Position (mm)	Current in 1/100 micro-Amperes	Log of Current
0	5	0.698970004
0.2	5	0.698970004
0.4	5	0.698970004
0.6	5	0.698970004
0.8	5	0.698970004
1	4	0.602059991
1.2	4	0.602059991
1.4	4	0.602059991
1.6	4	0.602059991
1.8	4	0.602059991
2	4	0.602059991
2.2	5	0.698970004
2.4	5	0.698970004
2.6	5	0.698970004
2.8	5	0.698970004
3	5	0.698970004
3.2	4	0.602059991
3.4	4	0.602059991
3.6	3	0.477121255
3.8	3	0.477121255
4	3	0.477121255
4.2	3	0.477121255
4.4	4	0.602059991
4.6	4	0.602059991
4.8	5	0.698970004
5	6	0.77815125
5.2	5	0.698970004
5.4	5	0.698970004
5.6	4	0.602059991
5.8	4	0.602059991
6	4	0.602059991
6.2	4	0.602059991
6.4	4	0.602059991
6.6	4	0.602059991
6.8	6	0.77815125
7	6	0.77815125
7.2	5	0.698970004
7.4	5	0.698970004
7.6	5	0.698970004
7.8	5	0.698970004
8	4	0.602059991
8.2	4	0.602059991
8.4	4	0.602059991
8.6	4	0.602059991
8.8	5	0.698970004
9	6	0.77815125
9.2	5	0.698970004
9.4	6	0.77815125
9.6	6	0.77815125
9.8	6	0.77815125
10	6	0.77815125
10.2	5	0.698970004
10.4	4	0.602059991
10.6	4	0.602059991
10.8	4	0.602059991
11	5	0.698970004
11.2	6	0.77815125
11.4	7	0.84509804
11.6	6	0.77815125
11.8	7	0.84509804
12	7	0.84509804
12.2	6	0.77815125
12.4	7	0.84509804
12.6	4	0.602059991
12.8	4	0.602059991
13	4	0.602059991
13.2	5	0.698970004
13.4	7	0.84509804
13.6	9	0.954242509
13.8	9	0.954242509
14	8	0.903089987
14.2	8	0.903089987
14.4	8	0.903089987
14.6	7	0.84509804
14.8	4	0.602059991
15	4	0.602059991
15.2	4	0.602059991
15.4	4	0.602059991
15.6	7	0.84509804
15.8	7	0.84509804
16	9	0.954242509
16.2	11	1.041392685
16.4	8	0.903089987
16.6	8	0.903089987
16.8	7	0.84509804
17	7	0.84509804
17.2	4	0.602059991
17.4	4	0.602059991
17.6	4	0.602059991
17.8	7	0.84509804
18	10	1
18.2	13	1.113943352
18.4	16	1.204119983
18.6	16	1.204119983
18.8	14	1.146128036
19	15	1.176091259
19.2	12	1.079181246
19.4	7	0.84509804
19.6	7	0.84509804

19.8	11	1.041392685
20	14	1.146128036
20.2	18	1.255272505
20.4	25	1.397940009
20.6	18	1.255272505
20.8	23	1.361727836
21	29	1.462397998
21.2	24	1.380211242
21.4	20	1.301029996
21.6	25	1.397940009
21.8	11	1.041392685
22	13	1.113943352
22.2	18	1.255272505
22.4	22	1.342422681
22.6	57	1.755874856
22.8	86	1.934498451
23	75	1.875061263
23.2	60	1.77815125
23.4	90	1.954242509
23.6	100	2
23.8	60	1.77815125
24	28	1.447158031
24.2	46	1.662757832
24.4	35	1.544068044
24.6	145	2.161368002
24.8	520	2.716003344
25	50	1.698970004
25.2	505	2.703291378
25.4	594	2.773786445
25.6	95	1.977723605
25.8	435	2.638489257
26	663	2.821513528
26.2	423	2.626340367
26.4	3730	3.571708832
26.6	4630	3.665580991
26.8	3120	3.494154594
27	2550	3.40654018
27.2	5110	3.7084209
27.4	12420	4.094121596
27.6	10990	4.040997692
27.8	5710	3.756636108
28	3910	3.592176757
28.2	3490	3.542825427
28.4	1720	3.235528447
28.6	665	2.822821645
28.8	413	2.615950052
29	442	2.645422269
29.2	156	2.193124598
29.4	147	2.167317335
29.6	143	2.155336037
29.8	88	1.944482672
30	143	2.155336037
30.2	63	1.799340549
30.4	48	1.681241237
30.6	31	1.491361694
30.8	19	1.278753601
31	20	1.301029996
31.2	11	1.041392685
31.4	28	1.447158031
31.6	24	1.380211242
31.8	33	1.51851394
32	25	1.397940009
32.2	33	1.51851394
32.4	28	1.447158031
32.6	16	1.204119983
32.8	11	1.041392685