

Magnification	a	b	NA
0	0	0.0052	0.014423077
0.1	0.0572	0.00572	0.013111888
0.15	0.039866667	0.00598	0.012541806
0.2	0.0312	0.00624	0.012019231
0.25	0.026	0.0065	0.011538462
0.3	0.022533333	0.00676	0.011094675
0.35	0.020057143	0.00702	0.010683761
0.4	0.0182	0.00728	0.010302198
0.45	0.016755556	0.00754	0.00994695
0.5	0.0156	0.0078	0.009615385
0.55	0.014654545	0.00806	0.009305211
0.6	0.013866667	0.00832	0.009014423
0.65	0.0132	0.00858	0.008741259
0.7	0.012628571	0.00884	0.008484163
0.75	0.012133333	0.0091	0.008241758
0.8	0.0117	0.00936	0.008012821
0.85	0.011317647	0.00962	0.007796258
0.9	0.010977778	0.00988	0.007591093
0.95	0.010673684	0.01014	0.00739645
1	0.0104	0.0104	0.007211538

alpha=0.01629                      0.03  
 beta=0.014                          0.014  
 start1                                0.01027  
 start2                                0.02596

F#	v Main lens (cycle/m)	v Plenoptic (cycle/m)	x	y	
34.66666667	22785.2716	0	0.00147	0	
38.13333333	20713.88327	2071.388327	0.00199	0.04744	
39.86666667	19813.27965	2971.991948	0.00225	0.029847	
41.6	18987.72633	3797.545267	0.00251	0.02092	
43.33333333	18228.21728	4557.05432	0.00277	0.01546	
45.06666667	17527.132	5258.1396	0.00303	0.011733	
46.8	16877.97896	5907.292637	0.00329	0.008997	
48.53333333	16275.194	6510.0776	0.00355	0.00688	
50.26666667	15713.98041	7071.291186	0.00381	0.005176	
52	15190.18107	7595.090533	0.00407	0.00376	
53.73333333	14700.17523	8085.096374	0.00433	0.002555	
55.46666667	14240.79475	8544.47685	0.00459	0.001507	
57.2	13809.25552	8976.016085	0.00485	0.00058	
58.93333333	13403.10094	9382.170659	0.00511	-0.00025	
60.66666667	13020.1552	9765.1164	0.00537	-0.00101	
62.4	12658.48422	10126.78738	0.00563	-0.0017	
64.13333333	12316.36303	10468.90857	0.00589	-0.00234	
65.86666667	11992.24821	10793.02339	0.00615	-0.00294	
67.6	11684.75467	11100.51693	0.00641	-0.00351	
69.33333333	11392.6358	11392.6358	0.00667	-0.00404	

y1
0.02596
0.02148
0.003887
-0.00504
-0.0105
-0.01423
-0.01696
-0.01908
-0.02078
-0.0222
-0.02341
-0.02445
-0.02538
-0.02621
-0.02697
-0.02766
-0.0283
-0.0289
-0.02947
-0.03

legend:

Optimized

Low lateral resolution

non plenoptic

full res

need positive translation

No Idea yet

No translation

plenoptic 1.0

0

2071.388327

2971.991948

3797.545267

4557.05432

5258.1396

5907.292637

6510.0776

7071.291186

7595.090533

8085.096374

8544.47685

8976.016085

9382.170659

9765.1164

10126.78738

10468.90857

10793.02339

11100.51693

11392.6358