

SCZ2090NM-8 FOV And Zoom Value Comparison Table

Zoom	Zoom Position	FOV_H (°)	FOV_V (°)	FOV_D (°)
1	0000	60.56273571	36.54551346	67.70813142
1.1	010D	60.92879454	36.79608792	68.09688292
1.2	020F	57.11080147	34.21012115	64.02656304
1.3	02FA	55.51491654	33.14657957	62.3150608
1.4	03E5	53.41622301	31.76265748	60.05537717
1.5	04D1	51.73130781	30.66317587	58.23396525
1.6	05B1	50.40178741	29.80259445	56.79225291
1.7	0664	49.13265006	28.98665087	55.41237944
1.8	072E	47.68686297	28.06352594	53.8361736
1.9	07F8	46.54346853	27.33813966	52.58646535
2	08B6	45.32513847	26.56959837	51.25181795
2.1	0969	44.40319832	25.99094599	50.23980517
2.2	0A1D	43.01714635	25.125585	48.71506338
2.3	0AC5	42.07182251	24.53845565	47.67292927
2.4	0B57	41.5259407	24.20051891	47.07033579
2.5	0BF3	40.47029507	23.54924339	45.90336333
2.6	0C90	39.14483873	22.7355732	44.43508528
2.7	0D22	38.20108659	22.15889305	43.38761721
2.8	0DA8	37.59885994	21.79203023	42.71834279
2.9	0E2F	36.8784918	21.35432657	41.9169017
3	0EB5	36.02559639	20.83765191	40.96680739
3.1	0F25	35.09043614	20.27302878	39.92358977
3.2	0FA1	34.57750715	19.96415477	39.35074379
3.3	101C	33.95835483	19.5920704	38.6586636
3.4	108C	33.24072863	19.16181985	37.85569734
3.5	10FC	32.66116901	18.81512349	37.20658856
3.6	116C	31.99607665	18.41809755	36.46100212
3.7	11D1	31.46151737	18.09962824	35.8612271
3.8	1236	30.84126262	17.73079951	35.16473027
3.9	129B	30.34371997	17.43546928	34.60559189
4	1300	29.76803267	17.09432992	33.95815584
4.1	1365	29.21135637	16.76503198	33.33161894
4.2	13BE	28.76278918	16.50008928	32.82641925
4.3	1418	28.5000654	16.34507835	32.5303872
4.4	1466	27.90495554	15.99439758	31.8594545
4.5	14C0	27.33372637	15.6583565	31.21496332
4.6	151A	27.01749531	15.47255946	30.85797468
4.7	1568	26.6321661	15.24638689	30.42279215
4.8	15C2	26.03760486	14.89787408	29.75090364

Zoom	Zoom Position	FOV_H (°)	FOV_V (°)	FOV_D (°)
4.9	1610	25.60853213	14.64671327	29.26572692
5	165F	25.39916898	14.52426515	29.02889821
5.1	16A2	24.99038659	14.28537864	28.56632113
5.2	16F0	24.65949927	14.09219824	28.19172889
5.3	1733	24.27364891	13.86713511	27.75473432
5.4	1782	23.77731608	13.57794915	27.19233274
5.5	17C5	23.59631074	13.47257563	26.98715567
5.6	1808	23.24233149	13.26663859	26.58578743
5.7	1857	22.89867598	13.06687561	26.19597721
5.8	188F	22.61986495	12.90492578	25.87961477
5.9	18DD	22.24060349	12.68479805	25.44912288
6	1915	22.0294687	12.56233655	25.20939409
6.1	1959	21.72008829	12.38299749	24.85801981
6.2	199C	21.3698248	12.18011027	24.46007925
6.3	19DF	21.07836746	12.01140607	24.12884243
6.4	1A0C	20.84142479	11.8743358	23.85949
6.5	1A4F	20.56395694	11.71391098	23.54398955
6.6	1A87	20.42794597	11.63530764	23.38930443
6.7	1ABF	20.16119598	11.48121328	23.08587116
6.8	1AF7	19.90125338	11.33113399	22.79010725
6.9	1B3A	19.64786345	11.18491535	22.50172936
7	1B73	19.31978616	10.99571029	22.12825051
7.1	1BAB	19.15978408	10.90348089	21.94606548
7.2	1BE3	18.96343641	10.79034095	21.72245969
7.3	1C1B	18.73301991	10.65762542	21.46000513
7.4	1C47	18.58246759	10.57094224	21.28849032
7.5	1C7F	18.36108392	10.44352224	21.03624049
7.6	1CB8	18.07391574	10.27831905	20.70896175
7.7	1CF0	17.82985391	10.13798414	20.43074678
7.8	1D1C	17.69330338	10.0594956	20.27506268
7.9	1D49	17.59224448	10.00142013	20.1598318
8	1D81	17.39352453	9.88725297	19.93321601
8.1	1DAE	17.19921048	9.775656599	19.71158854
8.2	1DDB	17.04054376	9.684561504	19.53059292
8.3	1DDB	16.82323085	9.559837326	19.28266013
8.4	1E40	16.70150506	9.48999493	19.14376399
8.5	1E6D	16.49264163	9.370189935	18.90540742
8.6	1EA5	16.31770172	9.269876557	18.70573448
8.7	1ED1	16.14640975	9.171683716	18.51019885
8.8	1EFE	15.97865353	9.075545016	18.31867436
8.9	1F2B	15.86872702	9.012562193	18.19315977

Zoom	Zoom Position	FOV_H (°)	FOV_V (°)	FOV_D (°)
9	1F58	15.7066266	8.919706885	18.00805371
9.1	1F85	15.5216205	8.813760521	17.79676361
9.2	1FB2	15.39210344	8.739609527	17.64882865
9.3	1FDE	15.26471726	8.666693443	17.50331382
9.4	200B	15.08985808	8.566627621	17.30354795
9.5	202D	15.01613179	8.524444852	17.21931262
9.6	205A	14.84685834	8.427612691	17.02589384
9.7	2086	14.70475872	8.346344686	16.86350701
9.8	20B3	14.56533886	8.266626362	16.70416672
9.9	20D5	14.47384405	8.214320033	16.59959061
10	2102	14.361071	8.149859095	16.4706849
10.1	212F	14.20609422	8.061292193	16.29352174
10.2	215B	14.07588153	7.986893222	16.1446534
10.3	217D	13.94802251	7.913852809	15.99846322
10.4	21AA	13.84322581	7.853996983	15.87863245
10.5	21CB	13.76051007	7.806759309	15.78404448
10.6	21F8	13.59799525	7.713965812	15.59818879
10.7	221A	13.51816225	7.668390177	15.50688269
10.8	2247	13.380677	7.589913539	15.34962783
10.9	2268	13.28416546	7.534833658	15.23923016
11	2295	13.13259724	7.448347256	15.06584053
11.1	22B7	13.0580972	7.405843308	14.98060855
11.2	22D8	12.96614739	7.353389778	14.87540762
11.3	2305	12.8395629	7.281189203	14.73057086
11.4	2327	12.73300475	7.220420571	14.60863927
11.5	2348	12.6629392	7.180467825	14.52846083
11.6	2375	12.5421549	7.111602864	14.39023512
11.7	2397	12.45727605	7.063215808	14.29309363
11.8	23B9	12.37353387	7.015481932	14.19724818
11.9	23DA	12.2418545	6.940433726	14.04652749
12	2407	12.14491281	6.885191639	13.93556021
12.1	2429	12.08113037	6.848848976	13.86254624
12.2	244A	11.98669847	6.795047858	13.7544418
12.3	246C	11.90912158	6.750854343	13.66562835
12.4	2499	11.78705846	6.681326752	13.52587711
12.5	24AF	11.72695718	6.647096658	13.457063
12.6	24D1	11.68228051	6.621653123	13.40590809
12.7	24F2	11.57934266	6.563034842	13.28803904
12.8	251F	11.49253842	6.513609531	13.18863854
12.9	2541	11.39289206	6.456878365	13.0745265
13	2562	11.30884165	6.409031547	12.9782696

Zoom	Zoom Position	FOV_H (°)	FOV_V (°)	FOV_D (°)
13.1	2584	11.2123319	6.354097903	12.86773849
13.2	25A6	11.15791713	6.323127567	12.80541555
13.3	25C7	11.06394756	6.269649071	12.69778496
13.4	25E9	10.99778673	6.232000114	12.62200263
13.5	260B	10.90647588	6.18004414	12.51740843
13.6	262C	10.82940414	6.136194413	12.42912086
13.7	264E	10.76600247	6.100125071	12.35649002
13.8	266F	10.69089075	6.057397157	12.27044143
13.9	2686	10.6660852	6.043287101	12.24202326
14	26A7	10.56800028	5.987497574	12.12964995
14.1	26C9	10.5076055	5.953148728	12.06045444
14.2	26EB	10.48363989	5.939519187	12.03299597
14.3	270C	10.43603425	5.912446313	11.97845107
14.4	272E	10.37713009	5.878950015	11.91095892
14.5	2744	10.31888537	5.84583079	11.84422038
14.6	2766	10.24984669	5.80657656	11.7651113
14.7	2788	10.15921572	5.755049681	11.66125623
14.8	27A9	10.10337869	5.723306823	11.59726963
14.9	27CB	10.15921572	5.755049681	11.66125623
15	27E1	10.18172327	5.767845549	11.68704832
15.1	2803	10.10337869	5.723306823	11.59726963
15.2	2819	10.07016936	5.704428495	11.55921249
15.3	283B	10.00439972	5.667042709	11.48384014
15.4	285C	9.961027298	5.642389692	11.43413381
15.5	2873	9.907336459	5.611873181	11.37260077
15.6	2894	9.843664687	5.57568594	11.29962691
15.7	28B6	9.791225202	5.545884226	11.23952464
15.8	28D8	9.70847157	5.498858	11.14467552
15.9	28EE	9.677797602	5.481427967	11.10951722
16	2910	9.617026143	5.446897058	11.03985989
16.1	2926	9.576933101	5.424116963	10.99390345
16.2	2948	9.497739323	5.379123243	10.9031255
16.3	2969	9.439196276	5.345864433	10.83601686
16.4	2980	9.400565989	5.323919277	10.79173349
16.5	29A1	9.305356591	5.269836087	10.68258802
16.6	29B8	9.277167884	5.253824597	10.65027235
16.7	29D9	9.239846963	5.232626579	10.60748684
16.8	29F0	9.16609685	5.190739261	10.52293601
16.9	2A12	9.129660599	5.170045912	10.48116264
17	2A28	9.084519778	5.144409939	10.42940875
17.1	2A4A	9.030935339	5.113980156	10.36797292

Zoom	Zoom Position	FOV_H (°)	FOV_V (°)	FOV_D (°)
17.2	2A60	9.004378984	5.098899774	10.33752489
17.3	2A82	8.951731136	5.069004092	10.27716079
17.4	2A98	8.891079943	5.03456558	10.20761863
17.5	2ABA	8.865336937	5.019948959	10.17810136
17.6	2AD0	8.805844622	4.986171139	10.10988545
17.7	2AF2	8.738821794	4.948119932	10.03303272
17.8	2B08	8.713950012	4.933999938	10.00451257
17.9	2B1E	8.672809571	4.910644738	9.957336692
18	2B40	8.61586007	4.878316246	9.892031171
18.1	2B57	8.559652218	4.846410377	9.827574597
18.2	2B78	8.51994985	4.823874653	9.782044846
18.3	2B8F	8.496304402	4.810453479	9.754928441
18.4	2BA5	8.464980176	4.792674255	9.719005672
18.5	2BC7	8.403018336	4.757506956	9.647946186
18.6	2BDD	8.387669099	4.748795578	9.630342994
18.7	2BF3	8.319284587	4.709985721	9.55191525
18.8	2C15	8.281772007	4.688697401	9.508892497
18.9	2C2B	8.244595624	4.667600549	9.466254685
19	2C42	8.207750945	4.646692593	9.423996684
19.1	2C63	8.156717274	4.617734005	9.365463981
19.2	2C7A	8.127838627	4.601347635	9.332341299
19.3	2C90	8.092026136	4.581027405	9.291265247
19.4	2CA7	8.070689475	4.568921142	9.266792344
19.5	2CC8	8.000371521	4.529024781	9.186137021
19.6	2CDF	7.958764905	4.505419495	9.138412823
19.7	2CF5	7.931266369	4.489818795	9.10687065
19.8	2D0C	7.910766649	4.478188952	9.083356246
19.9	2D2D	7.870082986	4.455108989	9.036689106
20	2D44	7.823143625	4.428481102	8.982845323
20.1	2D5A	7.789956337	4.409655139	8.94477586
20.2	2D70	7.74396367	4.383565975	8.892016431
20.3	2D87	7.73092234	4.376168506	8.877056204
20.4	2DA8	7.679192676	4.346826509	8.817714335
20.5	2DBF	7.628149669	4.31787518	8.759159045
20.6	2DD5	7.596590441	4.299975534	8.722954518
20.7	2DEC	7.58403964	4.292857141	8.708556209
20.8	2E02	7.559061864	4.278690794	8.679901446
20.9	2E19	7.515743816	4.254123269	8.630205913
21	2E2F	7.479006726	4.233288738	8.588059602
21.1	2E45	7.448665332	4.216081815	8.553250275
21.2	2E5C	7.418568783	4.199014145	8.518721471

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21.3	2E72	7.39466585	4.185459138	8.491298137
21.4	2E89	7.365002626	4.168637899	8.457265814
21.5	2EAA	7.300572785	4.13210273	8.383344858
21.6	2EC1	7.277421982	4.118975421	8.356783313
21.7	2ED7	7.248688863	4.102683063	8.323816724
21.8	2EED	7.208841078	4.08008901	8.27809731
21.9	2F04	7.19189708	4.070481813	8.258656395
22	2F0F	7.175032442	4.060919735	8.239306422
22.1	2F25	7.147099565	4.04508234	8.207256836
22.2	2F3C	7.113865495	4.0262397	8.169124372
22.3	2F52	7.080938681	4.007571719	8.131344019
22.4	2F69	7.05373132	3.992146744	8.100125865
22.5	2F7F	6.989277855	3.955606638	8.026169789
22.6	2F96	6.983959795	3.952591788	8.020067595
22.7	2FAC	6.9469585	3.931615781	7.977610256
22.8	2FC2	6.920767851	3.916768659	7.947557331
22.9	2FD9	7.448665332	4.216081815	8.553250275
23	2FEF	6.868973859	3.887408172	7.88812462
23.1	3006	6.838267475	3.870002139	7.852889089
23.2	301C	6.792718621	3.844183292	7.800621185
23.3	3027	6.787695022	3.841335773	7.794856491
23.4	303E	6.762687945	3.827161199	7.766160162
23.5	3054	6.747771846	3.818706538	7.749043405
23.6	306A	6.727985652	3.807491571	7.726337909
23.7	3081	6.669316437	3.774238317	7.65901164
23.8	3097	6.649986499	3.763282555	7.636829154
23.9	30A2	6.640363441	3.757828482	7.625785954
24	30B9	6.609015304	3.740061509	7.589811319
24.1	30CF	6.56436904	3.714758305	7.538575335
24.2	30E6	6.559677039	3.712099165	7.53319076
24.3	30F1	6.522380867	3.690962271	7.490389109
24.4	3107	6.508503793	3.68309784	7.474463439
24.5	311E	6.480925856	3.667469059	7.442814117
24.6	3134	6.458121952	3.654546004	7.41664342
24.7	313F	6.444516395	3.646835779	7.401029035
24.8	3156	6.408513316	3.626433291	7.359709867
24.9	316C	6.368487197	3.603751569	7.313773087
25	3177	6.35966024	3.598749651	7.303642576
25.1	318E	6.33769942	3.586305373	7.278438489
25.2	31A4	6.302875527	3.566572499	7.238471308
25.3	31AF	6.281304073	3.554349312	7.21371366

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25.4	31C6	6.247094894	3.534965472	7.17445131
25.5	31D1	6.242844902	3.532557343	7.169573507
25.6	31E7	6.217465778	3.518177166	7.140445232
25.7	31FE	6.175622263	3.494468541	7.092419864
25.8	3209	6.163178707	3.487418119	7.078137814
25.9	3220	6.138441289	3.473402256	7.049745364
26	322B	6.122059599	3.464120748	7.030943112
26.1	3241	6.089556888	3.445705709	6.993637525
26.2	324C	6.081485014	3.441132491	6.984372826
26.3	3263	6.057397157	3.427485362	6.956725244
26.4	326E	6.033499188	3.41394602	6.929295419
26.5	3284	6.001926754	3.396059036	6.893056634
26.6	3290	5.994085161	3.39161653	6.884056015
26.7	329B	5.974570449	3.380560934	6.861656844
26.8	32B1	5.95131972	3.36738896	6.834969272
26.9	32BC	5.928249094	3.354319205	6.808488248
27	32D3	5.920598548	3.349985129	6.799706726
27.1	32DE	5.886413826	3.330619551	6.760468264
27.2	32E9	5.875106397	3.324214004	6.747489102
27.3	3300	5.856356827	3.313592654	6.725967434
27.4	330B	5.834014573	3.30093626	6.700321759
27.5	3316	5.822907197	3.29464424	6.687572038
27.6	3321	5.808162931	3.286292088	6.670647611
27.7	3338	5.782539192	3.271777242	6.641234851
27.8	3343	5.760755106	3.259437583	6.616229352
27.9	334E	5.739134397	3.24719063	6.591411124
28	3365	5.714114289	3.233018298	6.562690819
28.1	3370	5.692841326	3.220968655	6.538271564
28.2	337B	5.682264083	3.214977445	6.526129883
28.3	3386	5.66122698	3.203061623	6.501981159
28.4	3391	5.650766686	3.197136765	6.489973621
28.5	33A8	5.623060472	3.181443751	6.458169048
28.6	33B3	5.595624411	3.165904002	6.426674351
28.7	33BE	5.585404731	3.160115652	6.414942808
28.8	33BE	5.568454571	3.150515285	6.395485028
28.9	33D5	5.554968278	3.142876877	6.380003498
29	33E0	5.510467293	3.117672693	6.328918393
29.1	33EB	5.491412678	3.106880858	6.307044376
29.2	3401	5.467593982	3.093390986	6.279701208
29.3	340D	5.448538684	3.082599027	6.257826158
29.4	3418	5.429483085	3.071807014	6.235950651

Zoom	Zoom Position	FOV_H (°)	FOV_V (°)	FOV_D (°)
29.5	3423	5.415191189	3.063712968	6.219543722
29.6	342E	5.400899124	3.055618891	6.203136539
29.7	3439	5.391370987	3.050222823	6.192198274
29.8	3445	5.37231449	3.039430646	6.170321408
29.9	3450	5.353257695	3.028638416	6.148444091
30	345B	5.334200604	3.017846132	6.126566325
30.1	3466	5.324671948	3.012449969	6.115627274
30.2	3471	5.310378825	3.004355701	6.099218489
30.3	347D	5.296085537	2.996261403	6.082809454
30.4	3488	5.281792084	2.988167074	6.066400169
30.5	3493	5.267498467	2.980072716	6.049990635
30.6	349E	5.248440056	2.969280193	6.02811087
30.7	34A9	5.234146056	2.961185765	6.011700757
30.8	34B5	5.215087137	2.950393149	5.989820224
30.9	34C0	5.200792758	2.942298653	5.973409536
31	34CB	5.181733334	2.931505946	5.951528238
31.1	34D6	5.167438578	2.923411381	5.93511698
31.2	34E2	5.153143661	2.915316788	5.918705477
31.3	34ED	5.138848583	2.907222165	5.902293732
31.4	34F8	5.124553345	2.899127513	5.885881745
31.5	3503	5.10549278	2.888334599	5.863998719
31.6	350E	5.095962391	2.882938122	5.853057045
31.7	351A	5.076901402	2.872145131	5.831173377
31.8	3525	5.067370803	2.866748617	5.820231384
31.9	3530	5.048309392	2.855955549	5.798347078
32	353B	5.034013151	2.847860715	5.781933571
32.1	3546	5.014951253	2.837067559	5.760048526
32.2	3552	5.000654646	2.828972659	5.743634466
32.3	355D	4.986357884	2.820877731	5.72722017
32.4	355D	4.976826623	2.815481097	5.716277175
32.5	3568	4.967295293	2.81008445	5.705334076
32.6	3573	4.952998169	2.801989456	5.688919233
32.7	357E	4.938700891	2.793894434	5.672504155
32.8	358A	4.924403459	2.785799384	5.656088845
32.9	3595	4.905339978	2.775005941	5.634201403
33	35A0	4.891042189	2.766910827	5.617785552
33.1	35AB	4.876744247	2.758815685	5.601369469
33.2	35B6	4.857680088	2.748022119	5.579481002
33.3	35C2	4.843381793	2.739926913	5.563064384
33.4	35C2	4.838615661	2.737228505	5.557592127
33.5	35CD	4.824317164	2.729133262	5.541175204

Zoom	Zoom Position	FOV_H (°)	FOV_V (°)	FOV_D (°)
33.6	35D8	4.81478475	2.723736418	5.530230463
33.7	35E3	4.795719721	2.712942695	5.508340677
33.8	35EE	4.781420774	2.704847371	5.491923073
33.9	35FA	4.771888061	2.699450473	5.480977879
34	3605	4.757588866	2.691355104	5.4645599
34.1	3605	4.752822435	2.688656641	5.45908719
34.2	3610	4.738523044	2.680561236	5.442668911
34.3	361B	4.724223504	2.672465805	5.426250409
34.4	3627	4.714690396	2.667068835	5.415304617
34.5	3632	4.695623984	2.656274861	5.393412737
34.6	363D	4.676557312	2.64548084	5.371520463
34.7	363D	4.667023878	2.640083812	5.360574178
34.8	3648	4.662257137	2.637385293	5.355100999
34.9	3653	4.647956818	2.62928972	5.338681316
35	365F	4.633656353	2.621194121	5.322261413
35.1	366A	4.633656353	2.621194121	5.322261413
35.2	3675	4.619355745	2.613098495	5.305841291
35.3	3675	4.614588843	2.610399948	5.300367869
35.4	3680	4.605054992	2.605002844	5.289420952
35.5	368B	4.585987098	2.594208601	5.267526828
35.6	3697	4.576453056	2.588811463	5.256579621
35.7	36A2	4.557384782	2.578017151	5.23468492
35.8	36A2	4.557384782	2.578017151	5.23468492
35.9	36AD	4.54785055	2.572619978	5.223737426
36	36B8	4.528781897	2.561825598	5.201842152
36.1	36C3	4.519247477	2.556428391	5.190894373
36.2	36CF	4.500178448	2.545633943	5.168998529
36.3	36CF	4.500178448	2.545633943	5.168998529
36.4	36DA	4.49064384	2.540236702	5.158050466
36.5	36E5	4.476341812	2.532140819	5.141628194
36.6	36F0	4.462039644	2.524044911	5.125205711
36.7	36FB	4.44296987	2.513250327	5.103308739
36.8	36FB	4.44296987	2.513250327	5.103308739
36.9	3707	4.433434891	2.507853019	5.092360113
37	3712	4.419132307	2.499757036	5.075937
37.1	371D	4.404829585	2.491661027	5.059513678
37.2	371D	4.400061981	2.488962352	5.054039191
37.3	3728	4.390526726	2.483564994	5.043090148
37.4	3733	4.380991411	2.478167625	5.032141013
37.5	373F	4.361920598	2.467372853	5.010242467
37.6	374A	4.34761733	2.459276746	4.993818317

Zoom	Zoom Position	FOV_H (°)	FOV_V (°)	FOV_D (°)
37.7	374A	4.342849544	2.456578038	4.988343555
37.8	3755	4.333313926	2.451180614	4.977393962
37.9	3760	4.323778248	2.445783179	4.966444278
38	376C	4.304706714	2.434988277	4.944544639
38.1	376C	4.304706714	2.434988277	4.944544639
38.2	3777	4.295170857	2.429590809	4.933594683
38.3	3782	4.28563494	2.424193331	4.922644637
38.4	378D	4.266562929	2.413398343	4.900744277
38.5	378D	4.266562929	2.413398343	4.900744277
38.6	3798	4.247490682	2.402603311	4.878843557
38.7	37A4	4.242722583	2.399904547	4.873368322
38.8	37AF	4.228418199	2.391808237	4.856942482
38.9	37AF	4.228418199	2.391808237	4.856942482
39	37BA	4.209345481	2.38101312	4.835041051
39.1	37C5	4.199809035	2.375615546	4.824090203
39.2	37D0	4.185504257	2.367519165	4.807663766
39.3	37D0	4.185504257	2.367519165	4.807663766
39.4	37DC	4.175967665	2.362121565	4.796712697
39.5	37E7	4.156894309	2.351326333	4.774810298
39.6	37F2	4.147357544	2.345928701	4.763858968
39.7	37F2	4.147357544	2.345928701	4.763858968
39.8	37FD	4.13305229	2.337832233	4.747431809
39.9	3808	4.118746906	2.329735743	4.731004455
40	3814	4.109209912	2.32433807	4.720052777
40.1	3814	4.109209912	2.32433807	4.720052777
40.2	381F	4.094904315	2.31624154	4.703625099
40.3	382A	4.08059859	2.308144988	4.687197228
40.4	382A	4.08059859	2.308144988	4.687197228
40.5	3835	4.075829986	2.305446132	4.681721228
40.6	3840	4.061524092	2.297349549	4.665293099
40.7	384C	4.04721807	2.289252942	4.648864779
40.8	384C	4.042449368	2.286554069	4.64338863
40.9	3857	4.032911923	2.281156314	4.632436267
41	3862	4.023374421	2.275758548	4.621483821
41.1	386D	4.009068064	2.267661881	4.605054992
41.2	386D	4.004299251	2.264962987	4.599578674
41.3	3878	3.999530423	2.262264091	4.594102334
41.4	3884	3.980454976	2.25146848	4.572196767
41.5	388F	3.970917169	2.246070659	4.561243858
41.6	388F	3.966148245	2.243371745	4.555767372
41.7	389A	3.956610356	2.23797391	4.544814338

Zoom	Zoom Position	FOV_H (°)	FOV_V (°)	FOV_D (°)
41.8	38A5	3.947072412	2.232576064	4.533861221
41.9	38A5	3.947072412	2.232576064	4.533861221
42	38B1	3.937534413	2.227178209	4.522908021
42.1	38BC	3.918458252	2.216382468	4.501001373
42.2	38C7	3.90892009	2.210984584	4.490047925
42.3	38C7	3.90892009	2.210984584	4.490047925
42.4	38D2	3.899381874	2.205586689	4.479094396
42.5	38DD	3.885074448	2.197489828	4.462663948
42.6	38DD	3.880305279	2.19479087	4.457187091
42.7	38E9	3.875536097	2.192091909	4.451710214
42.8	38F4	3.865997692	2.18669398	4.440756398
42.9	38F4	3.861228469	2.183995012	4.43527946
43	38FF	3.856459233	2.181296042	4.429802502
43.1	390A	3.837382156	2.170500135	4.407894466
43.2	3915	3.827843538	2.165102168	4.396940327
43.3	3915	3.827843538	2.165102168	4.396940327
43.4	3921	3.81353551	2.157005198	4.380508968
43.5	392C	3.808766142	2.154306204	4.375031808
43.6	392C	3.803996759	2.151607207	4.369554628
43.7	3937	3.789688534	2.143510202	4.353122969
43.8	3942	3.780149652	2.138112186	4.34216843
43.9	394D	3.76584123	2.130015145	4.325736473
44	394D	3.76584123	2.130015145	4.325736473
44.1	3959	3.76107173	2.127316127	4.320259114
44.2	3964	3.746763151	2.119219058	4.30382692
44.3	3964	3.741993599	2.11652003	4.298349482
44.4	396F	3.737224034	2.113821	4.292872025
44.5	397A	3.722915261	2.105723895	4.276439536
44.6	397A	3.722915261	2.105723895	4.276439536
44.7	3985	3.713376014	2.100325814	4.265484445
44.8	3991	3.703836716	2.094927723	4.254529277
44.9	399C	3.699067048	2.092228675	4.249051663
45	399C	3.694297367	2.089529623	4.24357403
45.1	39A7	3.684757966	2.084131514	4.232618706
45.2	39B2	3.675218515	2.078733396	4.221663305
45.3	39B2	3.675218515	2.078733396	4.221663305
45.4	39BD	3.656139458	2.067937131	4.199752271
45.5	39C9	3.651369663	2.065238059	4.194274464
45.6	39C9	3.651369663	2.065238059	4.194274464
45.7	39D4	3.637060199	2.05714083	4.177840929
45.8	39D4	3.627520494	2.051742665	4.166885144

Zoom	Zoom Position	FOV_H (°)	FOV_V (°)	FOV_D (°)
45.9	39DF	3.627520494	2.051742665	4.166885144
46	39EA	3.617980739	2.046344492	4.155929282
46.1	39F5	3.617980739	2.046344492	4.155929282
46.2	3A01	3.598901077	2.035548118	4.134017331
46.3	3A01	3.598901077	2.035548118	4.134017331
46.4	3A0C	3.594131131	2.032849019	4.128539296
46.5	3A17	3.589361172	2.030149917	4.123061242
46.6	3A17	3.579821216	2.024751707	4.112105077
46.7	3A22	3.579821216	2.024751707	4.112105077
46.8	3A2E	3.560741157	2.013955261	4.090192523
46.9	3A2E	3.560741157	2.013955261	4.090192523
47	3A2E	3.551201053	2.008557025	4.079236133
47.1	3A44	3.5416609	2.003158779	4.068279669
47.2	3A44	3.536890805	2.000459653	4.062801409
47.3	3A4F	3.527350578	1.995061394	4.051844833
47.4	3A5A	3.517810303	1.989663127	4.040888183
47.5	3A5A	3.513040146	1.98696399	4.035409831
47.6	3A66	3.508269978	1.98426485	4.029931459
47.7	3A71	3.503499798	1.981565709	4.02445307
47.8	3A71	3.4939594	1.976167419	4.013496236
47.9	3A7C	3.489189183	1.973468271	4.008017791
48	3A87	3.47487846	1.965370813	3.991582347
48.1	3A87	3.47487846	1.965370813	3.991582347
48.2	3A92	3.470108195	1.962671656	3.986103829
48.3	3A9E	3.455797328	1.954574173	3.969668166
48.4	3A9E	3.451027015	1.951875007	3.964189576
48.5	3AA9	3.446256689	1.949175839	3.958710967
48.6	3AB4	3.431945642	1.941078323	3.942275032
48.7	3AB4	3.42717527	1.938379147	3.936796351
48.8	3ABF	3.42717527	1.938379147	3.936796351
48.9	3ABF	3.422404885	1.935679968	3.931317652
49	3ACA	3.417634488	1.932980788	3.925838935
49.1	3AD6	3.403323228	1.924883233	3.909402677
49.2	3AD6	3.398552784	1.922184044	3.903923888
49.3	3AE1	3.393782328	1.919484852	3.898445082
49.4	3AEC	3.384241381	1.914086463	3.887487415
49.5	3AEC	3.384241381	1.914086463	3.887487415
49.6	3AF7	3.37947089	1.911387265	3.882008555
49.7	3B02	3.369929874	1.905988863	3.871050782
49.8	3B02	3.365159348	1.903289659	3.865571869
49.9	3B0E	3.355618261	1.897891245	3.85461399

Zoom	Zoom Position	FOV_H (°)	FOV_V (°)	FOV_D (°)
50	3B19	3.346077127	1.892492822	3.84365604
50.1	3B19	3.341306543	1.889793607	3.838177038
50.2	3B24	3.336535947	1.88709439	3.83269802
50.3	3B24	3.336535947	1.88709439	3.83269802
50.4	3B2F	3.326994721	1.881695951	3.821739929
50.5	3B3A	3.317453448	1.876297503	3.810781769
50.6	3B3A	3.312682795	1.873598275	3.805302663
50.7	3B46	3.30791213	1.870899046	3.799823539
50.8	3B46	3.303141454	1.868199815	3.794344398
50.9	3B51	3.298370766	1.865500581	3.78886524
51	3B5C	3.284058634	1.857402869	3.772427661
51.1	3B5C	3.284058634	1.857402869	3.772427661
51.2	3B67	3.274517155	1.852004383	3.761469189
51.3	3B73	3.264975631	1.84660589	3.750510647
51.4	3B73	3.260204853	1.84390664	3.745031351
51.5	3B7E	3.255434062	1.841207388	3.739552038
51.6	3B7E	3.255434062	1.841207388	3.739552038
51.7	3B89	3.241121624	1.83310962	3.723113995
51.8	3B89	3.241121624	1.83310962	3.723113995
51.9	3B94	3.236350789	1.83041036	3.717634613
52	3B9F	3.226809085	1.825011834	3.706675798
52.1	3B9F	3.222038216	1.822312567	3.701196366
52.2	3BAB	3.217267336	1.819613299	3.695716916
52.3	3BAB	3.217267336	1.819613299	3.695716916
52.4	3BB6	3.207725542	1.814214757	3.684757966
52.5	3BB6	3.198183704	1.808816206	3.673798949
52.6	3BC1	3.198183704	1.808816206	3.673798949
52.7	3BCC	3.188641822	1.803417648	3.662839864
52.8	3BCC	3.188641822	1.803417648	3.662839864
52.9	3BD7	3.174328915	1.795319795	3.646401112
53	3BD7	3.174328915	1.795319795	3.646401112
53.1	3BE3	3.164786923	1.789921217	3.63544186
53.2	3BEE	3.155244886	1.78452263	3.624482542
53.3	3BEE	3.155244886	1.78452263	3.624482542
53.4	3BF9	3.150473851	1.781823334	3.619002858
53.5	3BF9	3.145702806	1.779124036	3.613523157
53.6	3C04	3.136160682	1.773725434	3.602563707
53.7	3C04	3.131389603	1.771026129	3.597083956
53.8	3C0F	3.121847414	1.765627515	3.586124407
53.9	3C0F	3.121847414	1.765627515	3.586124407
54	3C1B	3.112305182	1.760228893	3.575164792

Zoom	Zoom Position	FOV_H (°)	FOV_V (°)	FOV_D (°)
54.1	3C1B	3.107534049	1.75752958	3.56968496
54.2	3C26	3.107534049	1.75752958	3.56968496
54.3	3C26	3.102762906	1.754830264	3.564205111
54.4	3C31	3.093220587	1.749431626	3.553245365
54.5	3C31	3.088449412	1.746732305	3.547765468
54.6	3C3C	3.083678226	1.744032981	3.542285554
54.7	3C3C	3.083678226	1.744032981	3.542285554
54.8	3C47	3.074135821	1.738634328	3.531325679
54.9	3C53	3.069364603	1.735934999	3.525845717
55	3C53	3.064593374	1.733235667	3.520365738
55.1	3C5E	3.055050884	1.727836999	3.509405734
55.2	3C5E	3.050279624	1.725137662	3.503925707
55.3	3C69	3.045508352	1.722438323	3.498445665
55.4	3C69	3.040737071	1.719738982	3.492965606
55.5	3C74	3.031194475	1.714340294	3.482005441
55.6	3C74	3.031194475	1.714340294	3.482005441
55.7	3C74	3.031194475	1.714340294	3.482005441
55.8	3C7F	3.026423162	1.711640948	3.476525335
55.9	3C7F	3.021651838	1.708941599	3.471045213
56	3C8B	3.012109159	1.703542896	3.46008492
56.1	3C8B	3.012109159	1.703542896	3.46008492
56.2	3C96	3.002566438	1.698144186	3.449124565
56.3	3C96	3.002566438	1.698144186	3.449124565
56.4	3CA1	2.993023675	1.692745468	3.438164146
56.5	3CA1	2.988252278	1.690046106	3.432683913
56.6	3CAC	2.983480871	1.687346743	3.427203665
56.7	3CAC	2.978709453	1.684647377	3.4217234
56.8	3CB8	2.969166587	1.679248641	3.410762825
56.9	3CB8	2.969166587	1.679248641	3.410762825
57	3CC3	2.959623679	1.673849897	3.399802187
57.1	3CC3	2.95485221	1.671150522	3.394321844
57.2	3CC3	2.95485221	1.671150522	3.394321844
57.3	3CCE	2.950080731	1.668451145	3.388841487
57.4	3CCE	2.945309241	1.665751767	3.383361113
57.5	3CD9	2.935766231	1.660353004	3.37240032
57.6	3CD9	2.935766231	1.660353004	3.37240032
57.7	3CE4	2.926223181	1.654954234	3.361439465
57.8	3CE4	2.926223181	1.654954234	3.361439465
57.9	3CF0	2.91668009	1.649555457	3.350478549
58	3CF0	2.911908529	1.646856065	3.344998067
58.1	3CF0	2.911908529	1.646856065	3.344998067

Zoom	Zoom Position	FOV_H (°)	FOV_V (°)	FOV_D (°)
58.2	3CFB	2.907136958	1.644156672	3.339517571
58.3	3CFB	2.902365377	1.641457277	3.334037059
58.4	3D06	2.897593786	1.63875788	3.328556532
58.5	3D06	2.892822185	1.636058481	3.32307599
58.6	3D06	2.888050574	1.633359081	3.317595432
58.7	3D11	2.878507322	1.627960275	3.306634271
58.8	3D11	2.878507322	1.627960275	3.306634271
58.9	3D1C	2.87373568	1.625260869	3.301153668
59	3D1C	2.868964029	1.622561461	3.29567305
59.1	3D28	2.864192368	1.619862051	3.290192417
59.2	3D28	2.859420697	1.61716264	3.284711769
59.3	3D28	2.854649016	1.614463227	3.279231106
59.4	3D33	2.845105625	1.609064395	3.268269734
59.5	3D33	2.845105625	1.609064395	3.268269734
59.6	3D33	2.845105625	1.609064395	3.268269734
59.7	3D3E	2.835562194	1.603665556	3.257308303
59.8	3D3E	2.830790464	1.600966134	3.251827565
59.9	3D49	2.826018724	1.59826671	3.246346812
60	3D49	2.826018724	1.59826671	3.246346812
60.1	3D49	2.826018724	1.59826671	3.246346812
60.2	3D54	2.816475214	1.592867857	3.235385261
60.3	3D54	2.811703445	1.590168428	3.229904464
60.4	3D60	2.802159877	1.584769565	3.218942825
60.5	3D60	2.797388078	1.58207013	3.213461983
60.6	3D60	2.797388078	1.58207013	3.213461983
60.7	3D6B	2.787844452	1.576671256	3.202500256
60.8	3D6B	2.787844452	1.576671256	3.202500256
60.9	3D6B	2.787844452	1.576671256	3.202500256
61	3D76	2.783072624	1.573971816	3.19701937
61.1	3D76	2.778300787	1.571272375	3.191538469
61.2	3D76	2.778300787	1.571272375	3.191538469
61.3	3D81	2.768757083	1.565873487	3.180576625
61.4	3D81	2.768757083	1.565873487	3.180576625
61.5	3D81	2.763985217	1.56317404	3.175095681
61.6	3D8C	2.754441456	1.557775142	3.164133749
61.7	3D8C	2.754441456	1.557775142	3.164133749
61.8	3D98	2.744897657	1.552376236	3.153171759
61.9	3D98	2.744897657	1.552376236	3.153171759
62	3D98	2.744897657	1.552376236	3.153171759
62.1	3DA3	2.740125743	1.549676781	3.147690743
62.2	3DA3	2.730581886	1.544277865	3.136728666

Zoom	Zoom Position	FOV_H (°)	FOV_V (°)	FOV_D (°)
62.3	3DA3	2.730581886	1.544277865	3.136728666
62.4	3DAE	2.716266031	1.536179478	3.120285445
62.5	3DAE	2.716266031	1.536179478	3.120285445
62.6	3DAE	2.71149406	1.533480013	3.114804342
62.7	3DB9	2.70672208	1.530780546	3.109323225
62.8	3DB9	2.70672208	1.530780546	3.109323225
62.9	3DB9	2.70195009	1.528081077	3.103842094
63	3DC4	2.692406083	1.522682134	3.092879789
63.1	3DC4	2.687634065	1.519982659	3.087398616
63.2	3DC4	2.687634065	1.519982659	3.087398616
63.3	3DC4	2.687634065	1.519982659	3.087398616
63.4	3DD0	2.678090002	1.514583706	3.076436226
63.5	3DD0	2.678090002	1.514583706	3.076436226
63.6	3DD0	2.678090002	1.514583706	3.076436226
63.7	3DDB	2.678090002	1.514583706	3.076436226
63.8	3DDB	2.668545902	1.509184746	3.06547378
63.9	3DDB	2.668545902	1.509184746	3.06547378
64	3DE6	2.659001764	1.50378578	3.054511278
64.1	3DE6	2.654229682	1.501086294	3.049030006
64.2	3DE6	2.64945759	1.498386806	3.04354872
64.3	3DF1	2.639913379	1.492987826	3.032586106
64.4	3DF1	2.639913379	1.492987826	3.032586106
64.5	3DF1	2.639913379	1.492987826	3.032586106
64.6	3DF1	2.639913379	1.492987826	3.032586106
64.7	3DFC	2.630369131	1.48758884	3.021623437
64.8	3DFC	2.630369131	1.48758884	3.021623437
64.9	3DFC	2.625596994	1.484889344	3.016142082
65	3E08	2.620824847	1.482189847	3.010660713
65.1	3E08	2.616052692	1.479490348	3.00517933
65.2	3E08	2.616052692	1.479490348	3.00517933
65.3	3E08	2.611280527	1.476790847	2.999697933
65.4	3E13	2.60173617	1.471391841	2.988735098
65.5	3E13	2.60173617	1.471391841	2.988735098
65.6	3E13	2.60173617	1.471391841	2.988735098
65.7	3E1E	2.592191777	1.465992828	2.977772209
65.8	3E1E	2.587419567	1.463293319	2.972290744
65.9	3E1E	2.587419567	1.463293319	2.972290744
66	3E1E	2.587419567	1.463293319	2.972290744
66.1	3E29	2.57787512	1.457894296	2.961327773
66.2	3E29	2.57787512	1.457894296	2.961327773
66.3	3E29	2.57787512	1.457894296	2.961327773

Zoom	Zoom Position	FOV_H (°)	FOV_V (°)	FOV_D (°)
66.4	3E35	2.573102884	1.455194782	2.955846267
66.5	3E35	2.563558383	1.44979575	2.944883215
66.6	3E35	2.55878612	1.447096232	2.939401669
66.7	3E35	2.55878612	1.447096232	2.939401669
66.8	3E40	2.501518269	1.414701884	2.87362207
66.9	3E40	2.501518269	1.414701884	2.87362207
67	3E40	2.501518269	1.414701884	2.87362207
67.1	3E40	2.496745892	1.412002345	2.86814035
67.2	3E4B	2.429931702	1.374208633	2.791394913
67.3	3E4B	2.439476689	1.379607753	2.802358702
67.4	3E4B	2.439476689	1.379607753	2.802358702
67.5	3E4B	2.439476689	1.379607753	2.802358702
67.6	3E56	2.36311586	1.336414621	2.71464697
67.7	3E56	2.36311586	1.336414621	2.71464697
67.8	3E56	2.358343238	1.333715038	2.70916488
67.9	3E56	2.358343238	1.333715038	2.70916488
68	3E61	2.310616569	1.306719122	2.654343303
68.1	3E61	2.305843858	1.304019523	2.648861078
68.2	3E61	2.305843858	1.304019523	2.648861078
68.3	3E61	2.305843858	1.304019523	2.648861078
68.4	3E6D	2.234252238	1.263525357	2.566626262
68.5	3E6D	2.229479401	1.260825735	2.561143846
68.6	3E6D	2.229479401	1.260825735	2.561143846
68.7	3E6D	2.229479401	1.260825735	2.561143846
68.8	3E78	2.181750605	1.233829434	2.506319045
68.9	3E78	2.181750605	1.233829434	2.506319045
69	3E78	2.181750605	1.233829434	2.506319045
69.1	3E78	2.181750605	1.233829434	2.506319045
69.2	3E83	2.138794041	1.209532647	2.456975742
69.3	3E83	2.138794041	1.209532647	2.456975742
69.4	3E83	2.134021052	1.206832997	2.451493097
69.5	3E83	2.129248056	1.204133346	2.44601044
69.6	3E8E	2.071971529	1.171737429	2.380217689
69.7	3E8E	2.071971529	1.171737429	2.380217689
69.8	3E8E	2.067198438	1.169037761	2.374734888
69.9	3E8E	2.067198438	1.169037761	2.374734888
70	3E8E	2.067198438	1.169037761	2.374734888
70.1	3E99	2.024240298	1.144740688	2.325389196
70.2	3E99	2.024240298	1.144740688	2.325389196
70.3	3E99	2.024240298	1.144740688	2.325389196
70.4	3E99	2.024240298	1.144740688	2.325389196

Zoom	Zoom Position	FOV_H (°)	FOV_V (°)	FOV_D (°)
70.5	3EA5	1.966961894	1.112344431	2.259593601
70.6	3EA5	1.962188649	1.109644735	2.254110567
70.7	3EA5	1.962188649	1.109644735	2.254110567
70.8	3EA5	1.962188649	1.109644735	2.254110567
70.9	3EB0	1.924002445	1.088047122	2.210245925
71	3EB0	1.919229139	1.085347415	2.204762799
71.1	3EB0	1.919229139	1.085347415	2.204762799
71.2	3EB0	1.919229139	1.085347415	2.204762799
71.3	3EB0	1.919229139	1.085347415	2.204762799
71.4	3EBB	1.86672234	1.055650558	2.144447751
71.5	3EBB	1.86672234	1.055650558	2.144447751
71.6	3EBB	1.86672234	1.055650558	2.144447751
71.7	3EBB	1.861948955	1.052950836	2.138964505
71.8	3EBB	1.861948955	1.052950836	2.138964505
71.9	3EC6	1.833308513	1.036752483	2.106064826
72	3EC6	1.833308513	1.036752483	2.106064826
72.1	3EC6	1.828535083	1.034052754	2.100581513
72.2	3EC6	1.823761647	1.031353023	2.09509819
72.3	3ED1	1.7951209	1.015154615	2.062198049
72.4	3ED1	1.7951209	1.015154615	2.062198049
72.5	3ED1	1.79034742	1.012454877	2.056714659
72.6	3ED1	1.79034742	1.012454877	2.056714659
72.7	3ED1	1.79034742	1.012454877	2.056714659
72.8	3EDD	1.742612284	0.985457429	2.001880246
72.9	3EDD	1.742612284	0.985457429	2.001880246
73	3EDD	1.742612284	0.985457429	2.001880246
73.1	3EDD	1.737838736	0.982757679	1.996396754
73.2	3EDD	1.737838736	0.982757679	1.996396754
73.3	3EE8	1.709197327	0.966559151	1.96349561
73.4	3EE8	1.709197327	0.966559151	1.96349561
73.5	3EE8	1.704423738	0.963859393	1.958012054
73.6	3EE8	1.704423738	0.963859393	1.958012054
73.7	3EE8	1.704423738	0.963859393	1.958012054
73.8	3EF3	1.661461172	0.939561519	1.908659653
73.9	3EF3	1.661461172	0.939561519	1.908659653
74	3EF3	1.661461172	0.939561519	1.908659653
74.1	3EF3	1.661461172	0.939561519	1.908659653
74.2	3EF3	1.661461172	0.939561519	1.908659653
74.3	3EFE	1.623271831	0.917963339	1.864790257
74.4	3EFE	1.628045519	0.920663115	1.870273961
74.5	3EFE	1.628045519	0.920663115	1.870273961

Zoom	Zoom Position	FOV_H (°)	FOV_V (°)	FOV_D (°)
74.6	3EFE	1.628045519	0.920663115	1.870273961
74.7	3EFE	1.628045519	0.920663115	1.870273961
74.8	3F09	1.604177026	0.907164224	1.842855353
74.9	3F09	1.59940331	0.904464443	1.837371605
75	3F09	1.59940331	0.904464443	1.837371605
75.1	3F09	1.59940331	0.904464443	1.837371605
75.2	3F09	1.594629589	0.901764661	1.83188785
75.3	3F09	1.594629589	0.901764661	1.83188785
75.4	3F15	1.556439624	0.880166367	1.788017505
75.5	3F15	1.551665853	0.877466576	1.782533675
75.6	3F15	1.556439624	0.880166367	1.788017505
75.7	3F15	1.556439624	0.880166367	1.788017505
75.8	3F15	1.527796922	0.863967606	1.755114402
75.9	3F20	1.518249312	0.858568011	1.744146637
76	3F20	1.518249312	0.858568011	1.744146637
76.1	3F20	1.518249312	0.858568011	1.744146637
76.2	3F20	1.518249312	0.858568011	1.744146637
76.3	3F20	1.518249312	0.858568011	1.744146637
76.4	3F20	1.518249312	0.858568011	1.744146637
76.5	3F2B	1.480058663	0.836969594	1.700275257
76.6	3F2B	1.480058663	0.836969594	1.700275257
76.7	3F2B	1.480058663	0.836969594	1.700275257
76.8	3F2B	1.480058663	0.836969594	1.700275257
76.9	3F2B	1.480058663	0.836969594	1.700275257
77	3F36	1.45141546	0.820770742	1.667371394
77.1	3F36	1.45141546	0.820770742	1.667371394
77.2	3F36	1.45141546	0.820770742	1.667371394
77.3	3F36	1.45141546	0.820770742	1.667371394
77.4	3F36	1.45141546	0.820770742	1.667371394
77.5	3F36	1.45141546	0.820770742	1.667371394
77.6	3F41	1.417998162	0.80187204	1.628983207
77.7	3F41	1.413224242	0.799172222	1.62349915
77.8	3F41	1.413224242	0.799172222	1.62349915
77.9	3F41	1.413224242	0.799172222	1.62349915
78	3F41	1.413224242	0.799172222	1.62349915
78.1	3F41	1.413224242	0.799172222	1.62349915
78.2	3F4D	1.38935457	0.785673117	1.596078755
78.3	3F4D	1.38935457	0.785673117	1.596078755
78.4	3F4D	1.38935457	0.785673117	1.596078755
78.5	3F4D	1.38935457	0.785673117	1.596078755
78.6	3F4D	1.38935457	0.785673117	1.596078755

Zoom	Zoom Position	FOV_H (°)	FOV_V (°)	FOV_D (°)
78.7	3F4D	1.38935457	0.785673117	1.596078755
78.8	3F58	1.365484778	0.772173992	1.568658177
78.9	3F58	1.365484778	0.772173992	1.568658177
79	3F58	1.360710805	0.769474164	1.56317404
79.1	3F58	1.360710805	0.769474164	1.56317404
79.2	3F58	1.360710805	0.769474164	1.56317404
79.3	3F58	1.360710805	0.769474164	1.56317404
79.4	3F63	1.327292865	0.750575346	1.524784881
79.5	3F63	1.327292865	0.750575346	1.524784881
79.6	3F63	1.327292865	0.750575346	1.524784881
79.7	3F63	1.327292865	0.750575346	1.524784881
79.8	3F63	1.327292865	0.750575346	1.524784881
79.9	3F63	1.322518855	0.747875511	1.519300687
80	3F6E	1.303422769	0.737076165	1.497363842
80.1	3F6E	1.303422769	0.737076165	1.497363842
80.2	3F6E	1.303422769	0.737076165	1.497363842
80.3	3F6E	1.303422769	0.737076165	1.497363842
80.4	3F6E	1.303422769	0.737076165	1.497363842
80.5	3F6E	1.303422769	0.737076165	1.497363842
80.6	3F7A	1.270004445	0.718177278	1.458974101
80.7	3F7A	1.270004445	0.718177278	1.458974101
80.8	3F7A	1.270004445	0.718177278	1.458974101
80.9	3F7A	1.270004445	0.718177278	1.458974101
81	3F7A	1.270004445	0.718177278	1.458974101
81.1	3F7A	1.246134081	0.704678048	1.431552657
81.2	3F85	1.246134081	0.704678048	1.431552657
81.3	3F85	1.241359995	0.7019782	1.426068348
81.4	3F85	1.241359995	0.7019782	1.426068348
81.5	3F85	1.241359995	0.7019782	1.426068348
81.6	3F85	1.241359995	0.7019782	1.426068348
81.7	3F85	1.241359995	0.7019782	1.426068348
81.8	3F85	1.241359995	0.7019782	1.426068348
81.9	3F90	1.217489502	0.688478947	1.398646707
82	3F90	1.217489502	0.688478947	1.398646707
82.1	3F90	1.217489502	0.688478947	1.398646707
82.2	3F90	1.217489502	0.688478947	1.398646707
82.3	3F90	1.217489502	0.688478947	1.398646707
82.4	3F90	1.217489502	0.688478947	1.398646707
82.5	3F9B	1.18884477	0.672279819	1.365740526
82.6	3F9B	1.18884477	0.672279819	1.365740526
82.7	3F9B	1.18884477	0.672279819	1.365740526

Zoom	Zoom Position	FOV_H (°)	FOV_V (°)	FOV_D (°)
82.8	3F9B	1.18884477	0.672279819	1.365740526
82.9	3F9B	1.18884477	0.672279819	1.365740526
83	3F9B	1.18884477	0.672279819	1.365740526
83.1	3F9B	1.18884477	0.672279819	1.365740526
83.2	3FA6	1.1697482	0.661480385	1.343802947
83.3	3FA6	1.1697482	0.661480385	1.343802947
83.4	3FA6	1.1697482	0.661480385	1.343802947
83.5	3FA6	1.1697482	0.661480385	1.343802947
83.6	3FA6	1.1697482	0.661480385	1.343802947
83.7	3FA6	1.1697482	0.661480385	1.343802947
83.8	3FA6	1.1697482	0.661480385	1.343802947
83.9	3FB2	1.141103223	0.645281212	1.310896395
84	3FB2	1.141103223	0.645281212	1.310896395
84.1	3FB2	1.141103223	0.645281212	1.310896395
84.2	3FB2	1.141103223	0.645281212	1.310896395
84.3	3FB2	1.141103223	0.645281212	1.310896395
84.4	3FB2	1.141103223	0.645281212	1.310896395
84.5	3FB2	1.141103223	0.645281212	1.310896395
84.6	3FBD	1.122006492	0.634481749	1.288958572
84.7	3FBD	1.122006492	0.634481749	1.288958572
84.8	3FBD	1.122006492	0.634481749	1.288958572
84.9	3FBD	1.117232299	0.631781882	1.283474102
85	3FBD	1.117232299	0.631781882	1.283474102
85.1	3FBD	1.117232299	0.631781882	1.283474102
85.2	3FBD	1.117232299	0.631781882	1.283474102
85.3	3FC8	1.093361279	0.618282534	1.256051662
85.4	3FC8	1.093361279	0.618282534	1.256051662
85.5	3FC8	1.093361279	0.618282534	1.256051662
85.6	3FC8	1.093361279	0.618282534	1.256051662
85.7	3FC8	1.093361279	0.618282534	1.256051662
85.8	3FC8	1.093361279	0.618282534	1.256051662
85.9	3FC8	1.093361279	0.618282534	1.256051662
86	3FD3	1.074264394	0.607483043	1.234113607
86.1	3FD3	1.074264394	0.607483043	1.234113607
86.2	3FD3	1.074264394	0.607483043	1.234113607
86.3	3FD3	1.074264394	0.607483043	1.234113607
86.4	3FD3	1.074264394	0.607483043	1.234113607
86.5	3FD3	1.074264394	0.607483043	1.234113607
86.6	3FD3	1.069490163	0.604783168	1.228629079
86.7	3FD3	1.069490163	0.604783168	1.228629079
86.8	3FDE	1.050393204	0.593983664	1.20669091

Zoom	Zoom Position	FOV_H (°)	FOV_V (°)	FOV_D (°)
86.9	3FDE	1.050393204	0.593983664	1.20669091
87	3FDE	1.050393204	0.593983664	1.20669091
87.1	3FDE	1.050393204	0.593983664	1.20669091
87.2	3FDE	1.050393204	0.593983664	1.20669091
87.3	3FDE	1.050393204	0.593983664	1.20669091
87.4	3FDE	1.050393204	0.593983664	1.20669091
87.5	3FEA	1.026521923	0.580484269	1.179268076
87.6	3FEA	1.021747657	0.577784388	1.173783492
87.7	3FEA	1.021747657	0.577784388	1.173783492
87.8	3FEA	1.021747657	0.577784388	1.173783492
87.9	3FEA	1.021747657	0.577784388	1.173783492
88	3FEA	1.021747657	0.577784388	1.173783492
88.1	3FEA	1.021747657	0.577784388	1.173783492
88.2	3FEA	1.021747657	0.577784388	1.173783492
88.3	3FF5	1.002650554	0.566984858	1.151845106
88.4	3FF5	1.002650554	0.566984858	1.151845106
88.5	3FF5	1.002650554	0.566984858	1.151845106
88.6	3FF5	1.002650554	0.566984858	1.151845106
88.7	3FF5	1.002650554	0.566984858	1.151845106
88.8	3FF5	1.002650554	0.566984858	1.151845106
88.9	3FF5	1.002650554	0.566984858	1.151845106
89	3FF5	1.002650554	0.566984858	1.151845106
89.1	3FF5	1.002650554	0.566984858	1.151845106
89.2	3FF5	1.002650554	0.566984858	1.151845106
89.3	3FF5	1.002650554	0.566984858	1.151845106
89.4	4000	0.993101981	0.561585089	1.140875881
89.5	4000	0.993101981	0.561585089	1.140875881
89.6	4000	0.993101981	0.561585089	1.140875881
89.7	4000	0.993101981	0.561585089	1.140875881
89.8	4000	0.993101981	0.561585089	1.140875881
89.9	4000	0.993101981	0.561585089	1.140875881
90	4000	0.993101981	0.561585089	1.140875881