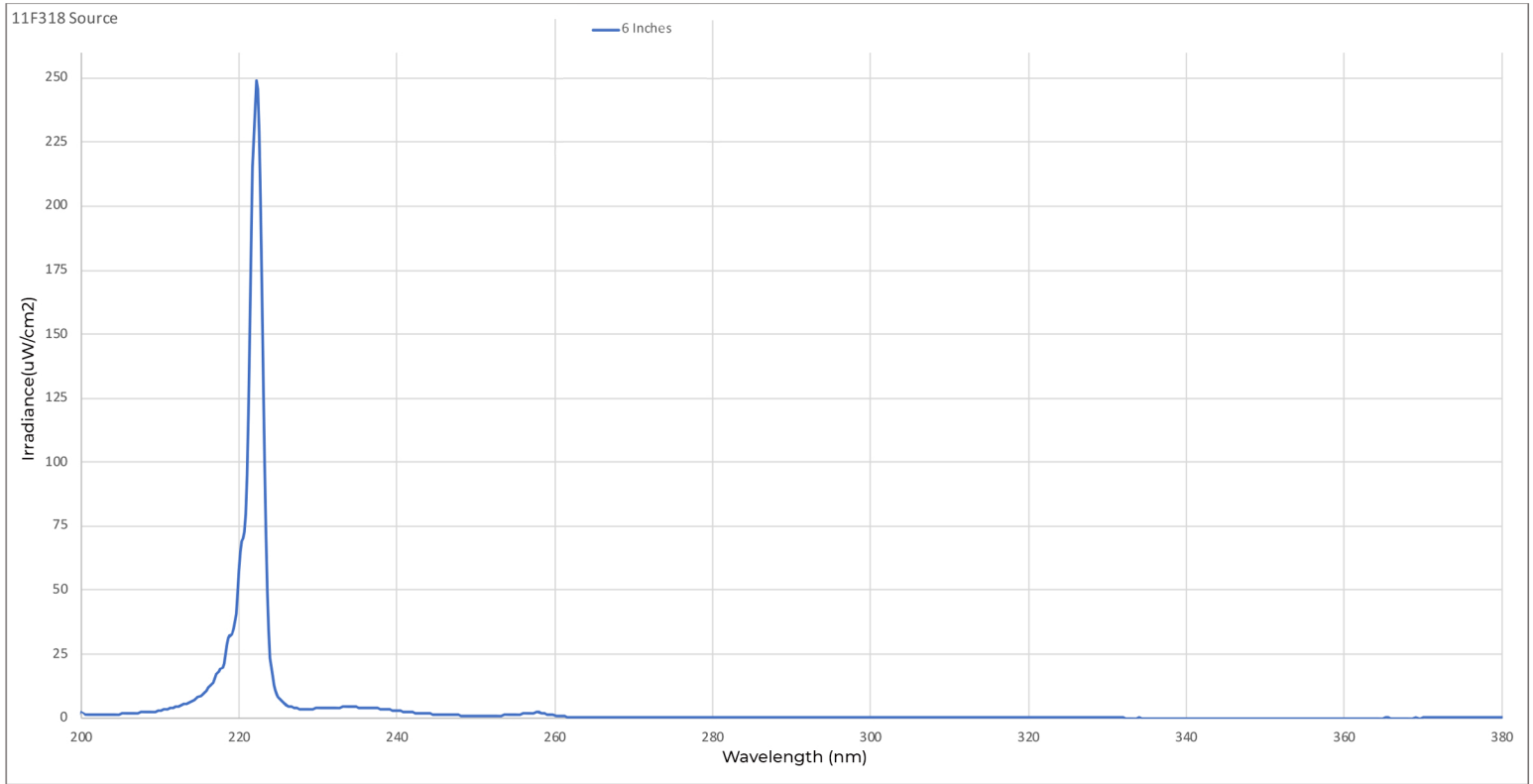


Spectral analysis of the GermBuster Sabre





		Wavelength [nm]	Irradiance[uW/cm^2/nm]	Wavelength [nm]	Irradiance[uW/cm^2/nm]
Distance	12 [in]	192.665909	0	207.716156	0.291907
Scan Averages	20	192.852234	0	207.901413	0.297403
Integration Time	350	193.038544	0	208.08667	0.302874
X Unit	Wavelength [nm]	193.224854	0	208.271912	0.308518
X Max	510	193.411133	0	208.457123	0.314309
X Min	170	193.597412	0	208.642334	0.320971
Y Unit	Irradiance [uW/cm^2/nm]	193.783676	0	208.82753	0.328029
Y Max	19.5	193.969925	0	209.012726	0.336195
Y Min	0	194.156158	0	209.197891	0.34504
Cal Flag	1	194.342377	0	209.383041	0.354702
SN	OS361AC55021379	194.528595	0	209.568192	0.364649
179.966217	0	194.714783	0	209.753311	0.375527
180.153397	0	194.90097	0	209.938431	0.387086
180.340561	0	195.087143	0	210.123535	0.399107
180.52771	0	195.2733	0	210.308624	0.410997
180.714844	0	195.459442	0	210.493698	0.422852
180.901978	0	195.645584	0	210.678757	0.434668
181.089096	0	195.831696	0	210.8638	0.447139
181.276199	0	196.017807	0	211.048843	0.461197
181.463287	0	196.203903	0	211.233856	0.477097
181.65036	0	196.389984	0	211.418869	0.494381
181.837433	0	196.57605	0	211.603867	0.512325
182.024475	0	196.7621	0	211.788834	0.529652
182.211517	0	196.948151	0	211.973801	0.545908
182.398544	0	197.134171	0	212.158752	0.561538
182.585571	0	197.32019	0	212.343704	0.577667
182.772568	0	197.506195	0	212.528625	0.595907
182.959564	0	197.692184	0	212.713531	0.616506
183.146545	0	197.878159	0	212.898437	0.639282
183.333511	0	198.064133	0	213.083313	0.663234
183.520462	0	198.250076	0	213.268188	0.685653
183.707413	0	198.43602	0	213.453049	0.706644
183.894333	0	198.621948	0	213.637894	0.727288
184.081253	0	198.807861	0	213.822723	0.749674
184.268158	0	198.993759	0	214.007538	0.776558
184.455048	0	199.179642	0	214.192337	0.809198
184.641937	0	199.365509	0	214.377121	0.846323
184.828796	0	199.551376	0	214.561905	0.886255
185.015656	0	199.737228	0	214.746658	0.92598
185.202499	0	199.92305	0.332872	214.931412	0.963792
185.389328	0	200.108871	0.294047	215.116135	1.000276
185.576141	0	200.294678	0.260179	215.300858	1.038102
185.762955	0	200.480484	0.232939	215.485565	1.078795
185.949738	0	200.66626	0.213918	215.670258	1.125686
186.13652	0	200.85202	0.202556	215.854935	1.184109
186.323288	0	201.037781	0.197825	216.039597	1.249769
186.51004	0	201.223526	0.197446	216.224258	1.310549
186.696793	0	201.409256	0.198596	216.40889	1.370071
186.883514	0	201.594971	0.20008	216.593521	1.426363
187.070236	0	201.78067	0.201509	216.778122	1.491975
187.256943	0	201.966354	0.202118	216.962723	1.602969
187.443634	0	202.152039	0.201469	217.147308	1.735318
187.63031	0	202.337708	0.199187	217.331863	1.830402
187.816986	0	202.523346	0.195886	217.516418	1.886915
188.003647	0	202.708984	0.192559	217.700958	1.914475
188.190277	0	202.894608	0.1901	217.885498	1.965549
188.376907	0	203.080215	0.189406	218.070007	2.140971
188.563538	0	203.265823	0.190175	218.254501	2.417894
188.750137	0	203.451401	0.192314	218.43898	2.703324
188.936722	0	203.636978	0.195796	218.623459	2.925428
189.123306	0	203.822525	0.200365	218.807922	3.016886
189.309875	0	204.008072	0.20584	218.992355	3.026703
189.496429	0	204.193604	0.211422	219.176788	3.070074
189.682968	0	204.37912	0.215901	219.361206	3.259175
189.869492	0	204.564621	0.219182	219.545609	3.731058
190.056015	0	204.750122	0.220748	219.729996	4.421471
190.242523	0	204.935593	0.221328	219.914368	5.127168
190.429016	0	205.121063	0.226385	220.098724	5.699961
190.615494	0	205.306503	0.228352	220.283066	6.037322
190.801956	0	205.491943	0.233439	220.467407	6.216204
190.988403	0	205.677368	0.23795	220.651718	6.448954
191.17485	0	205.862778	0.243402	220.836029	6.993808
191.361267	0	206.048187	0.250849	221.020309	8.128385
191.547684	0	206.233566	0.247871	221.20459	9.911704
191.734085	0	206.41893	0.263927	221.388855	12.182064
191.920486	0	206.604294	0.269188	221.57309	14.634509
192.106857	0	206.789642	0.27221	221.757324	16.86427
192.293228	0	206.97496	0.275024	221.941544	18.478836
192.479568	0	207.160278	0.278654	222.125763	19.25222
		207.345596	0.282569	222.309952	18.874912
		207.530884	0.286937	222.494125	17.544813

Wavelength [nm]	Irradiance[uW/cm ² /nm]	Wavelength [nm]	Irradiance[uW/cm ² /nm]	Wavelength [nm]	Irradiance[uW/cm ² /nm]
222.678284	15.426477	237.548035	0.315982	252.321136	0.121758
222.862442	12.958138	237.731018	0.312414	252.502899	0.123231
223.04657	10.379335	237.913986	0.308452	252.684647	0.124849
223.230698	7.932793	238.096939	0.304384	252.866379	0.126779
223.414795	5.794998	238.279877	0.30019	253.048096	0.12908
223.598892	4.103662	238.462799	0.295976	253.229797	0.131649
223.782974	2.870358	238.645706	0.291651	253.411484	0.134285
223.967041	2.032557	238.828598	0.287337	253.593155	0.136531
224.151093	1.506234	239.011475	0.283134	253.774811	0.138457
224.335129	1.193566	239.194351	0.279124	253.956436	0.140233
224.51915	1.008972	239.377197	0.275181	254.138062	0.142406
224.703156	0.879134	239.560028	0.271263	254.319672	0.145776
224.887146	0.773363	239.742844	0.267065	254.501266	0.150554
225.071121	0.712883	239.925644	0.262607	254.682846	0.156431
225.255096	0.681464	240.108444	0.257902	254.86441	0.163121
225.439041	0.629206	240.291214	0.253228	255.045944	0.169689
225.622986	0.558216	240.473969	0.248771	255.227478	0.175939
225.8069	0.500746	240.656723	0.244612	255.408997	0.182425
225.990814	0.461936	240.839447	0.240575	255.5905	0.189331
226.174698	0.435734	241.022171	0.236612	255.771988	0.194406
226.358582	0.418662	241.204865	0.23252	255.953445	0.201367
226.54245	0.401095	241.387558	0.22823	256.134888	0.207283
226.726303	0.381381	241.570221	0.223831	256.316345	0.213497
226.910141	0.366083	241.752884	0.219344	256.497772	0.220316
227.093964	0.355545	241.935516	0.214642	256.679169	0.2277
227.277771	0.347067	242.118149	0.209916	256.860565	0.235204
227.461563	0.340349	242.300751	0.205082	257.041931	0.242506
227.64534	0.335016	242.483353	0.200448	257.223297	0.249088
227.829117	0.330748	242.665939	0.196277	257.404633	0.254464
228.012863	0.327408	242.848495	0.192739	257.585968	0.258225
228.196594	0.324922	243.031052	0.189632	257.767273	0.259697
228.380325	0.322851	243.213593	0.186691	257.948578	0.257902
228.564026	0.321303	243.396103	0.183348	258.129852	0.252688
228.747726	0.320704	243.578613	0.179524	258.311127	0.244357
228.931412	0.321271	243.761108	0.175364	258.492371	0.233281
229.115067	0.322499	243.943588	0.171261	258.673615	0.220343
229.298721	0.323999	244.126053	0.167594	258.854828	0.206254
229.482361	0.325416	244.308487	0.164567	259.036041	0.191299
229.665985	0.326383	244.490921	0.162024	259.217224	0.176188
229.849594	0.32718	244.67334	0.159729	259.398376	0.161507
230.033188	0.327889	244.855743	0.157261	259.579529	0.147737
230.216766	0.32879	245.038132	0.15453	259.760681	0.135114
230.40033	0.329986	245.220505	0.151613	259.941803	0.123768
230.583878	0.331303	245.402847	0.14879	260.122925	0.113631
230.76741	0.332884	245.58519	0.146343	260.304016	0.104682
230.950943	0.334611	245.767517	0.144362	260.485077	0.096873
231.134445	0.336637	245.949829	0.142737	260.666138	0.09004
231.317932	0.338753	246.132126	0.141283	260.847198	0.083862
231.501419	0.34099	246.314407	0.139588	261.028229	0.078229
231.684875	0.342838	246.496674	0.137637	261.209229	0.073034
231.868332	0.344347	246.678925	0.135503	261.390228	0.068314
232.051758	0.345543	246.86116	0.133413	261.571228	0.064054
232.235184	0.34668	247.043381	0.131752	261.752197	0.060277
232.418594	0.347943	247.225586	0.13063	261.933136	0.056873
232.601974	0.349524	247.407776	0.129849	262.114075	0.053782
232.785355	0.351053	247.589951	0.129205	262.294983	0.050995
232.968719	0.352605	247.77211	0.128242	262.475891	0.048457
233.152069	0.353592	247.954254	0.126959	262.656799	0.046171
233.335403	0.354231	248.136383	0.125354	262.837646	0.044097
233.518723	0.354472	248.318497	0.123772	263.018524	0.04223
233.702026	0.354448	248.500595	0.122577	263.199341	0.040542
233.885315	0.354076	248.682678	0.121938	263.380188	0.038992
234.068588	0.353563	248.864746	0.12168	263.560974	0.037566
234.251846	0.352299	249.046799	0.121526	263.741791	0.036189
234.435089	0.350899	249.228836	0.120894	263.922546	0.034861
234.618332	0.350978	249.410858	0.119684	264.103333	0.03359
234.801544	0.352097	249.592865	0.118115	264.284058	0.032431
234.984741	0.35133	249.774857	0.116605	264.464783	0.031494
235.167938	0.348773	249.956833	0.115727	264.645508	0.03079
235.351105	0.346982	250.138794	0.115719	264.826202	0.030262
235.534271	0.346122	250.32074	0.116318	265.006897	0.029823
235.717407	0.344402	250.50267	0.117147	265.187561	0.029342
235.900543	0.34203	250.684586	0.117521	265.368195	0.028787
236.083649	0.339449	250.866486	0.117297	265.548828	0.028178
236.266754	0.336855	251.04837	0.116666	265.729462	0.027553
236.449829	0.333942	251.23024	0.116009	265.910065	0.026958
236.632904	0.330981	251.412094	0.115859	266.090637	0.026428
236.815964	0.328009	251.593933	0.116366	266.27121	0.025932
236.999008	0.325125	251.775757	0.117403	266.451752	0.025485
237.182022	0.322276	251.957565	0.118796	266.632294	0.025094
237.365036	0.319331	252.139359	0.120277	266.812836	0.024771

Wavelength [nm]	Irradiance[uW/cm ² /nm]	Wavelength [nm]	Irradiance[uW/cm ² /nm]	Wavelength [nm]	Irradiance[uW/cm ² /nm]
266.993317	0.024501	281.560333	0.011624	296.017883	0.009563
267.173828	0.024266	281.739502	0.011599	296.195679	0.009427
267.354279	0.024018	281.91864	0.011542	296.373444	0.009267
267.53476	0.023742	282.097778	0.011454	296.551208	0.009111
267.715179	0.023446	282.276886	0.011369	296.728943	0.008989
267.89563	0.02313	282.455994	0.011336	296.906647	0.008917
268.076019	0.022798	282.635071	0.011364	297.084351	0.008869
268.256409	0.022467	282.814148	0.011428	297.262054	0.008823
268.436798	0.022128	282.993195	0.011513	297.439697	0.008723
268.617157	0.02179	283.172211	0.011592	297.61734	0.008568
268.797516	0.021466	283.351227	0.011651	297.794983	0.008385
268.977844	0.021171	283.530212	0.011698	297.972595	0.008205
269.158142	0.020883	283.709198	0.011703	298.150177	0.008068
269.33844	0.020625	283.888184	0.011601	298.327759	0.007987
269.518707	0.020427	284.067108	0.011392	298.505341	0.007933
269.698975	0.020275	284.246033	0.011117	298.682861	0.007923
269.879242	0.020064	284.424957	0.010863	298.860413	0.007985
270.059479	0.019789	284.603851	0.010772	299.037903	0.008103
270.239685	0.019557	284.782745	0.010862	299.215393	0.008265
270.419891	0.019161	284.961609	0.011086	299.392883	0.008382
270.600067	0.018719	285.140442	0.011357	299.570312	0.008303
270.780243	0.017032	285.319275	0.011536	299.747772	0.008015
270.960388	0.016295	285.498077	0.011597	299.925171	0.007578
271.140503	0.016196	285.67688	0.011572	300.1026	0.007126
271.320648	0.016241	285.855652	0.0115	300.279968	0.006879
271.500732	0.0163	286.034424	0.011425	300.457336	0.006895
271.680817	0.016345	286.213165	0.01138	300.634705	0.007103
271.860901	0.01632	286.391907	0.011342	300.812012	0.007418
272.040955	0.016208	286.570618	0.011335	300.989349	0.007685
272.220978	0.016056	286.749298	0.011377	301.166626	0.007848
272.401001	0.015897	286.927979	0.011473	301.343933	0.007963
272.581024	0.015765	287.106628	0.011605	301.521179	0.00804
272.760986	0.015631	287.285278	0.011744	301.698425	0.007965
272.940979	0.015504	287.463898	0.01186	301.875671	0.007937
273.120941	0.015364	287.642517	0.011929	302.052856	0.007795
273.300873	0.015223	287.821106	0.011967	302.230072	0.007639
273.480804	0.015091	287.999695	0.011963	302.407227	0.007546
273.660706	0.014996	288.178253	0.011888	302.584381	0.00754
273.840576	0.014977	288.356781	0.011755	302.761536	0.007616
274.020477	0.01504	288.535309	0.011558	302.93866	0.007722
274.200317	0.015158	288.713806	0.011377	303.115753	0.007764
274.380157	0.015251	288.892303	0.011298	303.292847	0.007725
274.559998	0.015208	289.07077	0.011341	303.46991	0.007625
274.739807	0.014988	289.249237	0.01147	303.646973	0.007533
274.919586	0.014632	289.427673	0.011599	303.824005	0.007563
275.099365	0.014215	289.60611	0.011586	304.001007	0.007729
275.279114	0.013857	289.784515	0.011399	304.178009	0.007982
275.458862	0.013605	289.962891	0.011094	304.35498	0.008218
275.638611	0.013442	290.141266	0.010758	304.531952	0.008276
275.818298	0.01331	290.319611	0.010521	304.708893	0.008114
275.998016	0.013101	290.497955	0.010429	304.885834	0.007793
276.177673	0.012815	290.67627	0.01044	305.062744	0.007402
276.35733	0.012476	290.854584	0.010506	305.239624	0.007074
276.536987	0.012185	291.032867	0.010537	305.416504	0.006874
276.716614	0.012083	291.211121	0.010513	305.593353	0.006767
276.89624	0.012193	291.389374	0.010445	305.770203	0.006747
277.075836	0.01246	291.567627	0.010377	305.947021	0.006784
277.255402	0.012748	291.74585	0.010407	306.12384	0.006862
277.434967	0.012859	291.924042	0.010544	306.300598	0.006985
277.614502	0.012742	292.102234	0.010625	306.477386	0.007126
277.794037	0.012454	292.280396	0.010808	306.654114	0.007243
277.973541	0.012117	292.458527	0.010794	306.830872	0.007314
278.153046	0.011915	292.636658	0.01064	307.007568	0.00734
278.33252	0.011905	292.814789	0.010391	307.184265	0.00732
278.511993	0.01201	292.992889	0.010131	307.360962	0.007252
278.691437	0.012159	293.170959	0.009982	307.537598	0.007146
278.87088	0.012224	293.34903	0.009978	307.714264	0.007001
279.050293	0.012175	293.527069	0.010078	307.890869	0.006857
279.229675	0.012052	293.705109	0.010237	308.067474	0.006777
279.409058	0.011882	293.883118	0.010392	308.24408	0.006777
279.58844	0.011677	294.061096	0.010507	308.420654	0.006841
279.767761	0.011477	294.239075	0.010596	308.597198	0.006913
279.947113	0.011267	294.417053	0.010645	308.773743	0.006892
280.126434	0.01109	294.594971	0.010615	308.950256	0.006765
280.305725	0.011014	294.772919	0.010513	309.12674	0.00656
280.484985	0.011054	294.950806	0.010336	309.303223	0.006341
280.664276	0.011147	295.128693	0.010125	309.479706	0.006198
280.843506	0.011317	295.30658	0.009943	309.656158	0.006158
281.022736	0.011453	295.484436	0.009815	309.832581	0.006184
281.201965	0.011545	295.662262	0.009729	310.008972	0.006249
281.381165	0.011607	295.840088	0.00966	310.185364	0.006316

Wavelength [nm]	Irradiance[uW/cm ² /nm]	Wavelength [nm]	Irradiance[uW/cm ² /nm]	Wavelength [nm]	Irradiance[uW/cm ² /nm]
310.361755	0.006359	324.587616	0.004045	338.691254	0.003546
310.538116	0.006381	324.762482	0.003654	338.864594	0.003376
310.714447	0.00637	324.937347	0.00326	339.037903	0.003172
310.890747	0.006305	325.112183	0.003187	339.211212	0.002942
311.067078	0.006188	325.286987	0.003402	339.384491	0.002769
311.243347	0.006041	325.461792	0.00387	339.557739	0.002786
311.419617	0.005877	325.636566	0.004109	339.730988	0.003008
311.595856	0.005718	325.81134	0.004027	339.904205	0.003388
311.772095	0.005583	325.986084	0.003919	340.077393	0.003813
311.948303	0.005477	326.160797	0.003832	340.25058	0.004083
312.124512	0.005448	326.33551	0.003502	340.423737	0.004149
312.300659	0.005574	326.510193	0.003102	340.596893	0.004074
312.476837	0.005847	326.684875	0.003319	340.77002	0.003923
312.652985	0.006211	326.859497	0.003933	340.943115	0.0038
312.829102	0.006567	327.034149	0.004135	341.116211	0.00373
313.005188	0.006756	327.20874	0.003841	341.289276	0.003664
313.181274	0.006739	327.383331	0.003503	341.462311	0.003637
313.357361	0.006564	327.557922	0.003275	341.635345	0.003623
313.533386	0.006283	327.732483	0.003208	341.80835	0.003569
313.709442	0.005964	327.907013	0.003347	341.981354	0.003813
313.885437	0.005657	328.081512	0.003651	342.154327	0.004225
314.061432	0.005359	328.256012	0.00399	342.327271	0.003719
314.237427	0.005129	328.430511	0.004149	342.500183	0.002436
314.413361	0.005052	328.60498	0.004077	342.673096	0.003014
314.589325	0.005137	328.779419	0.00384	342.846008	0.003159
314.765228	0.005359	328.953827	0.003532	343.01886	0.003459
314.941132	0.005635	329.128235	0.003311	343.191711	0.003208
315.117035	0.005823	329.302612	0.003228	343.364563	0.00317
315.292877	0.005879	329.47699	0.003204	343.537354	0.003338
315.46875	0.005821	329.651337	0.003262	343.710175	0.003397
315.644562	0.005691	329.825653	0.003337	343.882935	0.003356
315.820374	0.00557	329.999969	0.003421	344.055695	0.003281
315.996185	0.005478	330.174255	0.003529	344.228424	0.003203
316.171967	0.005393	330.348541	0.003624	344.401154	0.003158
316.347717	0.005284	330.522797	0.003635	344.573822	0.003162
316.523468	0.005093	330.697021	0.003558	344.746521	0.003186
316.699188	0.004828	330.871246	0.003406	344.919159	0.003221
316.874878	0.004531	331.045441	0.003242	345.091797	0.003264
317.050568	0.004271	331.219604	0.003171	345.264435	0.003307
317.226227	0.004134	331.393768	0.003218	345.437012	0.003344
317.401886	0.00414	331.567932	0.003344	345.609589	0.003363
317.577515	0.00424	331.742035	0.003497	345.782166	0.003338
317.753113	0.004402	331.916138	0.003592	345.954712	0.003272
317.928711	0.004566	332.09021	0.003601	346.127228	0.003172
318.104279	0.0047	332.264282	0.003556	346.299713	0.003064
318.279846	0.004823	332.438324	0.003468	346.472198	0.00298
318.455383	0.004882	332.612366	0.003358	346.644653	0.002935
318.63092	0.004796	332.786377	0.003245	346.817108	0.002925
318.806396	0.004574	332.960358	0.003124	346.989532	0.002953
318.981903	0.004233	333.134338	0.003033	347.161926	0.002989
319.157349	0.003901	333.308289	0.003026	347.33432	0.003058
319.332794	0.003772	333.482208	0.00311	347.506683	0.00315
319.50824	0.003881	333.656128	0.003265	347.679016	0.003252
319.683655	0.004159	333.830017	0.003444	347.851349	0.003323
319.859039	0.004472	334.003876	0.003564	348.023651	0.003354
320.034393	0.004597	334.177734	0.003601	348.195923	0.003353
320.209747	0.00448	334.351562	0.003576	348.368195	0.003338
320.385101	0.004206	334.525391	0.003508	348.540436	0.003337
320.560425	0.003863	334.699188	0.00343	348.712646	0.003359
320.735718	0.003598	334.872955	0.003361	348.884857	0.003392
320.911011	0.003461	335.046722	0.00329	349.057037	0.003414
321.086273	0.003399	335.220459	0.003234	349.229218	0.003395
321.261505	0.003403	335.394196	0.003222	349.401367	0.003327
321.436737	0.003488	335.567902	0.003255	349.573486	0.003228
321.611938	0.003608	335.741577	0.003323	349.745605	0.003124
321.787109	0.003715	335.915222	0.003401	349.917694	0.003049
321.96228	0.003784	336.088867	0.003435	350.089752	0.003016
322.137451	0.003759	336.262512	0.003416	350.26178	0.003019
322.312592	0.003697	336.436127	0.003362	350.433807	0.003051
322.487701	0.003721	336.609711	0.003287	350.605835	0.0031
322.662781	0.003776	336.783264	0.003216	350.777802	0.003155
322.83786	0.003802	336.956818	0.003165	350.949768	0.003212
323.012939	0.003434	337.130341	0.003126	351.121735	0.003273
323.187958	0.003093	337.303864	0.00312	351.293671	0.003339
323.362976	0.003712	337.477356	0.003182	351.465576	0.003405
323.537994	0.004304	337.650818	0.003305	351.637451	0.003468
323.712982	0.002955	337.82428	0.003464	351.809326	0.003504
323.887939	0.013561	337.997711	0.003621	351.981171	0.003472
324.062897	0.003768	338.171112	0.00371	352.152985	0.003374
324.237823	0.003649	338.344513	0.003713	352.324799	0.003236
324.41272	0.003958	338.517883	0.003658	352.496582	0.003106

Wavelength [nm]	Irradiance[uW/cm ² /nm]	Wavelength [nm]	Irradiance[uW/cm ² /nm]	Wavelength [nm]	Irradiance[uW/cm ² /nm]
352.668365	0.003053	366.514709	0.005824	380.225983	0.008084
352.840118	0.003095	366.684814	0.005729	380.394409	0.008143
353.011841	0.003239	366.854889	0.005802	380.562805	0.00809
353.183533	0.003398	367.024963	0.006276	380.731171	0.007923
353.355225	0.003569	367.195007	0.006925	380.899536	0.007664
353.526917	0.003711	367.365021	0.00648	381.067841	0.007421
353.698547	0.003831	367.535034	0.005219	381.236145	0.00738
353.870178	0.003919	367.705017	0.004605	381.404449	0.007584
354.041779	0.00396	367.874969	0.004766	381.572723	0.007996
354.213379	0.003957	368.044922	0.004915	381.740967	0.008461
354.384949	0.003914	368.214844	0.004961	381.90918	0.008686
354.556488	0.003848	368.384735	0.0051	382.077362	0.008599
354.728027	0.003792	368.554626	0.00529	382.245544	0.008273
354.899536	0.003755	368.724487	0.005494	382.413727	0.007901
355.071014	0.003736	368.894318	0.005676	382.581848	0.00779
355.242493	0.00374	369.064148	0.005761	382.749969	0.007995
355.41394	0.00377	369.233948	0.005739	382.91806	0.008419
355.585358	0.003823	369.403717	0.005624	383.086121	0.00887
355.756775	0.003895	369.573486	0.00548	383.254181	0.009002
355.928162	0.003964	369.743225	0.005423	383.422211	0.00875
356.099548	0.003994	369.912933	0.005478	383.59021	0.00823
356.270874	0.003977	370.082611	0.005617	383.758209	0.007639
356.4422	0.003916	370.252289	0.005768	383.926178	0.007279
356.613525	0.003837	370.421936	0.005799	384.094116	0.007227
356.784821	0.003773	370.591583	0.005684	384.262054	0.007378
356.956085	0.003744	370.7612	0.005473	384.429932	0.007638
357.127319	0.003755	370.930786	0.005243	384.597809	0.007858
357.298553	0.003784	371.100342	0.005113	384.765686	0.007973
357.469757	0.00379	371.269897	0.005115	384.933533	0.008036
357.64093	0.003771	371.439423	0.005207	385.101349	0.008027
357.812103	0.003724	371.608917	0.005352	385.269135	0.007879
357.983246	0.003717	371.778412	0.005493	385.43689	0.007616
358.154388	0.003855	371.947876	0.005605	385.604645	0.007252
358.3255	0.004138	372.11734	0.00571	385.772369	0.006903
358.496582	0.004525	372.286743	0.005792	385.940094	0.006779
358.667633	0.004879	372.456146	0.005823	386.107788	0.006924
358.838684	0.004985	372.625549	0.005808	386.275452	0.007267
359.009705	0.00481	372.794891	0.005746	386.443085	0.00769
359.180725	0.004421	372.964233	0.005684	386.610718	0.007993
359.351715	0.003975	373.133545	0.005713	386.77832	0.008107
359.522675	0.003725	373.302856	0.005854	386.945892	0.008079
359.693604	0.003738	373.472137	0.006073	387.113434	0.007935
359.864532	0.003935	373.641388	0.006301	387.280975	0.007716
360.035431	0.004213	373.810638	0.006423	387.448486	0.007467
360.206329	0.004386	373.979828	0.006407	387.615997	0.007162
360.377197	0.004401	374.149048	0.006297	387.783447	0.006878
360.548035	0.004351	374.318207	0.006146	387.950897	0.006696
360.718872	0.004285	374.487366	0.006044	388.118347	0.006637
360.889648	0.004163	374.656494	0.006019	388.285736	0.006677
361.060455	0.004191	374.825592	0.006035	388.453125	0.006793
361.231201	0.004185	374.99469	0.006085	388.620483	0.006917
361.401947	0.004216	375.163757	0.006144	388.787842	0.007036
361.572662	0.00431	375.332794	0.006205	388.95517	0.007176
361.743378	0.004475	375.501831	0.006285	389.122467	0.007296
361.914062	0.00472	375.670837	0.006355	389.289734	0.007327
362.084717	0.004944	375.839813	0.006366	389.45697	0.007262
362.255341	0.005024	376.008789	0.00632	389.624207	0.007109
362.425964	0.004915	376.177734	0.006219	389.791443	0.006989
362.596558	0.004519	376.346649	0.006131	389.958618	0.007103
362.767151	0.004151	376.515533	0.006176	390.125793	0.007467
362.937714	0.004055	376.684418	0.006379	390.292938	0.007982
363.108246	0.004339	376.853271	0.006688	390.460052	0.008474
363.278748	0.005029	377.022125	0.007008	390.627167	0.008693
363.449249	0.005691	377.190918	0.007169	390.79425	0.008578
363.61972	0.00561	377.359711	0.00713	390.961304	0.008228
363.790192	0.004741	377.528503	0.006949	391.128326	0.007726
363.960632	0.003334	377.697266	0.006724	391.295349	0.007205
364.131042	0.002275	377.865997	0.00661	391.462341	0.006749
364.301422	0.002997	378.034698	0.006649	391.629333	0.006316
364.471802	0.005675	378.203369	0.006803	391.796265	0.005985
364.642151	0.009674	378.37204	0.007001	391.963196	0.005851
364.8125	0.013828	378.54071	0.007134	392.130096	0.005921
364.982819	0.016329	378.70932	0.007173	392.296997	0.006167
365.153107	0.016678	378.87793	0.00716	392.463867	0.006453
365.323364	0.015388	379.046509	0.007144	392.630707	0.006546
365.493622	0.013094	379.215057	0.007191	392.797516	0.006407
365.663849	0.010881	379.383606	0.007316	392.964325	0.006106
365.834076	0.009217	379.552124	0.00748	393.131104	0.005796
366.004242	0.007863	379.720642	0.007667	393.297852	0.005717
366.174438	0.006823	379.889099	0.007836	393.464569	0.005928
366.344574	0.006151	380.057556	0.007968	393.631287	0.006362

Wavelength [nm]	Irradiance[uW/cm ² /nm]	Wavelength [nm]	Irradiance[uW/cm ² /nm]	Wavelength [nm]	Irradiance[uW/cm ² /nm]
393.797974	0.006881	407.226379	0.007609	420.506958	0.026743
393.964661	0.007191	407.391266	0.014487	420.669983	0.027116
394.131287	0.007186	407.556122	0.02787	420.832977	0.027451
394.297913	0.006951	407.720917	0.042822	420.995941	0.027838
394.464508	0.006652	407.885742	0.04907	421.158875	0.028307
394.631104	0.006523	408.050507	0.044764	421.321808	0.028825
394.797668	0.006619	408.215271	0.033809	421.484711	0.029372
394.964203	0.00686	408.380005	0.020408	421.647583	0.029933
395.130707	0.007138	408.544708	0.010832	421.810425	0.030502
395.297211	0.0073	408.709381	0.007134	421.973267	0.031056
395.463654	0.007277	408.874054	0.007426	422.136078	0.031617
395.630127	0.007146	409.038696	0.009891	422.298859	0.032153
395.796539	0.006975	409.203308	0.011652	422.461609	0.032684
395.962952	0.006873	409.36792	0.011711	422.624359	0.03322
396.129333	0.006867	409.532501	0.01116	422.787079	0.033733
396.295685	0.006913	409.697052	0.010477	422.949768	0.034169
396.462036	0.006963	409.861572	0.010185	423.112427	0.034526
396.628326	0.006966	410.026062	0.010471	423.275085	0.034839
396.794647	0.006913	410.190552	0.010817	423.437683	0.035227
396.960907	0.006804	410.355011	0.0111	423.600281	0.035911
397.127167	0.00668	410.51947	0.011424	423.762878	0.036917
397.293396	0.006589	410.683868	0.011761	423.925415	0.038156
397.459595	0.006559	410.848267	0.012144	424.087952	0.039422
397.625763	0.006573	411.012634	0.012556	424.250458	0.040392
397.791931	0.006618	411.176971	0.012893	424.412933	0.040981
397.958069	0.006681	411.341309	0.013135	424.575378	0.041297
398.124176	0.006753	411.505615	0.013317	424.737823	0.041528
398.290283	0.006814	411.669891	0.01344	424.900238	0.041898
398.45636	0.006877	411.834137	0.013504	425.062622	0.042547
398.622406	0.006952	411.998383	0.013536	425.224976	0.043382
398.788422	0.007036	412.162598	0.013526	425.387329	0.044354
398.954437	0.007091	412.326782	0.013541	425.549622	0.045384
399.120422	0.007131	412.490936	0.013666	425.711914	0.046436
399.286377	0.007023	412.65509	0.013914	425.874207	0.047535
399.452332	0.006787	412.819214	0.014294	426.036438	0.048649
399.618256	0.006446	412.983307	0.014722	426.198669	0.049654
399.784149	0.006114	413.147369	0.015074	426.36087	0.050553
399.950012	0.005945	413.311432	0.015335	426.523041	0.0513
400.115875	0.006005	413.475464	0.015522	426.685181	0.052061
400.281708	0.006285	413.639465	0.015733	426.847321	0.052857
400.44751	0.006627	413.803436	0.016151	427.00943	0.053754
400.613281	0.006827	413.967407	0.016777	427.171509	0.054737
400.779053	0.006743	414.131348	0.017526	427.333557	0.055738
400.944794	0.006249	414.295258	0.018241	427.495605	0.056513
401.110504	0.005717	414.459137	0.018682	427.657623	0.05725
401.276215	0.005588	414.623016	0.0188	427.819611	0.057836
401.441895	0.006098	414.786865	0.018663	427.981567	0.058389
401.607544	0.007776	414.950684	0.018353	428.143524	0.058979
401.773163	0.009498	415.114471	0.018028	428.30542	0.059665
401.938782	0.009231	415.278259	0.017753	428.467316	0.060423
402.10437	0.00718	415.442017	0.017511	428.629181	0.061219
402.269928	0.003638	415.605743	0.017314	428.791046	0.062046
402.435455	0.000829	415.76944	0.017187	428.95285	0.062872
402.600983	0.00383	415.933136	0.017143	429.114655	0.063713
402.766479	0.010446	416.096802	0.017204	429.276428	0.064601
402.931946	0.014594	416.260437	0.017365	429.438171	0.065571
403.097412	0.015702	416.424042	0.017571	429.599915	0.066617
403.262817	0.008898	416.587646	0.017825	429.761627	0.067671
403.428223	0	416.751221	0.018118	429.923309	0.068708
403.593628	0.002345	416.914764	0.01847	430.084961	0.069654
403.758972	0.012881	417.078278	0.018906	430.246582	0.070474
403.924316	0.00519	417.241791	0.01943	430.408203	0.071268
404.08963	0.026316	417.405273	0.020011	430.569794	0.072008
404.254944	0.081878	417.568726	0.020603	430.731354	0.072651
404.420197	0.29164	417.732147	0.021142	430.892883	0.07325
404.585449	0.688304	417.895569	0.021593	431.054413	0.073758
404.750671	0.729822	418.05896	0.021969	431.215912	0.074458
404.915894	0.67603	418.222321	0.022288	431.37738	0.075676
405.081055	0.453097	418.385651	0.022608	431.538818	0.077489
405.246216	0.079493	418.548981	0.022943	431.700226	0.079711
405.411377	0.025618	418.71225	0.023282	431.861633	0.081925
405.576477	0.01395	418.875519	0.023585	432.02301	0.083386
405.741577	0.013068	419.038788	0.023775	432.184357	0.083902
405.906647	0.016497	419.201996	0.023865	432.345673	0.083673
406.071686	0.000416	419.365204	0.023875	432.506989	0.08322
406.236725	0	419.528381	0.023923	432.668243	0.083163
406.401703	0.010846	419.691528	0.024133	432.829498	0.083919
406.566711	0.015809	419.854675	0.024541	432.990753	0.08576
406.731659	0.012561	420.017761	0.025107	433.151947	0.08809
406.896576	0.008364	420.180847	0.025739	433.313141	0.089867
407.061493	0.006007	420.343933	0.026305	433.474274	0.091074

Wavelength [nm]	Irradiance[uW/cm²/nm]	Wavelength [nm]	Irradiance[uW/cm²/nm]	Wavelength [nm]	Irradiance[uW/cm²/nm]
433.635437	0.091556	446.607513	0.125253	459.418945	0.095621
433.796539	0.092405	446.766663	0.124843	459.576111	0.094883
433.957611	0.096996	446.925781	0.124699	459.733215	0.093898
434.118683	0.10524	447.0849	0.124703	459.89032	0.092774
434.279724	0.110904	447.243988	0.124775	460.047394	0.091739
434.440735	0.113662	447.403046	0.124846	460.204437	0.09087
434.601746	0.119702	447.562073	0.124724	460.36145	0.090064
434.762695	0.121697	447.721069	0.124532	460.518433	0.089417
434.923645	0.125387	447.880066	0.124375	460.675415	0.088947
435.084564	0.176577	448.039001	0.124357	460.832336	0.088629
435.245453	0.243225	448.197937	0.124449	460.989258	0.088393
435.406342	0.463714	448.356873	0.124683	461.146149	0.088265
435.5672	1.028803	448.515747	0.124805	461.30304	0.088019
435.727997	2.991943	448.674591	0.124678	461.459869	0.087624
435.888824	3.445372	448.833435	0.124252	461.616699	0.08716
436.049591	3.238326	448.992249	0.123647	461.773468	0.086547
436.210327	2.701628	449.151031	0.123014	461.930237	0.085781
436.371063	0.920429	449.309784	0.122652	462.086975	0.084869
436.531769	0.190294	449.468536	0.122567	462.243713	0.083873
436.692444	0.120838	449.627258	0.12266	462.400391	0.082931
436.853119	0.119023	449.785919	0.122836	462.557068	0.082309
437.013733	0.111994	449.94458	0.123022	462.713684	0.08208
437.174347	0.115273	450.103241	0.122994	462.8703	0.082132
437.33493	0.124349	450.261841	0.123387	463.026886	0.082292
437.495514	0.118065	450.420441	0.12388	463.183472	0.082202
437.656036	0.11504	450.57901	0.122587	463.339996	0.081723
437.816559	0.112628	450.737549	0.120116	463.496521	0.080957
437.977051	0.113222	450.896057	0.119496	463.653015	0.08011
438.137512	0.11667	451.054535	0.120746	463.809479	0.079432
438.297943	0.120256	451.213013	0.120765	463.965912	0.079023
438.458374	0.117153	451.37146	0.119514	464.122314	0.078753
438.618744	0.112892	451.529877	0.118782	464.278717	0.078478
438.779114	0.109924	451.688263	0.118591	464.435059	0.077908
438.939453	0.11656	451.846619	0.118243	464.5914	0.076989
439.099792	0.118764	452.004974	0.117733	464.747711	0.075841
439.260071	0.118349	452.163269	0.117298	464.903992	0.074642
439.420349	0.118062	452.321564	0.116951	465.060242	0.073675
439.580597	0.118358	452.479828	0.116643	465.216492	0.073046
439.740814	0.118851	452.638092	0.116552	465.372711	0.072672
439.901031	0.1195	452.796295	0.116517	465.52887	0.072406
440.061188	0.119933	452.954498	0.116261	465.685028	0.072053
440.221344	0.120046	453.112671	0.117138	465.841156	0.071509
440.38147	0.120243	453.270813	0.115622	465.997284	0.070866
440.541595	0.120519	453.428925	0.11484	466.153351	0.070313
440.70166	0.120754	453.587006	0.113882	466.309418	0.070077
440.861725	0.120905	453.745087	0.112897	466.465454	0.070218
441.021759	0.121033	453.903137	0.111988	466.62146	0.070588
441.181763	0.12112	454.061157	0.11116	466.777435	0.070994
441.341736	0.121205	454.219147	0.110615	466.93338	0.071113
441.501709	0.12132	454.377106	0.110522	467.089325	0.070853
441.661621	0.121536	454.535065	0.110936	467.245209	0.070296
441.821533	0.121863	454.692963	0.111689	467.401093	0.069543
441.981415	0.122328	454.850861	0.112416	467.556946	0.06878
442.141296	0.12281	455.008728	0.112432	467.712769	0.068124
442.301117	0.123024	455.166595	0.111581	467.868561	0.067533
442.460937	0.123075	455.324402	0.110121	468.024353	0.066986
442.620728	0.122862	455.482208	0.108397	468.180084	0.066278
442.780487	0.122713	455.639984	0.107058	468.335815	0.065456
442.940216	0.122773	455.797729	0.106312	468.491516	0.064602
443.099945	0.123148	455.955444	0.105961	468.647186	0.063945
443.259644	0.123722	456.113129	0.105918	468.802826	0.063553
443.419312	0.124373	456.270813	0.105971	468.958466	0.063739
443.578949	0.12481	456.428436	0.106034	469.114044	0.064063
443.738556	0.124905	456.58606	0.106172	469.269623	0.064404
443.898163	0.124776	456.743652	0.106179	469.425171	0.064251
444.057709	0.124577	456.901245	0.10575	469.580688	0.063604
444.217255	0.124508	457.058777	0.104862	469.736176	0.062815
444.376801	0.124691	457.216309	0.103559	469.891663	0.061659
444.536285	0.125073	457.37381	0.102097	470.047089	0.059987
444.69574	0.12544	457.531281	0.100949	470.202515	0.058976
444.855194	0.125711	457.688721	0.100291	470.35791	0.05531
445.014618	0.125796	457.84613	0.099989	470.513275	0.060395
445.174011	0.125783	458.00354	0.099858	470.66861	0.060821
445.333405	0.125703	458.160889	0.099523	470.823914	0.059812
445.492737	0.125767	458.318237	0.09889	470.979218	0.059222
445.652069	0.126	458.475555	0.098063	471.13446	0.059265
445.811371	0.126289	458.632874	0.097212	471.289703	0.059062
445.970642	0.126534	458.790131	0.096621	471.444916	0.058547
446.129913	0.126554	458.947388	0.096317	471.600098	0.058034
446.289124	0.126286	459.104584	0.096183	471.755249	0.057477
446.448334	0.125795	459.26178	0.096044	471.9104	0.056911

Wavelength [nm]	Irradiance[uW/cm ² /nm]	Wavelength [nm]	Irradiance[uW/cm ² /nm]	Wavelength [nm]	Irradiance[uW/cm ² /nm]
472.065491	0.056379	484.542877	0.247935	496.846802	0.21772
472.220581	0.055836	484.695831	0.262434	496.997589	0.21846
472.375641	0.055382	484.848785	0.279326	497.148376	0.218693
472.53067	0.055128	485.001678	0.298409	497.299103	0.218308
472.685669	0.055065	485.154572	0.318857	497.449829	0.217094
472.840637	0.055185	485.307434	0.33975	497.600525	0.214897
472.995605	0.055292	485.460266	0.359891	497.75119	0.21159
473.150513	0.055151	485.613068	0.378523	497.901825	0.207156
473.30542	0.054755	485.765869	0.395689	498.052429	0.201846
473.460297	0.054095	485.91861	0.410478	498.203003	0.195651
473.615143	0.053341	486.07135	0.421733	498.353546	0.188733
473.769989	0.052719	486.22403	0.429483	498.504089	0.181281
473.924774	0.052329	486.376709	0.434209	498.654602	0.173432
474.079559	0.052097	486.529358	0.437818	498.805054	0.165491
474.234283	0.051866	486.681976	0.443243	498.955505	0.157637
474.389008	0.051429	486.834595	0.451079	499.105927	0.150009
474.543701	0.050749	486.987152	0.459978	499.256317	0.14261
474.698364	0.049881	487.139709	0.468496	499.406677	0.135387
474.853027	0.049038	487.292206	0.474224	499.557007	0.12832
475.007629	0.048556	487.444702	0.476073	499.707336	0.121549
475.162231	0.048496	487.597168	0.475036	499.857605	0.115196
475.316772	0.048724	487.749603	0.471305	500.007874	0
475.471313	0.049036	487.902008	0.46499		
475.625824	0.04902	488.054382	0.456581		
475.780334	0.04858	488.206757	0.446909		
475.934784	0.047886	488.35907	0.43752		
476.089233	0.047125	488.511383	0.430918		
476.243622	0.046695	488.663666	0.427895		
476.39801	0.046656	488.815918	0.42761		
476.552368	0.046898	488.96814	0.429366		
476.706696	0.047253	489.120331	0.431965		
476.860992	0.04746	489.272491	0.434382		
477.015289	0.04744	489.424652	0.436519		
477.169525	0.047276	489.576752	0.437052		
477.323761	0.047071	489.728851	0.43453		
477.477966	0.046943	489.88092	0.428721		
477.632141	0.046971	490.032928	0.41999		
477.786285	0.047118	490.184967	0.409389		
477.940399	0.047332	490.336945	0.399109		
478.094513	0.047535	490.488892	0.389817		
478.248566	0.047721	490.640808	0.381623		
478.402618	0.047924	490.792725	0.374603		
478.556641	0.048202	490.944611	0.368547		
478.710632	0.048702	491.096436	0.363889		
478.864594	0.049405	491.24826	0.36016		
479.018524	0.050255	491.400055	0.357232		
479.172455	0.051136	491.551849	0.354408		
479.326324	0.051796	491.703583	0.351284		
479.480194	0.052215	491.855286	0.347922		
479.634033	0.052502	492.006989	0.343931		
479.787842	0.052784	492.15863	0.338954		
479.94162	0.053328	492.310272	0.332997		
480.095367	0.05419	492.461884	0.326363		
480.249084	0.055273	492.613464	0.319757		
480.402802	0.05654	492.765015	0.314453		
480.556488	0.057916	492.916534	0.310693		
480.710144	0.059371	493.068054	0.308162		
480.86377	0.060954	493.219513	0.30624		
481.017365	0.062591	493.370972	0.303903		
481.170929	0.064281	493.5224	0.301101		
481.324463	0.066097	493.673767	0.2975		
481.477997	0.068275	493.825134	0.293142		
481.6315	0.070931	493.976471	0.287727		
481.784943	0.074209	494.127808	0.281264		
481.938385	0.078282	494.279083	0.274012		
482.091797	0.083186	494.430328	0.2659		
482.245209	0.089332	494.581573	0.257823		
482.39856	0.097162	494.732758	0.249916		
482.55191	0.106706	494.883942	0.242523		
482.7052	0.117517	495.035095	0.235784		
482.85849	0.128951	495.186218	0.230025		
483.011749	0.140001	495.337311	0.225366		
483.164978	0.150336	495.488403	0.22179		
483.318176	0.160044	495.639435	0.219199		
483.471375	0.169448	495.790436	0.217298		
483.624512	0.179046	495.941437	0.21592		
483.777649	0.189196	496.092407	0.215061		
483.930725	0.199899	496.243317	0.214738		
484.083801	0.211175	496.394226	0.214995		
484.236847	0.222719	496.545105	0.215781		
484.389862	0.234897	496.695953	0.216736		