

VOLTAGE DROP CHART

Wattage	1.84mm	2.9mm	4.0mm	6.0mm	10.0mm
20W	32m	50m	69m	104m	173m
40W	16m	25m	35m	52m	87m
50W	13m	20m	28m	42m	69m
60W	11m	17m	23m	34m	58m
70W	9m	14m	19m	29m	50m
80W	8m	13m	17m	26m	43m
90W	7m	11m	15m	23m	38m
100W	6m	10m	14m	21m	34m
120W	5m	8m	11m	17m	29m
140W	4m	7m	10m	15m	24m
160W	4m	6m	9m	13m	21m
180W	4m	6m	8m	11m	19m
200W	3m	5m	7m	10m	17m
250W	3m	4m	6m	8m	14m
300W	2m	3m	4m	6m	12m

To calculate your correct cable size simply multiply the number of lights on the run by the wattage of each globe and use the above table