

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 |
| | | 500mA | 471 | 277 | 181 | 112 | 71 | 44 | 28 | 17 | 10 |
| | | 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 | |

