

# Gardens at Night Voltage Drop Chart

The Voltage Drop Chart can be used to determine the maximum length of Gardens at Night extra low voltage cable (in meters) that can be used before experiencing voltage drop. It is **very** important that you do not exceed these lengths.

■ This chart is calculated for 24 volt.

	WATTS	1.3MM2	2.9MM2	4.6MM2
	20	141.18	337.50	526.83
	40	70.59	168.75	263.41
	50	56.47	135.00	210.73
	60	47.06	112.50	175.61
	70	40.34	96.43	150.52
	80	35.29	84.38	131.71
	90	31.37	75.00	117.07
	100	28.24	67.50	105.37
	110	25.67	61.36	95.79
	120	23.53	56.25	87.80
	130	21.72	51.92	81.05
	140	20.17	48.21	75.26
	150	18.82	45.00	70.24
	160	17.65	42.19	65.85
	170	16.61	39.71	61.98
	180	15.69	37.50	58.54
	190	14.86	35.53	55.46
	200	14.12	33.75	52.68
	210	13.45	32.14	50.17
	220	12.83	30.68	47.89
	230	12.28	29.35	45.81
	240	11.76	28.13	43.90
	250	11.29	27.00	42.15
	260	10.86	25.96	40.53
	270	10.46	25.00	39.02
	280	10.08	24.11	37.63
	290	9.74	23.28	36.33
	300	9.41	22.50	35.12