

1. (Capacitor 104)

a. Bright Light:

13:14:38.630 -> tLeft = 8
13:14:39.235 -> tLeft = 8
13:14:39.838 -> tLeft = 4
13:14:40.439 -> tLeft = 12
13:14:41.032 -> tLeft = 4
13:14:41.636 -> tLeft = 4
13:14:42.241 -> tLeft = 4
13:14:42.847 -> tLeft = 4
13:14:43.454 -> tLeft = 4
13:14:44.046 -> tLeft = 8
Average = 6

b. Ambient:

13:17:27.675 -> tLeft = 176
13:17:28.272 -> tLeft = 172
13:17:28.896 -> tLeft = 172
13:17:29.490 -> tLeft = 172
13:17:30.071 -> tLeft = 172
13:17:30.691 -> tLeft = 172
13:17:31.287 -> tLeft = 172
13:17:31.878 -> tLeft = 176
13:17:32.479 -> tLeft = 172
13:17:33.108 -> tLeft = 176
Average = 173.2

c. Dark:

13:19:29.639 -> tLeft = 461564
13:19:30.693 -> tLeft = 444036
13:19:31.836 -> tLeft = 544236
13:19:33.016 -> tLeft = 577464
13:19:34.215 -> tLeft = 589556
13:19:35.383 -> tLeft = 575224
13:19:36.563 -> tLeft = 583080
13:19:37.759 -> tLeft = 573612
13:19:38.931 -> tLeft = 587876
13:19:40.135 -> tLeft = 608004
Average = 554465.2

2. (Capacitor 103)

a. Bright:

13:27:12.079 -> tLeft = 4
13:27:12.682 -> tLeft = 4
13:27:13.282 -> tLeft = 4
13:27:13.853 -> tLeft = 4
13:27:14.451 -> tLeft = 4

13:27:15.067 -> tLeft = 4

13:27:15.676 -> tLeft = 4

13:27:16.271 -> tLeft = 4

13:27:16.866 -> tLeft = 4

13:27:17.467 -> tLeft = 4

Average = 4

b. Ambient:

13:28:03.162 -> tLeft = 20

13:28:03.792 -> tLeft = 20

13:28:04.388 -> tLeft = 20

13:28:04.967 -> tLeft = 20

13:28:05.566 -> tLeft = 24

13:28:06.180 -> tLeft = 20

13:28:06.793 -> tLeft = 20

13:28:07.402 -> tLeft = 20

13:28:07.992 -> tLeft = 20

13:28:08.579 -> tLeft = 20

Average = 20.04

c. Dark:

13:24:56.636 -> tLeft = 51588

13:24:57.270 -> tLeft = 55568

13:24:57.940 -> tLeft = 52560

13:24:58.585 -> tLeft = 51344

13:24:59.262 -> tLeft = 59580

13:24:59.896 -> tLeft = 56292

13:25:00.567 -> tLeft = 50556

13:25:01.217 -> tLeft = 49944

13:25:01.878 -> tLeft = 51880

13:25:02.522 -> tLeft = 50436

Average = 48244.4

3. Voltage Divider

a. Bright:

14:20:05.649 -> Light level: 839

14:20:06.634 -> Light level: 844

14:20:07.631 -> Light level: 847

14:20:08.663 -> Light level: 862

14:20:09.634 -> Light level: 853

14:20:10.634 -> Light level: 852

14:20:11.638 -> Light level: 851

14:20:12.661 -> Light level: 848

14:20:13.655 -> Light level: 847

14:20:14.664 -> Light level: 846

Average = 848.9

b. Ambient:

14:25:43.850 -> Light level: 410

14:25:44.872 -> Light level: 414

14:25:45.830 -> Light level: 412

14:25:46.853 -> Light level: 412

14:25:47.854 -> Light level: 412

14:25:48.833 -> Light level: 414

14:25:49.845 -> Light level: 407

14:25:50.840 -> Light level: 403

14:25:51.836 -> Light level: 411

14:25:52.848 -> Light level: 411

Average: 410.6

c. Dark:

14:43:53.491 -> Light level: 0

14:43:54.517 -> Light level: 0

14:43:55.518 -> Light level: 0

14:43:56.485 -> Light level: 0

14:43:57.492 -> Light level: 0

14:43:58.499 -> Light level: 0

14:43:59.518 -> Light level: 0

14:44:00.493 -> Light level: 0

14:44:01.513 -> Light level: 0

14:44:02.489 -> Light level: 0

Average: 0