number of modules based on 90% of rated capacity

Channel Letter products

Model	Mods per m/ft	Watts per mod	Compact 12/25 W [410174]	Quantum 30 W [701507-30E1]	60C2 60 W [701507-60C2] 60C3(D) 60 W [701507-60C3(D)] 60W3 60 W [701507-60W3] Quantum 60 W [701507-60E1]	Quantum 100 W [701507-100E1]	120D1 120 W [701507-120D1]	Quantum 150 W [701507-150EB1]
			Power output: 25 W	Power output: 30 W	Power output: 60 W	Power output: 100 W	Power output: 120 W	Power output: 150 W

SloanLED Prism¹²

Whites (7100 K, 6500 K, 5000 K, 4000 K, 3000 K)	4.9 / 1.5	0.92	4.9 m (16.0 ft) / 24 mods	5.9 m (19.4 ft) / 29 mods	11.8 m (38.7 ft) / 58 mods	19.9 m (65.3 ft) / 98 Mods	2 × 11.8 m (38.7 ft) / 58 mods	2 × 14.6 m (48.0 ft) / 72 mods
Colors (Red, Green, Blue)	4.9 / 1.5	0.72	6.3 m (20.7 ft) / 31 mods	7.5 m (24.7 ft) / 37 mods	15.2 m (50.0 ft) / 75 mods	25.4 m (83.3 ft) / 125 Mods	2 × 15.2 m (50.0 ft) / 75 mods	2 × 19.1 m (62.7 ft) / 94 mods
Colors (Orange)	4.9 / 1.5	0.52	8.7 m (28.7 ft) / 43 mods	10.6 m (34.7 ft) / 52 mods	21.1 m (69.3 ft) / 104 mods	35.2 m (115.3 ft) / 173 Mods	2 × 21.1 m (69.3 ft) / 104 mods	2 × 26.4 m (86.6 ft) / 130 mods

SloanLED Prism¹² Mini

Whites (7100 K, 6500 K, 5000 K, 4000 K, 3000 K)	6.6 / 2.0	0.38	9.0 m (29.5 ft) / 59 Mods	10.8 m (35.5 ft) / 71 Mods	21.6 m (71.0 ft) / 142 Mods	36.0 m (118.0 ft) / 236 Mods	2 × 21.6 m (71.0 ft) / 142 Mods	2 × 27.0 m (88.5 ft) / 177 Mods
Colors (Red, Green, Blue)	6.6 / 2.0	0.30	11.4 m (37.5 ft) / 75 Mods	13.7 m (45.0 ft) / 90 Mods	27.4 m (90.0 ft) / 180 Mods	45.7 m (150.0 ft) / 300 Mods	2 × 27.4 m (90.0 ft) / 180 Mods	2 × 34.3 m (112.5 ft) / 225 Mods

SloanLED Prism¹² Nano+

Whites (7200 K, 6500 K, 5000 K, 4000 K, 3000 K)	25 / 7.6	0.22	4.2 m (13.6 ft) / 104 mods	5.0 m (16.4 ft) / 125 mods	10.0 m (32.8 ft) / 250 mods	N/A [‡]	2 × 10.0 m (32.8 ft) / 250 mods	N/A [‡]
Colors (Red, Green, Blue)	25 / 7.6	0.13	6.9 m (22.7 ft) / 173 mods	8.3 m (27.2 ft) / 207 mods	16.6 m (54.5 ft) / 415 mods	N/A [‡]	2 × 16.6 m (54.5 ft) / 415 mods	N/A [‡]

SloanLED Prism

Whites (6500 K [3.3/m, 1/ft])	3.3 / 1.0	1.12	6.1 m (20.0 ft) / 20 Mods	47.3 m (24.0 ft) / 24 Mods	14.6 m (48.0 ft) / 48 Mods	24.4 m (80.0 ft) / 80 Mods	2 × 14.6 m (48.0 ft) / 48 Mods	2 × 18.3 m (60.0 ft) / 60 Mods
Whites (7100 K, 6500 K [4.9/m, 1.5/ft], 5700 K, 5000 K, 4000 K, 3000 K)	4.9 / 1.5	1.12	4.1 m (13.3 ft) / 20 Mods	4.9 m (16.0 ft) / 24 Mods	9.8 m (32.0 ft) / 48 Mods	16.3 m (53.3 ft) / 80 Mods	2 × 9.8 m (32.0 ft) / 48 Mods	2 × 12.2 m (40.0 ft) / 60 Mods
Colors (Red [6.6/m, 2/ft])	6.6 / 2.0	0.72	4.7 m (15.5 ft) / 31 Mods	5.8 m (19.0 ft) / 38 Mods	11.4 m (37.5 ft) / 75 Mods	19.1 m (62.5 ft) / 125 Mods	2 × 11.4 m (37.5 ft) / 75 Mods	2 × 14.3 m (47.0 ft) / 94 Mods
Colors (Red [1.5/ft], Orange, Yellow, Green, Blue)	4.9 / 1.5	0.72	6.3 m (20.7 ft) / 31 Mods	7.7 m (25.3 ft) / 38 Mods	15.2 m (50.0 ft) / 75 Mods	25.4 m (83.3 ft) / 125 Mods	2 × 15.2 m (50.0 ft) / 75 Mods	2 × 19.1 m (62.7 ft) / 94 Mods

SloanLED Prism HO[†]

Whites (6500 K, 5000 K [2.6/m, 0.8/ft])	2.6 / 0.8	1.68	5.0 m (16.3 ft) / 13 Mods	6.1 m (20.0 ft) / 16 Mods	12.2 m (40.0 ft) / 32 Mods	20.6 m (67.5 ft) / 54 Mods	2 × 12.2 m (40.0 ft) / 32 Mods	2 × 15.2 m (50.0 ft) / 40 Mods
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SloanLED Prism Mini

Whites (7100 K, 6500 K, 5000 K, 4000 K, 3000 K)	6.6 / 2.0	0.40	8.5 m (28.0 ft) / 56 Mods	10.4 m (34.0 ft) / 68 Mods	20.7 m (68.0 ft) / 136 Mods	34.3 m (112.5 ft) / 225 Mods	2 × 20.7 m (68.0 ft) / 136 Mods	2 × 25.8 m (84.5 ft) / 169 Mods
Colors (Red, Green, Blue)	6.6 / 2.0	0.30	11.4 m (37.5 ft) / 75 Mods	13.7 m (45.0 ft) / 90 Mods	27.4 m (90.0 ft) / 180 Mods	45.7 m (150.0 ft) / 300 Mods	2 × 27.4 m (90.0 ft) / 180 Mods	2 × 34.3 m (112.5 ft) / 225 Mods

SloanLED Prism Nano

Whites (7100 K, 6500 K, 5000 K, 4000 K, 3000 K)	25 / 7.6	0.36	2.5 m (8.1 ft) / 62 Mods	3.0 m (9.8 ft) / 75 Mods	6 m (19.7 ft) / 150 Mods	N/A [‡]	2 × 6 m (19.7 ft) / 150 Mods	N/A [‡]
Colors (Red, Green, Blue)	25 / 7.6	0.12	7.5 m (24.5 ft) / 187 Mods	9 m (29.5 ft) / 225 Mods	18 m (59.0 ft) / 450 Mods	N/A [‡]	2 × 18 m (59.0 ft) / 450 Mods	N/A [‡]

SloanLED Prism Enlighten[†]

Whites (7100 K, 6500 K, 5700 K, 5000 K, 4000 K, 3000 K)	4.9 / 1.5	0.75	6.1 m (20.0 ft) / 30 Mods	7.3 m (24.0 ft) / 36 Mods	14.6 m (48.0 ft) / 72 Mods	24.4 m (80.0 ft) / 120 Mods	2 × 14.6 m (48.0 ft) / 72 Mods	2 × 18.3 m (60.0 ft) / 90 Mods
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VL4 Standard

Whites (7200 K, 6500 K, 5000 K, 4000 K, 3000 K)	4.6 / 1.4	0.96	5.0 m (16.4 ft) / 23 Mods	6.1 m (20.0 ft) / 28 Mods	12.2 m (40.0 ft) / 56 Mods	20.5 m (67.1 ft) / 94 Mods	2 × 12.2 m (40.0 ft) / 56 Mods	2 × 15.2 m (50.0 ft) / 70 Mods
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VL4 Mini

White (7200 K, 6500 K, 5000 K, 4000 K, 3000 K), Red, Green, Blue	8.2 / 2.5	0.36	7.6 m (24.8 ft) / 62 Mods	9.1 m (30.0 ft) / 75 Mods	18.3 m (60.0 ft) / 150 Mods	30.5 m (100.0 ft) / 250 Mods	2 × 18.3 m (60.0 ft) / 150 Mods	2 × 22.8 m (74.8 ft) / 187 Mods
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VL4 High Output

Whites (7200 K, 6500 K, 5000 K, 4000 K, 3000 K)	4.9 / 1.5	1.20	3.9 m (12.7 ft) / 19 mods	4.5 m (14.7 ft) / 22 mods	9.1 m (30.0 ft) / 45 mods	15.2 m (50.0 ft) / 75 Mods	2 × 9.1 m (30.0 ft) / 45 mods	2 × 11.4 m (37.3 ft) / 56 mods
Colors (Red, Green, Blue)	4.9 / 1.5	1.08	4.3 m (14.0 ft) / 21 mods	5.1 m (16.7 ft) / 25 mods	10.2 m (33.3 ft) / 50 mods	16.9 m (55.3 ft) / 83 Mods	2 × 10.2 m (33.3 ft) / 50 mods	2 × 12.6 m (41.3 ft) / 62 mods

* Configured for Class 2 Output.

† No longer available.

‡ Cannot be used due to power supply output current exceeding maximum wire and/or connector ampacity.

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.

Power Supply Capacity – 12 VDC products*

Maximum number of modules based on 90% of rated capacity

Channel Letter products

Model	Mods per m/ft	Watts per mod	Compact 12/25 W [410174]	Quantum 30 W [701507-30E1]	60C2 60 W [701507-60C2] 60C3(D) 60 W [701507-60C3(D)] 60W3 60 W [701507-60W3] Quantum 60 W [701507-60E1]	Quantum 100 W [701507-100E1]	120D1 120 W [701507-120D1]	Quantum 150 W [701507-150E1]
			Power output: 25 W	Power output: 30 W	Power output: 60 W	Power output: 100 W	Power output: 120 W	Power output: 150 W

VL Plus 3

Whites (6500 K, 5000 K, 4000 K, 3000 K)	4.6 / 1.4	1.04	4.8 m (15.7 ft) / 22 Mods	5.7 m (18.6 ft) / 26 Mods	11.3 m (37.1 ft) / 52 Mods	18.7 m (61.4 ft) / 86 Mods	2 × 11.3 m (37.1 ft) / 52 Mods	2 × 14.1 m (46.4 ft) / 65 Mods
Colors (Red)	4.6 / 1.4	0.63	7.8 m (25.7 ft) / 36 Mods	9.4 m (30.7 ft) / 43 Mods	18.7 m (61.4 ft) / 86 Mods	31.1 m (102.1 ft) / 143 Mods	2 × 18.7 m (61.4 ft) / 86 Mods	2 × 23.3 m (76.4 ft) / 107 Mods
Colors (Green, Blue)	4.6 / 1.4	0.54	8.9 m (29.3 ft) / 41 Mods	10.9 m (35.7 ft) / 50 Mods	21.8 m (71.4 ft) / 100 Mods	36.1 m (118.6 ft) / 166 Mods	2 × 21.8 m (71.4 ft) / 100 Mods	2 × 27.2 m (89.3 ft) / 125 Mods
High Output (6500K, 5000 K)	4.6 / 1.4	1.27	3.7 m (12.1 ft) / 17 mods	4.6 m (15.0 ft) / 21 mods	9.1 m (30.0 ft) / 42 mods	15.5 m (50.7 ft) / 71 Mods	2 × 9.1 m (30.0 ft) / 42 mods	2 × 11.3 m (37.1 ft) / 52 Mods

VL Plus 3 Mini

White (6500 K, 5000 K, 4000 K)	6.7 / 2.0	0.49	6.9 m (22.5 ft) / 45 Mods	8.4 m (27.5 ft) / 55 Mods	16.8 m (55.0 ft) / 110 Mods	28.0 m (92.0 ft) / 184 Mods	2 × 16.8 m (55.0 ft) / 110 Mods	2 × 20.9 m (68.5 ft) / 137 Mods
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VL Plus Series†

VL Plus Long (Red)	6.5 / 2.0	0.36	9.6 m (31.5 ft) / 63 Mods	11.4 m (37.5 ft) / 75 Mods	23 m (75.0 ft) / 150 Mods	38.1 m (125.0 ft) / 250 Mods	2 × 23 m (75.0 ft) / 150 Mods	2 × 28.5 m (93.5 ft) / 187 Mods
VL Plus Short (Red, Yellow, Orange)	8 / 2.5	0.29	9.4 m (31.0 ft) / 78 Mods	11.5 m (37.7 ft) / 94 Mods	23 m (75.0 ft) / 187 Mods	37.8 m (124.0 ft) / 310 Mods	2 × 23 m (75.0 ft) / 187 Mods	2 × 28.6 m (93.9 ft) / 234 Mods
VL Plus Short (Blue, Green)	8 / 2.5	0.36	7.6 m (25.0 ft) / 63 Mods	9.1 m (30.0 ft) / 75 Mods	18.3 m (60.0 ft) / 150 Mods	30.5 m (100.0 ft) / 250 Mods	2 × 18.3 m (60.0 ft) / 150 Mods	2 × 22.8 m (74.8 ft) / 187 Mods
VL Plus 2 Long (White)	6.5 / 2.0	0.54	6.4 m (21.0 ft) / 42 Mods	7.6 m (25.0 ft) / 50 Mods	15.2 m (50.0 ft) / 100 Mods	25.5 m (83.5 ft) / 167 Mods	2 × 15.2 m (50.0 ft) / 100 Mods	2 × 19.1 m (62.5 ft) / 125 Mods
VL Plus 2 Short (Whites, HB)	8 / 2.5	0.54	5.1 m (16.8 ft) / 42 Mods	6.1 m (20.0 ft) / 50 Mods	12.2 m (40.0 ft) / 100 Mods	20.4 m (66.8 ft) / 167 Mods	2 × 12.2 m (40.0 ft) / 100 Mods	2 × 15.2 m (50.0 ft) / 125 Mods
VL Plus 2 Mini	13.1 / 4.0	0.42	4.1 m (13.5 ft) / 54 Mods	4.9 m (16.0 ft) / 64 Mods	9.8 m (32.0 ft) / 128 Mods	16.3 m (53.5 ft) / 214 Mods	2 × 9.8 m (32.0 ft) / 128 Mods	2 × 12.2 m (40.0 ft) / 160 Mods

V180

Large	6.6 / 2.0	1.20	2.9 m (9.4 ft) / 19 Mods	3.5 m (11.5 ft) / 23 Mods	6.9 m (22.5 ft) / 45 Mods	11.4 m (37.5 ft) / 75 Mods	2 × 6.9 m (22.5 ft) / 45 Mods	2 × 8.5 m (28.0 ft) / 56 Mods
Standard‡	8 / 2.5	0.55	4.9 m (16 ft) / 41 Mods	6.0 m (19.6 ft) / 49 Mods	11.9 m (39.2 ft) / 98 Mods	20.0 m (65.6 ft) / 164 Mods	2 × 11.9 m (39.2 ft) / 98 Mods	2 × 14.9 m (48.8 ft) / 122 Mods
Mini	8 / 2.5	0.31	8.8 m (29 ft) / 73 Mods	10.7 m (35.2 ft) / 88 Mods	21.0 m (69.0 ft) / 173 Mods	35.4 m (116.0 ft) / 290 Mods	2 × 21.0 m (69.0 ft) / 173 Mods	2 × 26.3 m (86.4 ft) / 216 Mods
HB Mini	6.6 / 2.0	0.59	5.8 m (19 ft) / 38 Mods	6.9 m (22.5 ft) / 45 Mods	14.0 m (46 ft) / 92 Mods	23.3 m (76.5 ft) / 153 Mods	2 × 14.0 m (46 ft) / 92 Mods	2 × 17.5 m (57.5 ft) / 115 Mods

BendLUX

BendLUX	0.6 m (2 ft) strips	4.2 W per strip	3.2 m (10.4 ft)	3.8 m (12.5 ft)	7.6 m (25.0 ft)	N/A‡	2 × 7.6 m (25.0 ft)	N/A‡
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SloanLED FlexTAPE

SloanLED FlexTAPE White (6500 K, 5000 K, 3500 K)	60 / 18	4.6 W per m / 1.4 W per ft	4.9 m (16.1 ft)	5.9 m (19.2 ft)	11.7 m (38.4 ft)	N/A‡	2 × 11.7 m (38.4 ft)	N/A‡
SloanLED FlexTAPE Red	60 / 18	3.6 W per m / 1.1 W per ft	6.25 m (20.5 ft)	7.5 m (24.6 ft)	15.0 m (49.2 ft)	N/A‡	2 × 15.0 m (49.2 ft)	N/A‡

SloanLED Spectrum RGBW Module

SloanLED Spectrum RGBW Module	4.9 / 1.5	0.92 W max. per module	4.9 m (16.0 ft) / 24 Mods	5.9 m (19.3 ft) / 29 Mods	12.2 m (40.0 ft) / 60 mods	19.9 m (65.3 ft) / 98 mods	2 × 12.2 m (40.0 ft) / 60 Mods	2 × 14.8 m (48.7 ft) / 73 Mods
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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.

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† No longer available.

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Power Supply Capacity – 12 VDC products*

Maximum number of modules based on 90% of rated capacity

Sign Cabinet/Box products

Model	Mods per m/ft	Watts per mod	Compact 12/25 W [410174]	Quantum 30 W [701507-30E1]	60C2 60 W [701507-60C2] 60C3(D) 60 W [701507-60C3(D)] 60W3 60 W [701507-60W3] Quantum 60 W [701507-60E1]	Quantum 100 W [701507-100E1]	120D1 120 W [701507-120D1]	Quantum 150 W [701507-150EB1]
			Power output: 25 W	Power output: 30 W	Power output: 60 W	Power output: 100 W	Power output: 120 W	Power output: 150 W

PosterBOX Series

PosterBOX Slim 2 (Gen 2)	4.6 / 1.4	1.68	2.8 m (9.2 ft) / 13 Mods	3.5 m (11.4 ft) / 16 Mods	6.9 m (22.7 ft) / 32 Mods	11.8 m (38.6 ft) / 54 Mods	13.8 m (45.4 ft) (32 Mods × 2)	17.4 m (57.2 ft) (40 Mods × 2)
PosterBOX Slim	6.5 / 2.0	1.38	2.4 m (7.9 ft) / 16 Mods	2.9 m (9.5 ft) / 19 Mods	5.8 m (19.0 ft) / 38 Mods	9.9 m (32.5 ft) / 65 Mods	11.6 m (38.0 ft) (38 Mods × 2)	14.4 m (47.0 ft) (47 Mods × 2)
PosterBOX	N/A†	6.70	3 Mods	4 Mods	8 Mods	13 Mods	8 Mods × 2	10 Mods × 2
PosterBOX Mini	5.31 / 1.6	1.2	3.6 m (11.9 ft) / 19 Mods	4.2 m (13.8 ft) / 22 Mods	8.6 m (28.1 ft) / 45 Mods	14.3 m (46.9 ft) / 75 Mods	8.6 m (28.1 ft) (45 Mods × 2)	10.7 m (35.0 ft) (56 Mods × 2)

SignBOX II

Single-sided	10.0 / 3.0	0.90	2.5 m (8.3 ft) / 25 Mods	3.0 m (10.0 ft) / 30 Mods	6.1 m (20.0 ft) / 60 Mods	10.2 m (33.3 ft) / 100 Mods	12.2 m (40.0 ft) (60 Mods × 2)	15.2 m (50.0 ft) (75 Mods × 2)
Double-sided	10.0 / 3.0	1.80	1.2 m (4.0 ft) / 12 Mods	1.5 m (5.0 ft) / 15 Mods	3.0 m (10.0 ft) / 30 Mods	5.1 m (16.7 ft) / 50 Mods	6.1 m (20.0 ft) (30 Mods × 2)	2 × 10.7 m (35.0 ft) / 56 Mods

Linear Lighting products

Model	Power used per fixture in Watts	Compact 12/25 W [410174]	Quantum 30 W [701507-30E1]	60C2 60 W [701507-60C2] 60C3(D) 60 W [701507-60C3(D)] 60W3 60 W [701507-60W3] Quantum 60 W [701507-60E1]	Quantum 100 W [701507-100E1]	120D1 120 W [701507-120D1]	Quantum 150 W [701507-150EB1]
		Power output: 25 W	Power output: 30 W	Power output: 60 W	Power output: 100 W	Power output: 120 W	Power output: 150 W

SlimLINER

SlimLINER	9.02 W per fixture	2 fixtures	3 fixtures	6 fixtures	10 fixtures	6 fixtures × 2	7 fixtures × 2
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Border Tubing & Accent products

Model	Power used per m/ft in Watts	Compact 12/25 W [410174]	Quantum 30 W [701507-30E1]	60C2 60 W [701507-60C2] 60C3(D) 60 W [701507-60C3(D)] 60W3 60 W [701507-60W3] Quantum 60 W [701507-60E1]	Quantum 100 W [701507-100E1]	120D1 120 W [701507-120D1]	Quantum 150 W [701507-150EB1]
		Power output: 25 W	Power output: 30 W	Power output: 60 W	Power output: 100 W	Power output: 120 W	Power output: 150 W

ColorLINE

All colors	7.5 / 2.3	Max. 3 m / 10 ft	Max. 3.6 m / 12 ft	Max. 7.3 m / 24 ft	N/A†	Max. 7.3 m / 24 ft × 2	Max. 9.1 m / 30 ft × 2
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FlexiBRITE

All colors	9.2 / 2.8	Max. 2.44 m / 8 ft	Max. 3.0 m / 10 ft	Max. 6 m / 20 ft	N/A†	Max. 6 m / 20 ft × 2	Max. 7.6 m / 25 ft × 2
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† Contact Customer Service for details.

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Power Supply Capacity – 24 VDC products

Maximum number of modules based on 90% of rated capacity

Channel Letter Products

Model	Mods per m/ft	Watts per mod	Quantum 30 W [701895-30E1] Power output: 30 W	60S1(D) 60 W [701895-60S1(D)] Quantum 60 W [701895-60E1] Power output: 60 W	24 VDC Power Supply [701895-24C1] 24S1 100 W Power Supply [701895-24S1] 24S2(D) 100 W Power Supply [701895-24S2(D)] Power output: 96 W	Quantum 100 W [701895-100E1] Power output: 100 W	Quantum 150 W [701895-150E1] Power output: 150 W	300T1 Power Supply [701895-300T1] Power output: 300 W
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SloanLED Prism²⁴

Whites (7100 K, 6500 K, 5000 K, 4000 K, 3000 K)	3.9 / 1.2	0.86	7.9 m (25.8 ft) / 31 mods	15.8 m (51.7 ft) / 62 mods	26.4 m (86.7 ft) / 104 mods	26.4 m (86.7 ft) / 104 mods	39.6 m (130.1 ft) / 156 mods	3 × 26.4 m (86.7 ft) / 104 mods
Colors (Red)	4.9 / 1.5	0.43	12.6 m (41.3 ft) / 62 mods	25.4 m (83.4 ft) / 125 mods	42.3 m (138.7 ft) / 208 mods	42.3 m (138.7 ft) / 208 mods	63.4 m (208.1 ft) / 312 mods	3 × 42.3 m (138.7 ft) / 208 mods
Colors (Green)	4.9 / 1.5	0.54	10.2 m (33.3 ft) / 50 mods	20.3 m (66.6 ft) / 100 mods	33.9 m (111.3 ft) / 167 mods	33.9 m (111.3 ft) / 167 mods	50.8 m (166.6 ft) / 250 mods	3 × 33.9 m (111.3 ft) / 167 mods
Colors (Blue)	4.9 / 1.5	0.59	9.1 m (30.0 ft) / 45 mods	18.5 m (60.6 ft) / 91 mods	30.9 m (101.3 ft) / 152 mods	30.9 m (101.3 ft) / 152 mods	46.3 m (152.0 ft) / 228 mods	3 × 30.9 m (101.3 ft) / 152 mods
High Output (6500 K, 5000 K)	2.6 / 0.8	1.20	8.4 m (27.5 ft) / 22 mods	17.2 m (56.3 ft) / 45 mods	28.6 m (93.8 ft) / 75 mods	28.6 m (93.8 ft) / 75 mods	42.7 m (140.1 ft) / 112 mods	3 × 28.6 m (93.8 ft) / 75 mods

SloanLED Prism HO, 24 V

White (6500 K)	2.6 / 0.8	1.56	6.5 m (21.3 ft) / 17 mods	13.3 m (43.8 ft) / 35 mods	22.1 m (72.5 ft) / 58 mods	22.1 m (72.5 ft) / 58 mods	33.1 m (108.8 ft) / 87 mods	3 × 22.1 m (72.5 ft) / 58 mods
White (6500 K)	4.9 / 1.5	1.56	3.5 m (11.3 ft) / 17 mods	7.1 m (23.3 ft) / 35 mods	11.8 m (38.7 ft) / 58 mods	11.8 m (38.7 ft) / 58 mods	17.7 m (58.0 ft) / 87 mods	3 × 11.8 m (38.7 ft) / 58 mods

SloanLED Prism²⁴ Mini

Whites (7100 K, 6500 K, 5000 K, 4000 K, 3000 K)	8.2 / 2.5	0.40	8.2 m (26.8 ft) / 67 mods	16.5 m (54.0 ft) / 135 mods	27.4 m (90.0 ft) / 225 mods	27.4 m (90.0 ft) / 225 mods	41.1 m (134.8 ft) / 337 mods	3 × 27.4 m (90.0 ft) / 225 mods
Colors (Red, Green)	8.2 / 2.5	0.26	12.4 m (40.8 ft) / 102 mods	24.9 m (81.6 ft) / 204 mods	41.5 m (136.0 ft) / 340 mods	41.5 m (136.0 ft) / 340 mods	62.2 m (204.0 ft) / 510 mods	3 × 41.5 m (136.0 ft) / 340 mods
Colors (Blue)	8.2 / 2.5	0.46	7.2 m (23.6 ft) / 59 mods	14.3 m (46.8 ft) / 117 mods	23.9 m (78.4 ft) / 196 mods	23.9 m (78.4 ft) / 196 mods	35.8 m (117.6 ft) / 294 mods	3 × 23.9 m (78.4 ft) / 196 mods

SloanLED Prism²⁴ LP

Whites (7100 K, 6500 K, 5000 K, 4000 K, 3000 K)	4.9 / 1.5	0.43	12.6 m (41.3 ft) / 62 mods	25.4 m (83.4 ft) / 125 mods	42.3 m (138.7 ft) / 208 mods	42.3 m (138.7 ft) / 208 mods	63.4 m (208.1 ft) / 312 mods	3 × 42.3 m (138.7 ft) / 208 mods
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VL4 Super High Output

White (6500 K)	2.13 / 0.65	1.42	8.4 m (27.7 ft) / 18 mods	16.9 m (55.4 ft) / 36 mods	28.1 m (92.3 ft) / 60 mods	28.1 m (92.3 ft) / 60 mods	3 × 42.2 m (138.5 ft) / 90 mods	3 × 28.1 m (92.3 ft) / 60 mods
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Power Supply Capacity – 24 VDC products

Maximum number of modules based on 90% of rated capacity

Sign Cabinet/Box products

Model	Watts per assembly	Quantum 30 W [701895-30E1] Power output: 30 W	60S1(D) 60 W [701895-60S1(D)] Quantum 60 W [701895-60E1] Power output: 60 W	24 VDC Power Supply [701895-24C1] 24S1 100 W Power Supply [701895-24S1] 24S2(D) 100 W Power Supply [701895-24S2(D)] Power output: 96 W	Quantum 100 W [701895-100E1] Power output: 100 W	Quantum 150 W [701895-150E1] Power output: 150 W	300T1 Power Supply [701895-300T1] Power output: 300 W
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PosterBOX 3

PosterBOX 3 Short	7.2	0.76 m (2.5 ft) / 3 Mods*	1.8 m (5.8 ft) / 7 Mods*	3 m (10 ft) / 12 Mods*	3 m (10.0 ft) / 12 Mods*	4.5 m (14.8 ft) / 18 Mods*	3 × 3 m (10 ft) / 12 Mods*
PosterBOX 3 Long	14.0	- m (- ft) / 1 Mod*	1.5 m (4.9 ft) / 3 Mods*	3 m (10 ft) / 6 Mods*	3 m (10.0 ft) / 6 Mods*	4.5 m (14.8 ft) / 9 Mods*	3 × 3 m (10 ft) / 6 Mods*

PosterBOX ID

PosterBOX ID Short	7.2	3 units max.	7 units max.	12 units max.	12 units max.	18 units max.	3 × 12 units max.
PosterBOX ID Long	14.0	1 units max.	3 units max.	6 units max.	6 units max.	9 units max.	3 × 6 units max.

Model	Watts per assembly	Quantum 30 W [701895-30E1] Power output: 30 W	60S1(D) 60 W [701895-60S1(D)] Quantum 60 W [701895-60E1] Power output: 60 W	24 VDC Power Supply [701895-24C1] 24S1 100 W Power Supply [701895-24S1] 24S2(D) 100 W Power Supply [701895-24S2(D)] Power output: 96 W	Quantum 100 W [701895-100E1] Power output: 100 W	Quantum 150 W [701895-150E1] Power output: 150 W	300T1 Power Supply [701895-300T1] Power output: 300 W
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SloanLED BrightLINE

Maximum meters (feet) / LED strips

6500 K	4.8	0.8 m (2.5 ft) / 5 strips	1.5 m (4.9 ft) / 10 strips	2.7 m (8.9 ft) / 18 strips	2.7 m (8.9 ft) / 18 strips	4.1 m (13.4 ft) / 27 strips	3 × 2.7 m (8.9 ft) / 18 strips
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SloanLED BrightLINE Short

6500 K	1.6	2.4 m (7.9 ft) / 16 strips	5.0 m (16.3 ft) / 33 strips	8.4 m (27.6 ft) / 56 strips	8.4 m (27.6 ft) / 56 strips	12.6 m (41.4 ft) / 84 strips	3 × 8.4 m (27.6 ft) / 56 strips
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SloanLED BrightLINE 2 Long

6500 K, 4000 K	3.3	1.2 m (3.9 ft) / 8 strips	2.4 m (7.9 ft) / 16 strips	3.9 m (12.8 ft) / 26 strips	4.1 m (13.3 ft) / 27 strips	6.2 m (20.2 ft) / 41 strips	3 × 3.9 m (12.8 ft) / 26 strips
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SloanLED BrightLINE 2 Short

6500 K, 4000 K	1.1	3.6 m (11.8 ft) / 24 strips	7.4 m (24.1 ft) / 49 strips	11.7 m (38.4 ft) / 78 strips	12.2 m (39.9 ft) / 81 strips	18.3 m (60.0 ft) / 122 strips	3 × 11.7 m (38.4 ft) / 78 strips
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SloanLED BrightLINE 2 Long LP

6500 K, 4000 K	2.0	2.0 m (6.4 ft) / 13 strips	3.9 m (12.8 ft) / 26 strips	6.3 m (20.7 ft) / 42 strips	6.6 m (21.6 ft) / 44 strips	9.9 m (32.5 ft) / 66 strips	3 × 6.3 m (20.7 ft) / 42 strips
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SloanLED BrightLINE 2 Short LP

6500 K, 4000 K	0.7	3.6 m (11.8 ft) / 24 strips	7.4 m (24.1 ft) / 49 strips	11.7 m (38.4 ft) / 78 strips	12.2 m (39.9 ft) / 81 strips	18.3 m (60.0 ft) / 122 strips	3 × 11.7 m (38.4 ft) / 78 strips
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SloanLED BrightLINE Outdoor, Short

Short	1.1	3.6 m (11.8 ft) / 24 strips	7.2 m (23.6 ft) / 48 strips	11.6 m (37.9 ft) / 77 strips	12.2 m (39.9 ft) / 81 strips	18.2 m (59.5 ft) / 121 strips	3 × 11.6 m (37.9 ft) / 77 strips
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SloanLED BrightLINE Outdoor, Long

Long	3.3	1.2 m (3.9 ft) / 8 strips	2.4 m (7.9 ft) / 16 strips	3.8 m (12.3 ft) / 25 strips	4.1 m (13.3 ft) / 27 strips	6.0 m (19.7 ft) / 40 strips	3 × 3.8 m (12.3 ft) / 25 strips
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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.

* Any combination thereof not to exceed power rating of power supply.

Power Supply Capacity – 24 VDC products

Maximum number of modules based on 90% of rated capacity

Sign Cabinet/Box products

Model	Power used per m/ft in Watts	Quantum 30 W [701895-30E1]	60S1(D) 60 W [701895-60S1(D)] Quantum 60 W [701895-60E1]	24 VDC Power Supply [701895-24C1] 24S1 100 W Power Supply [701895-24S1] 24S2(D) 100 W Power Supply [701895-24S2(D)]	Quantum 100 W [701895-100E1]	Quantum 150 W [701895-150E1]	300T1 Power Supply [701895-300T1]
		Power output: 30 W	Power output: 60 W	Power output: 96 W	Power output: 100 W	Power output: 150 W	Power output: 300 W

SignBOX 3

Max. SignBOX 3 Single-sided modules, or one side of double-sided	6.3 / 1.92	14	28	48	48	72	3 × 48
Maximum SignBOX 3 Double-sided modules, both sides	12.6 / 3.84	7	14	24	24	36	3 × 24

SignBOX 3 Slim

Max. SignBOX 3 Slim modules	7.9 / 2.4	21	43	72	72	108	3 × 72
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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.

* Any combination thereof not to exceed power rating of power supply.

Power Supply Capacity – 24 VDC products

Maximum number of modules based on 90% of rated capacity

Sign Cabinet/Box products

Length	Watts per assembly (single-sided/ double-sided)	Quantum 30 W [701895-30E1]	60S1(D) 60 W [701895-60S1(D)] Quantum 60 W [701895-60E1]	24 VDC Power Supply [701895-24C1] 24S1 100 W Power Supply [701895-24S1] 24S2(D) 100 W Power Supply [701895-24S2(D)]	Quantum 100 W [701895-100E1]	Quantum 150 W [701895-150E1]	300T1 Power Supply [701895-300T1]
		Power output: 30 W	Power output: 60 W	Power output: 96 W	Power output: 100 W	Power output: 150 W	Power output: 300 W

SloanLED PrismBEAM,
24 VDC (701972-[X]WP[D,S][YYY]3)

Maximum lamps per power supply (single-sided/double-sided)

0.46 m (18 in)	3.1 / 6.2	8/4	17/8	28/14	28/14	43/22	3 × 28/14
0.61 m (24 in)	4.7 / 9.4	5/2	11/5	19/9	19/9	28/14	3 × 19/9
0.76 m (30 in)	4.7 / 9.4	5/2	11/5	19/9	19/9	28/14	3 × 19/9
0.91 m (36 in)	6.2 / 12.5	4/2	8/4	14/7	14/7	21/10	3 × 14/7
1.07 m (42 in)	7.8 / 15.6	3/1	7/3	11/5	11/5	17/8	3 × 11/5
1.22 m (48 in)	9.4 / 18.7	2/1	5/2	9/4	9/4	14/7	3 × 9/4
1.52 m (60 in)	10.9 / 21.8	2/1	5/2	8/4	8/4	12/6	3 × 8/4
1.63 m (64 in)	12.5 / 25.0	2/1	4/2	7/3	7/3	10/5	3 × 7/3
1.83 m (72 in)	14.0 / 28.1	1/1	3/1	6/3	6/3	9/4	3 × 6/3
2.13 m (84 in)	15.6 / 31.2	1/-	3/1	5/2	5/2	8/4	3 × 5/2
2.44 m (96 in)	18.7 / 37.4	1/-	2/1	4/2	4/2	7/3	3 × 4/2
2.74 m (108 in)	20.3 / 40.6	1/-	2/1	4/2	4/2	6/3	3 × 4/2
2.97 m (117 in)	21.8 / 43.7	1/-	2/1	4/2	4/2	6/3	3 × 4/2
3.05 m (120 in)	21.8 / 43.7	1/-	2/1	4/2	4/2	6/3	3 × 4/2

* If length of part is unknown, it can be found in product part number: X= CCT, YYY = Length in inches (701972-[X]WP[D,S][YYY]3).

Length	Watts per assembly (single-sided/ double-sided)	Quantum 30 W [701895-30E1]	60S1(D) 60 W [701895-60S1(D)] Quantum 60 W [701895-60E1]	24 VDC Power Supply [701895-24C1] 24S1 100 W Power Supply [701895-24S1] 24S2(D) 100 W Power Supply [701895-24S2(D)]	Quantum 100 W [701895-100E1]	Quantum 150 W [701895-150E1]	300T1 Power Supply [701895-300T1]
		Power output: 30 W	Power output: 60 W	Power output: 96 W	Power output: 100 W	Power output: 150 W	Power output: 300 W

SloanLED PrismBEAM²⁴,
(701972-[X]W24P[D,S][YYY]1)

Maximum lamps per power supply (single-sided/double-sided)

0.46 m (18 in)	2.5 / 5.1	10 / 5	21 / 10	36 / 18	36 / 18	54 / 26	3 × 36 / 18
0.61 m (24 in)	2.5 / 5.1	10 / 5	21 / 10	36 / 18	36 / 18	54 / 26	3 × 36 / 18
0.76 m (30 in)	3.8 / 7.6	7 / 3	14 / 7	24 / 12	24 / 12	35 / 17	3 × 24 / 12
0.91 m (36 in)	3.8 / 7.6	7 / 3	14 / 7	24 / 12	24 / 12	35 / 17	3 × 24 / 12
1.07 m (42 in)	5.1 / 10.2	5 / 2	10 / 5	18 / 9	18 / 9	26 / 13	3 × 18 / 9
1.22 m (48 in)	6.4 / 12.7	4 / 2	8 / 4	14 / 7	14 / 7	21 / 10	3 × 14 / 7
1.52 m (60 in)	7.6 / 15.3	3 / 1	7 / 3	12 / 6	12 / 6	17 / 8	3 × 12 / 6
1.63 m (64 in)	7.6 / 15.3	3 / 1	7 / 3	12 / 6	12 / 6	17 / 8	3 × 12 / 6
1.83 m (72 in)	8.9 / 17.8	3 / 1	6 / 3	10 / 5	10 / 5	15 / 7	3 × 10 / 5
2.13 m (84 in)	10.2 / 20.4	2 / 1	5 / 2	9 / 4	9 / 4	13 / 6	3 × 9 / 4
2.44 m (96 in)	11.5 / 22.9	2 / 1	4 / 2	8 / 4	8 / 4	11 / 5	3 × 8 / 4
2.74 m (108 in)	14.0 / 28.0	1 / 1	3 / 1	6 / 3	6 / 3	9 / 4	3 × 6 / 3
2.97 m (117 in)	15.3 / 30.5	1 / -	3 / 1	6 / 3	6 / 3	8 / 4	3 × 6 / 3
3.05 m (120 in)	15.3 / 30.5	1 / -	3 / 1	6 / 3	6 / 3	8 / 4	3 × 6 / 3

† If length of part is unknown, it can be found in product part number: X= CCT, YYY = Length in inches (701972-[X]W24P[D,S][YYY]1).

Border Tubing & Accent products

Model	Watts per assembly	Quantum 30 W [701895-30E1]	60S1(D) 60 W [701895-60S1(D)] Quantum 60 W [701895-60E1]	24 VDC Power Supply [701895-24C1] 24S1 100 W Power Supply [701895-24S1] 24S2(D) 100 W Power Supply [701895-24S2(D)]	Quantum 100 W [701895-100E1]	Quantum 150 W [701895-150E1]	300T1 Power Supply [701895-300T1]
		Power output: 30 W	Power output: 60 W	Power output: 96 W	Power output: 100 W	Power output: 150 W	Power output: 300 W

FlexiBRITE²⁴

All colors*	9.0 W/m (2.7 W/ft)	Max. 3.0 m (9.8 ft)	Max. 6.0 m (19.7 ft)	Max. 9.6 m (31.5 ft)	Max. 10.0 m (32.8 ft)	Max. 15.0 m (49.2 ft)	Max. 3 × 9.6 m (31.5 ft)
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Power Supply Capacity – 24 VDC products

Maximum number of modules based on 90% of rated capacity

Border Tubing & Accent products

Model	Watts per assembly	Quantum 30 W [701895-30E1]	60S1(D) 60 W [701895-60S1(D)] Quantum 60 W [701895-60E1]	24 VDC Power Supply [701895-24C1] 24S1 100 W Power Supply [701895-24S1] 24S2(D) 100 W Power Supply [701895-24S2(D)]	Quantum 100 W [701895-100E1]	Quantum 150 W [701895-150E1]	300T1 Power Supply [701895-300T1]
		Power output: 30 W	Power output: 60 W	Power output: 96 W	Power output: 100 W	Power output: 150 W	Power output: 300 W

LEDStripe, 24 VDC

All colors*	5 W/m (1.5 W/ft)	Max. 5.5 m / 18 ft	Max. 11 m / 36 ft	Two legs 9.04 m (30 ft) each*	Two legs 9.04 m (30 ft) each*	Three legs 9.04 m (30 ft) each*	3 X two legs 9.04 m (30 ft) each*
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* Footages expressed are total (maximum 30 ft [9.1 m] per leg). Power Output is based on Power Supply loading of two parallel 30 ft (9.1 m) legs. Actual power draw may depend on loading configuration.

Linear Lighting products

Model	Watts per assembly	24 VDC Power Supply [701895-24C1] 24S1 100 W Power Supply [701895-24S1] 24S2(D) 100 W Power Supply [701895-24S2(D)]
		Power output: 96 W

HighLINER 3, 24 VDC

HighLINER 3	11.8 W/m (3.6 W/ft)	Max. 7 m / 24 ft
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Model	Watts per assembly	Quantum 30 W [701895-30E1]	Quantum 60 W [701895-60E1]	24 VDC Power Supply [701895-24C1] 24S1 100 W Power Supply [701895-24S1] 24S2(D) 100 W Power Supply [701895-24S2(D)]	Quantum 100 W [701895-100E1]	Quantum 150 W [701895-150E1]	300T1 Power Supply [701895-300T1]
		Power output: 30 W	Power output: 60 W	Power output: 96 W	Power output: 100 W	Power output: 150 W	Power output: 300 W

HighLINER 2, 24 VDC

HighLINER 2	11.8 W/m (3.6 W/ft)	1	3	6	6	9	3 x 6
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Model	Watts per assembly	Quantum 30 W [701895-30E1]	60S1(D) 60 W [701895-60S1(D)] Quantum 60 W [701895-60E1]	24 VDC Power Supply [701895-24C1] 24S1 100 W Power Supply [701895-24S1] 24S2(D) 100 W Power Supply [701895-24S2(D)]	Quantum 100 W [701895-100E1]	Quantum 150 W [701895-150E1]	300T1 Power Supply [701895-300T1]
		Power output: 30 W	Power output: 60 W	Power output: 96 W	Power output: 100 W	Power output: 150 W	Power output: 300 W

SloanLED LEDBlade, 24 VDC

SloanLED LEDBlade	30	-	One (1), 1.5-m (5-ft) SloanLED LEDBlade section	Three (3), 1.5-m (5-ft) SloanLED LEDBlade sections	Three (3), 1.5-m (5-ft) SloanLED LEDBlade sections	Four (4), 1.5-m (5-ft) SloanLED LEDBlade sections	3 x three (3), 1.5-m (5-ft) SloanLED LEDBlade sections
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