LED Strip Length SD 12 V 7.20 W/M 4% Voltage Drop 150 °C WIRE

Lead Cable Length

Max Wattage (60W) allowed by UL

Meters	0.2	0.4	0.6	0.8	1.0	1.2	1.4	1.6	1.8	2.0	2.2	2.4	2.6	2.8	3.0	3.2	3.4	3.6	3.8	4.0	4.2	4.4	4.6	4.8	5.0	5.2	5.4	5.6	5.8	6.0	6.2	6.4	6.6	6.8	7.0	7.2	7.4	7.6	7.8	8.0	8.2	8.4
FEET	0.66	1.31	1.97	2.62	3.28	3.94	4.59	5.25	5.91	6.56	7.22	7.87	8.53	9.19	9.84	10.50	11.15	11.81	12.47	13.12	13.78	14.44	15.09	15.75	16.40	17.06	17.72	18.37	19.03	19.69	20.34	21.00	21.65	22.31	22.97	23.62	24.28	24.93	25.59	26.25	26.90	27.56
AMPS	0.12	0.24	0.36	0.48	0.60	0.72	0.84	0.96	1.08	1.20	1.32	1.44	1.56	1.68	1.80	1.92	2.04	2.16	2.28	2.40	2.52	2.64	2.76	2.88	3.00	3.12	3.24	3.36	3.48	3.60	3.72	3.84	3.96	4.08	4.20	4.32	4.44	4.56	4.68	4.80	4.92	5.04
Watts	1.44	2.88	4.32	5.76	7.20	8.64	10.08	11.52	12.96	14.40	15.84	17.28	18.72	20.16	21.60	23.04	24.48	25.92	27.36	28.80	30.24	31.68	33.12	34.56	36.00	37.44	38.88	40.32	41.76	43.20	44.64	46.08	47.52	48.96	50.40	51.84	53.28	54.72	56.16	57.60	59.04	60.48

Meters	Ft																																									
0.5	1.6	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22	20	20	20	20	20	20	20	20	20	20	20	20	18	18	18	18
1.0	3.3	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22	20	20	20	20	20	20	20	20	20	20	20	20	18	18	18	18
1.5	4.9	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22	20	20	20	20	20	20	20	20	20	20	20	20	18	18	18	18
2.0	6.6	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22	20	20	20	20	20	20	20	20	20	20	20	20	18	18	18	18
2.5	8.2	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22	20	20	20	20	20	20	20	20	20	20	20	20	18	18	18	18
3.0	9.8	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22	20	20	20	20	20	20	20	20	20	20	20	20	20	18	18	18	18
3.5	11.5	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22	20	20	20	20	20	20	20	20	20	20	20	20	20	18	18	18	18	18	18	18	18
4.0	13.1	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22	20	20	20	20	20	20	20	20	20	20	20	20	18	18	18	18	18	18	18	18	18	18	18	18
4.5	14.8	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22	20	20	20	20	20	20	20	20	20	20	18	18	18	18	18	18	18	18	18	18	18	18	18	18	18	18
5.0	16.4	22	22	22	22	22	22	22	22	22	22	22	22	22	22	20	20	20	20	20	20	20	20	20	18	18	18	18	18	18	18	18	18	18	18	18	18	18	16	16	16	16
5.5	18.0	22	22	22	22	22	22	22	22	22	22	22	22	20	20	20	20	20	20	20	20	18	18	18	18	18	18	18	18	18	18	18	18	18	16	16	16	16	16	16	16	16
6.0	19.7	22	22	22	22	22	22	22	22	22	22	22	20	20	20	20	20	20	20	20	18	18	18	18	18	18	18	18	18	18	18	16	16	16	16	16	16	16	16	16	16	16
6.5	21.3	22	22	22	22	22	22	22	22	22	22	20	20	20	20	20	20	20	18	18	18	18	18	18	18	18	18	18	16	16	16	16	16	16	16	16	16	16	16	16	16	16
7.0	23.0	22	22	22	22	22	22	22	22	22	20	20	20	20	20	20	20	18	18	18	18	18	18	18	18	18	18	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16
7.5	24.6	22	22	22	22	22	22	22	22	22	20	20	20	20	20	20	18	18	18	18	18	18	18	18	18	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	14	14
8.0	26.2	22	22	22	22	22	22	22	22	20	20	20	20	20	20	18	18	18	18	18	18	18	18	16	16	16	16	16	16	16	16	16	16	16	16	16	14	14	14	14	14	14
8.5	27.9	22	22	22	22	22	22	22	20	20	20	20	20	20	18	18	18	18	18	18	18	18	16	16	16	16	16	16	16	16	16	16	16	16	14	14	14	14	14	14	14	14
9.0	29.5	22	22	22	22	22	22	22	20	20	20	20	20	18	18	18	18	18	18	18	18	16	16	16	16	16	16	16	16	16	16	16	16	14	14	14	14	14	14	14	14	14
9.5	31.2	22	22	22	22	22	22	20	20	20	20	20	18	18	18	18	18	18	18	18	16	16	16	16	16	16	16	16	16	16	16	14	14	14	14	14	14	14	14	14	14	14
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10.5	34.4	22	22	22	22	22	22	20	20	20	20	18	18	18	18	18	18	16	16	16	16	16	16	16	16	16	16	14	14	14	14	14	14	14	14	14	14	14	14	14	14	14
11.0	36.1	22	22	22	22	22	20	20	20	20	18	18	18	18	18	18	18	16	16	16	16	16	16	16	16	16	16	14	14	14	14	14	14	14	14	14	14	14	14	14	14	14
11.5	37.7	22	22	22	22	22	20	20	20	20	18	18	18	18	18	18	16	16	16	16	16	16	16	16	16	16	14	14	14	14	14	14	14	14	14	14	14	14	14	14	14	12
12.0	39.4	22	22	22	22	22	20	20	20	20	18	18	18	18	18	16	16	16	16	16	16	16	16	16	16	14	14	14	14	14	14	14	14	14	14	14	14	14	14	14	12	12
12.5	41.0	22	22	22	22	22	20	20	20	18	18	18	18	18	18	16	16	16	16	16	16	16	16	16	14	14	14	14	14	14	14	14	14	14	14	14	14	14	12	12	12	12
13.0	42.7	22	22	22	22	22	20	20	20	18	18	18	18	18	16	16	16	16	16	16	16	16	16	14	14	14	14	14	14	14	14	14	14	14	14	14	12	12	12	12	12	12
13.5	44.3	22	22	22	22	22	20	20	20	18	18	18	18	18	16	16	16	16	16	16	16	16	14	14	14	14	14	14	14	14	14	14	14	14	12	12	12	12	12	12	12	12
14.0	45.9	22	22	22	22	22	20	20	20	18	18	18	18	18	16	16	16	16	16	16	16	14	14	14	14	14	14	14	14	14	14	14	14	14	12	12	12	12	12	12	12	12
14.5	47.6	22	22	22	22	22	20	20	20	18	18	18	18	18	16	16	16	16	16	16	14	14	14	14	14	14	14	14	14	14	14	14	14	12	12	12	12	12	12	12	12	12
15.0	49.2	22	22	22	22	22	20	20	20	18	18	18	18	16	16	16	16	16	16	16	16	14	14	14	14	14	14	14	14	14	14	14	12	12	12	12	12	12	12	12	12	12
15.5	50.9	22	22	22	22	20	20	20	18	18	18	18	18	16	16	16	16	16	16	16	14	14	14	14	14	14	14	14	14	14	14	12	12	12	12	12	12	12	12	12	12	12
16.0	52.5	22	22	22	22	20	20	20	18	18	18	18	16	16	16	16	16	16	14	14	14	14	14	14	14	14	14	14	14	12	12	12	12	12	12	12	12	12	12	12	12	12
16.5	54.1	22	22	22	22	20	20	20	18	18	18	18	16	16	16	16	16	16	14	14	14	14	14	14	14	14	14	14	12	12	12	12	12	12	12	12	12	12	12	12	12	12
17.0	55.8	22	22	22	22	20	20	20	18	18	18	18	16	16	16	16	16	14	14	14	14	14	14	14	14	14	14	14	12	12	12	12	12	12	12	12	12	12	12	12	12	12
17.5	57.4	22	22	22	22	20	20	18	18	18	18	16	16	16	16	16	16	14	14	14	14	14	14	14	14	14	14	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12
18.0	59.1	22	22	22	22	20	20	18	18	18	18	16	16	16	16	16	14	14	14	14	14	14	14	14	14	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12
18.5	60.7	22	22	22	22	20	20	18	18	18	18	16	16	16	16	16	14	14	14	14	14	14	14	14	14	14	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	10
19.0	62.3	22	22	22	20	20	20	18	18	18	18	16	16	16	16	16	14	14	14	14	14	14	14	14	14	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	10	10
19.5	64.0	22	22	22	20	20	20	18	18	18	16	16	16	16	16	14	14	14	14	14	14	14	14	14	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	10	10	10
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21.0	68.9	22	22	22	20	20	18	18	18	18	16	16	16	16	14	14	14	14	14	14	14	14	12	12	12	12	12	12	12	12	12	12	12	12	12	12	10	10	10	10	10	10
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22.0	72.2	22	22	22	20	20	18	18	18	16	16	16	16	14	14	14	14	14	14	14	14	12	12	12	12	12	12	12	12	12	12	12	12	12	10	10	10	10	10	10	10	10
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23.5	77.1	22	22	22	20	20	18	18	18	16	16	16	16	14	14	14	14	14	14	14	12	12	12	12	12	12	12	12	12	12	12	12	10	10	10	10	10	10	10	10	10	10
24.0	78.7	22	22	22	20	20	18	18	16	16	16	16	16	14	14	14	14	14	14	14	12	12	12	12	12	12	12	12	12	12	12	10	10	10	10	10	10	10	10	10	10	10
24.5	80.4	22	22	22	20	18	18	18	16	16	16	16	16	14	14	14	14	14	14	12	12	12	12	12	12	12	12	12	12	12	10	10	10	10	10	10	10	10	10	10	10	10
25.0	82.0	22	22	22	20	18	18	18	16	16	16	16	16	14	14	14	14	14	14	12	12	12	12	12	12	12	12	12	12	10	10	10	10	10	10	10	10	10	10	10	10	10
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30.0	98.4	22	22	20	20	18	18	16	16	16	16	14	14	14	14	14	14	12	12	12	12	12	12	12	12	12	10	10	10	10	10	10	10	10	10	10	10	10	10	10	#N/A	#N/A
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