

# **WIRE GAUGE SELECTION TABLE** **12 Volt DC Chart**

	Feet	3'	5'	7'	10'	15'	20'	25'
Amps in Wire	Watts at 12V	AWG						
0 to 5	30	18	18	18	18	18	18	18
6	36	18	18	18	18	18	18	16
7	42	18	18	18	18	18	18	16
8	48	18	18	18	18	18	16	16
10	60	18	18	18	18	16	16	16
11	66	18	18	18	18	16	16	14
12	72	18	18	18	18	16	16	14
15	90	18	18	18	18	14	14	12
18	108	18	18	16	16	14	14	12
20	120	18	18	16	16	14	12	10
22	132	18	18	16	16	12	12	10
24	144	18	18	16	16	12	12	10
30	180	18	16	16	14	10	10	10
40	240	18	16	14	12	10	10	8
50	300	16	14	12	12	10	10	8
100	600	12	12	10	10	6	6	4
150	900	10	10	8	8	4	4	2
200	1200	10	8	8	6	4	4	2