

DISTANCE FROM DRIVER
(24V system including dimmer)

Wattage	20 AWG wire	18 AWG wire	14 AWG wire
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10W	280 ft	150 ft	175 ft+
20W	140 ft	150 ft	175 ft+
30W	90 ft	150 ft	175 ft+
40W	70 ft	112 ft	175 ft+
50W	55 ft	90 ft	175 ft+
60W	45 ft	75 ft	175 ft+
70W	40 ft	64 ft	162 ft
80W	35 ft	55 ft	143 ft
90W	30 ft	50 ft	127 ft
100W	28 ft	45 ft	114 ft
110W	25 ft	40 ft	104 ft
120W	22 ft	36 ft	95 ft
130W	20 ft	34 ft	88 ft
140W	18 ft	32 ft	81 ft
150W	18 ft	30 ft	76 ft
160W	17 ft	28 ft	71 ft
170W	16 ft	26 ft	67 ft
180W	15 ft	25 ft	63 ft
190W	14 ft	23 ft	60 ft
200W	14 ft	22 ft	57 ft
210W	13 ft	20 ft	54 ft
220W	12 ft	20 ft	52 ft
230W	12 ft	19 ft	49 ft
240W	11 ft	18 ft	47 ft
250W	11 ft	18 ft	45 ft

ON SPEC SHEET MAX DIST.
(based on max capacity)

20 AWG wire	18 AWG wire	14 AWG wire
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MLV

300W	11 ft	18 ft	45 ft
200W	17 ft	28 ft	71 ft
150W	22 ft	36 ft	95 ft
96W	45 ft	55 ft	143 ft
60W	55 ft	90 ft	175 ft+
40W	90 ft	150 ft	175 ft+
20W	125 ft	140 ft	175 ft+

E-series

96W	34 ft	51 ft	130 ft
75W	40 ft	64 ft	162 ft
60W	48 ft	80 ft	175 ft+
40W	80 ft	122 ft	175 ft+
20W	140 ft	150 ft	175 ft+

0-10V

96W	28 ft	45 ft	114 ft
60W	43 ft	72 ft	175 ft+
30W	88 ft	145 ft	175 ft+

ELV

96W	28 ft	45 ft	114 ft
60W	43 ft	72 ft	175 ft+
30W	88 ft	145 ft	175 ft+