

Maximum Wiring Distance (Feet)

		Wire Size									
		10AWG (5.6mm ²)	12AWG (3.3mm ²)	14AWG (2.0mm ²)	16AWG (1.3mm ²)	18AWG (0.78mm ²)	20AWG (0.50mm ²)	22AWG (0.33mm ²)	24AWG (0.2mm ²)	26AWG (0.13mm ²)	
LED System	Constant Current	350mA	714	420	275	170	108	68	43	26	16
		700mA	357	210	137	85	54	34	21	13	8
		1050mA	238	140	92	57	36	23	14	9	5
		1400mA	179	105	69	43	27	17	11	7	4
		1750mA	143	84	55	34	22	14	9	5	3
		2100mA	119	70	46	28	18	11	7	4	3
		2450mA	102	60	39	24	15	10	6	4	2
		2800mA	89	53	34	21	14	9	5	3	2
		3150mA	79	47	31	19	12	8	5	3	2
		3500mA	71	42	27	17	11	7	4	3	2
		3850mA	65	38	25	15	10	6	4	2	1
		4200mA	60	35	23	14	9	6	4	2	1
		4550mA	55	32	21	13	8	5	3	2	1
	4900mA	51	30	20	12	8	5	3	2	1	
	12Vdc	12W	500	294	192	119	76	48	30	18	11
		25W	240	141	92	57	36	23	14	9	6
		60W	100	59	38	24	15	10	6	4	2
	24Vdc	17W	706	415	271	168	107	67	42	26	16
		25W	480	282	185	114	73	46	29	18	11
		40W	300	176	115	71	45	29	18	11	7
80W		150	88	58	36	23	14	9	5	3	
100W		120	71	46	29	18	11	7	4	3	