

## Maximum Wiring Distance (Feet)

		WIRE SIZE									
		10AWG (5.6mm <sup>2</sup> )	12AWG (3.3mm <sup>2</sup> )	14AWG (2.0mm <sup>2</sup> )	16AWG (1.3mm <sup>2</sup> )	18AWG (0.78mm <sup>2</sup> )	20AWG (0.50mm <sup>2</sup> )	22AWG (0.33mm <sup>2</sup> )	24AWG (0.2mm <sup>2</sup> )	26AWG (0.13mm <sup>2</sup> )	
<b>LED SYSTEM</b>	<b>Constant Current</b>	<b>350mA</b>	714	420	275	170	108	68	43	26	16
		<b>500mA</b>	471	277	181	112	71	44	28	17	10
		<b>700mA</b>	357	210	137	85	54	34	21	13	8
		<b>1050mA</b>	238	140	92	57	36	23	14	9	5
		<b>1400mA</b>	179	105	69	43	27	17	11	7	4
		<b>1750mA</b>	143	84	55	34	22	14	9	5	3
		<b>2100mA</b>	119	70	46	28	18	11	7	4	3
		<b>2450mA</b>	102	60	39	24	15	10	6	4	2
		<b>2800mA</b>	89	53	34	21	14	9	5	3	2
		<b>3150mA</b>	79	47	31	19	12	8	5	3	2
		<b>3500mA</b>	71	42	27	17	11	7	4	3	2
		<b>3850mA</b>	65	38	25	15	10	6	4	2	1
		<b>4200mA</b>	60	35	23	14	9	6	4	2	1
		<b>4550mA</b>	55	32	21	13	8	5	3	2	1
	<b>4900mA</b>	51	30	20	12	8	5	3	2	1	
	<b>12Vdc</b>	<b>12W</b>	500	294	192	119	76	48	30	18	11
		<b>25W</b>	240	141	92	57	36	23	14	9	6
		<b>60W</b>	100	59	38	24	15	10	6	4	2
	<b>24Vdc</b>	<b>17W</b>	706	415	271	168	107	67	42	26	16
		<b>25W</b>	480	282	185	114	73	46	29	18	11
<b>40W</b>		300	176	115	71	45	29	18	11	7	
<b>80W</b>		150	88	58	36	23	14	9	5	3	
<b>100W</b>		120	71	46	29	18	11	7	4	3	

