

LEDs (half brightness)	Current Consumption (Amps)
1	0.07
2	0.095
3	0.12
5	0.169
10	0.289
20	0.536
30	0.755
35	0.883
40	1.012
50	1.311
LEDs (FULL brightness)	Current Consumption (Amps)
10	0.52
15	0.737
25	1.328
27	1.426
29	1.523
31	1.618
40	2.018
Function at 55 LEDs	Current Consumption (Amps)
Slice Rainbow (.25 Brightness)	0.336
Slice Rainbow (.50 Brightness)	0.6
Rainbow Cycle (.25 Brightness)	0.281
Rainbow Cycle (.50 Brightness)	0.5
Function at 85 LEDs	Current Consumption (Amps)
Slice Rainbow (.25 Brightness)	0.5
Slice Rainbow (.50 Brightness)	0.89
Rainbow Cycle (.25 Brightness)	0.425
Rainbow Cycle (.50 Brightness)	0.727