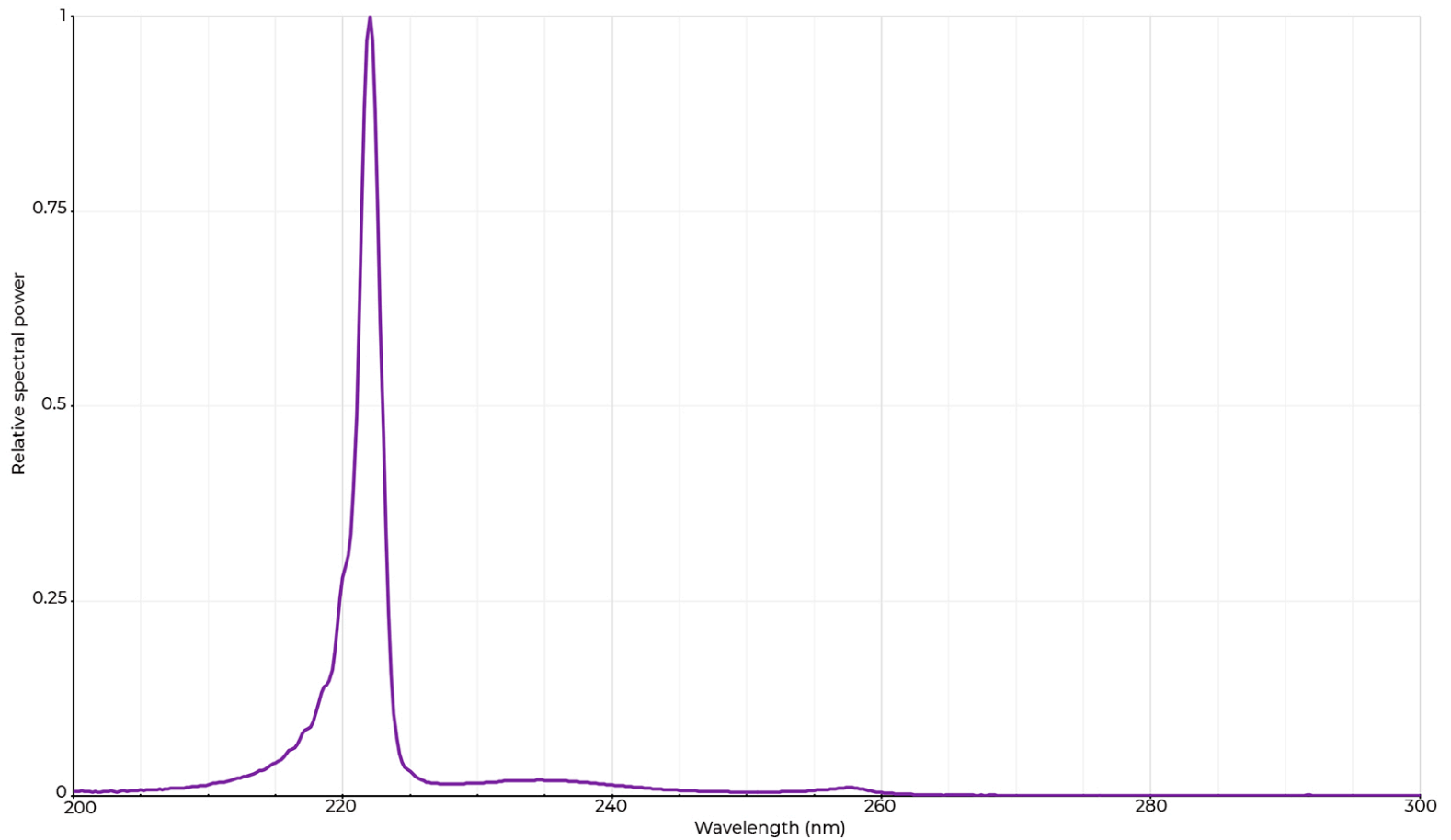


Spectral analysis of the 500w GermBuster Luminaire



Excimer lamp, low output

Relative spectral power

Wavelength (nm)

Notes:

Average of ten measurements one minute apart at the end of a 14 minute stabilization period after the lamp was switched to LOW power

Instrument aimed at center of discharge tube

Test distance ~250 cm

Lamp operated in LOW power setting

Wavelength (nm)	Irradiance (W/m²)/nm	Normalized SPD	Wavelength (nm)	Irradiance (W/m²)/nm	Normalized SPD	Wavelength (nm)	Irradiance (W/m²)/nm	Normalized SPD
200	0.0005076	0.007079449	218.2	0.009347	0.130361713	236.6	0.0014056	0.019603768
200.2	0.0004612	0.006432312	218.4	0.0102604	0.143100815	236.8	0.0013915	0.019407117
200.4	0.0004094	0.005709863	218.6	0.0107881	0.150460597	237	0.0013731	0.019150494
200.6	0.0004127	0.005755887	218.8	0.0109659	0.152940356	237.2	0.0013558	0.018909213
200.8	0.0004197	0.005853516	219	0.0112136	0.156395004	237.4	0.0013375	0.018653984
201	0.0004074	0.005681969	219.2	0.0121444	0.169376783	237.6	0.0013204	0.018415492
201.2	0.0004038	0.00563176	219.4	0.0139938	0.195170187	237.8	0.0013043	0.018190947
201.4	0.000425	0.005927434	219.6	0.0165021	0.230153207	238	0.0012896	0.017985928
201.6	0.0004343	0.00605714	219.8	0.0190284	0.265387271	238.2	0.0012737	0.017764172
201.8	0.0004071	0.005677785	220	0.0208538	0.290845949	238.4	0.0012577	0.017541021
202	0.0003936	0.005489501	220.2	0.0219328	0.305894599	238.6	0.0012392	0.017283004
202.2	0.0004086	0.005698705	220.4	0.0228837	0.31915677	238.8	0.0012183	0.016991513
202.4	0.0004176	0.005824227	220.6	0.0247536	0.345236086	239	0.0011959	0.016679103
202.6	0.0004218	0.005882804	220.8	0.0288013	0.40168897	239.2	0.001171	0.016331825
202.8	0.000453	0.006317948	221	0.0355801	0.496232244	239.4	0.0011473	0.016001283
203	0.0004751	0.006626174	221.2	0.0445724	0.62164699	239.6	0.0011256	0.015698635
203.2	0.0004553	0.006350025	221.4	0.0545392	0.760652994	239.8	0.0011034	0.015389014
203.4	0.0004433	0.006182663	221.6	0.06357	0.886604696	240	0.0010825	0.015097524
203.6	0.0004419	0.006163137	221.8	0.0696983	0.972075509	240.2	0.0010613	0.014801849
203.8	0.000462	0.00644347	222	0.0717005	1	240.4	0.0010405	0.014511754
204	0.0004776	0.006661041	222.2	0.0692357	0.965623671	240.6	0.0010164	0.014175633
204.2	0.0004785	0.006673594	222.4	0.0627885	0.87570519	240.8	0.0009911	0.013822777
204.4	0.0005001	0.006974847	222.6	0.0535268	0.746533148	241	0.0009655	0.013465736
204.6	0.0005403	0.007535512	222.8	0.043127	0.601488135	241.2	0.0009409	0.013122642
204.8	0.0005541	0.00772798	223	0.032965	0.459759695	241.4	0.0009169	0.012787916
205	0.0005521	0.007700086	223.2	0.0239286	0.33372989	241.6	0.0008958	0.012493637
205.2	0.0005672	0.007910684	223.4	0.0166493	0.232206191	241.8	0.0008768	0.012228646
205.4	0.0005673	0.007912079	223.6	0.0112927	0.157498204	242	0.0008591	0.011981785
205.6	0.0005752	0.008022259	223.8	0.0076736	0.107022964	242.2	0.0008419	0.011741899
205.8	0.0006023	0.00840022	224	0.0054172	0.075553169	242.4	0.0008224	0.011460934
206	0.0006364	0.00887581	224.2	0.0040827	0.056941026	242.6	0.0008017	0.011181233
206.2	0.0006629	0.009245403	224.4	0.0033333	0.046489216	242.8	0.0007805	0.010885559
206.4	0.0006834	0.009531314	224.6	0.0028837	0.040218687	243	0.0007601	0.010601042
206.6	0.0006823	0.009515973	224.8	0.0025819	0.036009512	243.2	0.0007404	0.010326288
206.8	0.0007004	0.009768412	225	0.0023488	0.032758488	243.4	0.0007206	0.010050139
207	0.000728	0.010153346	225.2	0.0021349	0.029775246	243.6	0.0007008	0.00977399
207.2	0.0007572	0.010560596	225.4	0.0019278	0.026886842	243.8	0.0006848	0.00955084
207.4	0.0007608	0.010610805	225.6	0.0017552	0.024479606	244	0.0006695	0.009337452
207.6	0.0007524	0.010493651	225.8	0.0016345	0.022796215	244.2	0.000656	0.009149169
207.8	0.0007826	0.010914847	226	0.0015246	0.02126345	244.4	0.000641	0.008939966
208	0.0008302	0.01157872	226.2	0.0014314	0.019963599	244.6	0.0006238	0.008700079
208.2	0.0008523	0.011886946	226.4	0.0013782	0.019221623	244.8	0.0006087	0.008489481
208.4	0.0008634	0.012041757	226.6	0.0013327	0.018587039	245	0.0005947	0.008294224
208.6	0.0008847	0.012338826	226.8	0.0012883	0.017967797	245.2	0.0005823	0.008121282
208.8	0.0009054	0.012627527	227	0.0012569	0.017529864	245.4	0.0005707	0.007959498
209	0.0009371	0.013069644	227.2	0.0012265	0.017105878	245.6	0.00056	0.007810266
209.2	0.000977	0.013626125	227.4	0.001215	0.016945489	245.8	0.0005511	0.007686139
209.4	0.0010305	0.014372285	227.6	0.0012099	0.016874359	246	0.0005425	0.007566195
209.6	0.0010688	0.014906451	227.8	0.0012074	0.016839492	246.2	0.000535	0.007461594
209.8	0.0011018	0.015366699	228	0.0012006	0.016744653	246.4	0.0005265	0.007343045
210	0.0011588	0.016161673	228.2	0.0011962	0.016683287	246.6	0.0005141	0.007170103
210.2	0.0011891	0.016584264	228.4	0.0012054	0.016811598	246.8	0.0005008	0.00698461
210.4	0.0012328	0.017193743	228.6	0.0012091	0.016863202	247	0.0004871	0.006793537
210.6	0.0012814	0.017871563	228.8	0.001212	0.016903648	247.2	0.0004764	0.006644305
210.8	0.0013027	0.018168632	229	0.0012157	0.016955251	247.4	0.0004714	0.006574571
211	0.0013519	0.01885482	229.2	0.0012221	0.017044512	247.6	0.0004654	0.006490889
211.2	0.001415	0.019734869	229.4	0.0012449	0.017362501	247.8	0.000461	0.006429523
211.4	0.0014674	0.020465687	229.6	0.0012632	0.017617729	248	0.0004589	0.006400234
211.6	0.0015276	0.021305291	229.8	0.0012723	0.017744646	248.2	0.0004554	0.00635142
211.8	0.0015999	0.022313652	230	0.0012843	0.017912009	248.4	0.0004543	0.006336079
212	0.0016802	0.023433588	230.2	0.0012841	0.01790922	248.6	0.0004527	0.006313764
212.2	0.0017462	0.024354084	230.4	0.0012907	0.018001269	248.8	0.0004504	0.006281686
212.4	0.0018268	0.025478204	230.6	0.0013051	0.018202105	249	0.0004472	0.006237056
212.6	0.0018991	0.026486566	230.8	0.0013127	0.018308101	249.2	0.0004428	0.006175689
212.8	0.0019564	0.027285723	231	0.0013226	0.018446175	249.4	0.0004414	0.006156163
213	0.0020359	0.028394502	231.2	0.0013386	0.018669326	249.6	0.0004393	0.006126875
213.2	0.002154	0.030041632	231.4	0.0013585	0.018946869	249.8	0.0004363	0.006085034
213.4	0.002275	0.031729207	231.6	0.0013738	0.019160257	250	0.000435	0.006066903
213.6	0.002397	0.033430729	231.8	0.0013829	0.019287174	250.2	0.0004319	0.006023668
213.8	0.0025202	0.035148988	232	0.0013924	0.019419669	250.4	0.0004281	0.00597067
214	0.0026115	0.036422234	232.2	0.0014023	0.019557744	250.6	0.0004258	0.005938592
214.2	0.0027185	0.037914659	232.4	0.0014109	0.019677687	250.8	0.0004249	0.00592604
214.4	0.002908	0.040557597	232.6	0.001418	0.01977671	251	0.000428	0.005969275
214.6	0.0031011	0.043250744	232.8	0.0014259	0.019886891	251.2	0.0004312	0.006013905
214.8	0.003252	0.045355332	233	0.0014349	0.020012413	251.4	0.000433	0.006039009
215	0.0033678	0.046970384	233.2	0.0014432	0.020128172	251.6	0.0004351	0.006068298
215.2	0.0035203	0.049097287	233.4	0.0014481	0.020196512	251.8	0.0004397	0.006132454
215.4	0.0037402	0.052164211	233.6	0.001452	0.020250905	252	0.0004428	0.006175689
215.6	0.0040318	0.056231128	233.8	0.0014557	0.020302508	252.2	0.0004439	0.006191031
215.8	0.0043383	0.060505854	234	0.001459	0.020348533	252.4	0.0004469	0.006232871
216	0.0045513	0.063476545	234.2	0.0014621	0.020391769	252.6	0.0004522	0.00630679
216.2	0.0046786	0.065251986	234.4	0.0014665	0.020453135	252.8	0.0004621	0.006444864
216.4	0.0048478	0.067611802	234.6	0.001469	0.020488002	253	0.0004743	0.006615017
216.6	0.0051962	0.072470903	234.8	0.0014637	0.020414084	253.2	0.0004901	0.006835378
216.8	0.0057396	0.080049651	235	0.0014579	0.020333192	253.4	0.0005071	0.007072475
217	0.0062818	0.087611662	235.2	0.0014518	0.020248115	253.6	0.0005214	0.007271916
217.2	0.0066265	0.09241916	235.4	0.001447	0.02018117	253.8	0.0005326	0.007428121
217.4	0.0067736	0.09447075	235.6	0.0014424	0.020117015	254	0.0005447	0.007596879
217.6	0.0069422	0.096822198	235.8	0.001438	0.020055648	254.2	0.0005565	0.007761452
217.8	0.0073981	0.103180591	236	0.0014306	0.019952441	254.4	0.0005722	0.007980419
218	0.0082643	0.1152614	236.2	0.0014231	0.019847839	254.6	0.000592	0.008256567
			236.4	0.0014161	0.019750211	254.8	0.0006188	0.008630344



Wavelength (nm)	Irradiance (W/m²/nm)	Normalized SPD	Wavelength (nm)	Irradiance (W/m²/nm)	Normalized SPD	Wavelength (nm)	Irradiance (W/m²/nm)	Normalized SPD
255	0.000651	0.009079435	273.4	4.67178E-05	0.000651569	291.8	4.95983E-05	0.000691743
255.2	0.0006856	0.009561997	273.6	5.20943E-05	0.000726555	292	4.31432E-05	0.000601714
255.4	0.0007147	0.009967852	273.8	5.64759E-05	0.000787664	292.2	4.07073E-05	0.00056774
255.6	0.0007393	0.010310946	274	5.70594E-05	0.000795803	292.4	4.618E-05	0.000644069
255.8	0.0007654	0.01067496	274.2	4.93244E-05	0.000687922	292.6	4.67144E-05	0.000651521
256	0.0007939	0.011072447	274.4	4.56927E-05	0.000637272	292.8	4.83269E-05	0.000674011
256.2	0.0008298	0.011573141	274.6	4.28412E-05	0.000597503	293	4.80076E-05	0.00069558
256.4	0.0008751	0.012204936	274.8	3.85492E-05	0.000537642	293.2	3.9472E-05	0.000550512
256.6	0.0009164	0.012780943	275	4.31239E-05	0.000601445	293.4	3.76955E-05	0.00052736
256.8	0.0009462	0.013196561	275.2	4.90806E-05	0.000684522	293.6	4.1871E-05	0.000583971
257	0.0009719	0.013554996	275.4	4.81156E-05	0.000671064	293.8	4.81104E-05	0.000670991
257.2	0.0009968	0.013902274	275.6	4.01866E-05	0.000560478	294	4.61708E-05	0.00064394
257.4	0.0010162	0.014172844	275.8	3.53102E-05	0.000492468	294.2	3.93602E-05	0.000548953
257.6	0.0010234	0.014273262	276	3.91998E-05	0.000546715	294.4	3.73317E-05	0.000520662
257.8	0.0010205	0.014232816	276.2	4.69684E-05	0.000655064	294.6	3.90478E-05	0.000544595
258	0.0009956	0.013885538	276.4	5.00761E-05	0.000698407	294.8	4.3336E-05	0.000604403
258.2	0.0009504	0.013255138	276.6	5.24256E-05	0.000731175	295	4.40593E-05	0.000614491
258.4	0.0008922	0.012443428	276.8	5.02913E-05	0.000701408	295.2	3.81783E-05	0.000532469
258.6	0.0008263	0.011524327	277	4.47631E-05	0.000624306	295.4	3.64879E-05	0.000508893
258.8	0.0007508	0.010471336	277.2	4.6546E-05	0.000649173	295.6	3.92732E-05	0.00054774
259	0.0006687	0.009326295	277.4	4.62019E-05	0.000644373	295.8	4.19977E-05	0.000585738
259.2	0.0006049	0.008436482	277.6	4.45241E-05	0.000620973	296	4.91159E-05	0.000685014
259.4	0.0005482	0.007645693	277.8	3.7881E-05	0.000528323	296.2	4.70242E-05	0.000655841
259.6	0.0004966	0.006953926	278	3.55799E-05	0.00049623	296.4	3.79199E-05	0.000528865
259.8	0.0004527	0.006313764	278.2	3.92426E-05	0.000547312	296.6	3.51358E-05	0.000490035
260	0.0004085	0.00569731	278.4	3.30145E-05	0.00046045	296.8	3.60877E-05	0.000503312
260.2	0.0003644	0.005082252	278.6	2.79304E-05	0.000389543	297	3.4094E-05	0.000475506
260.4	0.0003319	0.004628977	278.8	3.18195E-05	0.000443783	297.2	3.4395E-05	0.000479704
260.6	0.0003091	0.004310988	279	3.20175E-05	0.000446545	297.4	3.20405E-05	0.00046865
260.8	0.0002883	0.004020892	279.2	3.40302E-05	0.000474615	297.6	3.38146E-05	0.000471609
261	0.0002627	0.003663852	279.4	4.083E-05	0.000569452	297.8	3.66024E-05	0.00051049
261.2	0.0002384	0.003324942	279.6	4.56283E-05	0.000636373	298	4.13715E-05	0.000577004
261.4	0.0002116	0.002951165	279.8	4.64338E-05	0.000647608	298.2	4.41567E-05	0.000615849
261.6	0.0001989	0.002774039	280	4.38128E-05	0.000611053	298.4	3.89198E-05	0.000542811
261.8	0.0001889	0.00263457	280.2	4.1574E-05	0.000601912	298.6	3.72151E-05	0.000519036
262	0.0001794	0.002502075	280.4	4.00135E-05	0.000558064	298.8	3.6881E-05	0.000514376
262.2	0.0001668	0.002326344	280.6	3.99694E-05	0.000557449	299	3.26671E-05	0.000458394
262.4	0.0001571	0.002191059	280.8	3.82772E-05	0.000533849	299.2	3.55186E-05	0.000495374
262.6	0.0001456	0.002030669	281	4.2917E-05	0.000598559	299.4	3.8613E-05	0.000538532
262.8	0.0001313	0.001831229	281.2	4.54713E-05	0.000634184	299.6	3.84927E-05	0.000536854
263	0.0001292	0.00180194	281.4	4.35321E-05	0.000607138	299.8	3.85013E-05	0.000536974
263.2	0.000128	0.001785204	281.6	3.81362E-05	0.000531883	300	3.87678E-05	0.00054069
263.4	0.00012248	0.00170822	281.8	3.37711E-05	0.000471003	300.2	3.90346E-05	0.000544412
263.6	0.000123193	0.001718166	282	3.55791E-05	0.000496218	300.4	4.0162E-05	0.000560136
263.8	0.000116204	0.001620692	282.2	3.83668E-05	0.000535098	300.6	4.01266E-05	0.000559642
264	0.000109258	0.00152381	282.4	4.27427E-05	0.000596128	300.8	3.89526E-05	0.000543269
264.2	0.000106351	0.001483273	282.6	4.90798E-05	0.000684511	301	4.59423E-05	0.000640753
264.4	9.74567E-05	0.001359219	282.8	4.8434E-05	0.000675504	301.2	4.74074E-05	0.000661186
264.6	9.06302E-05	0.001264011	283	4.17673E-05	0.000582525	301.4	4.2834E-05	0.000597402
264.8	9.29084E-05	0.001295785	283.2	3.45498E-05	0.000481863	301.6	3.7373E-05	0.000521237
265	9.06237E-05	0.001263919	283.4	4.09019E-05	0.000570455	301.8	3.55934E-05	0.000496417
265.2	9.00089E-05	0.001255346	283.6	4.25373E-05	0.000593263	302	3.92293E-05	0.000547127
265.4	8.65809E-05	0.001207535	283.8	3.44374E-05	0.000480295	302.2	3.78241E-05	0.00052753
265.6	8.02254E-05	0.001118896	284	3.59051E-05	0.000500764	302.4	3.66772E-05	0.000511533
265.8	7.87009E-05	0.001097633	284.2	4.44445E-05	0.000619863	302.6	3.83346E-05	0.000534649
266	8.12E-05	0.001132489	284.4	4.42475E-05	0.000617115	302.8	4.22083E-05	0.000588675
266.2	8.28441E-05	0.001155419	284.6	4.04679E-05	0.000564402	303	4.38674E-05	0.000611814
266.4	8.3041E-05	0.001158164	284.8	3.77978E-05	0.000527162	303.2	4.80743E-05	0.000670487
266.6	8.56778E-05	0.00119494	285	3.47052E-05	0.000484029	303.4	5.51489E-05	0.00069156
266.8	8.82808E-05	0.001231243	285.2	3.50969E-05	0.000489493	303.6	5.41968E-05	0.000755878
267	8.36704E-05	0.001166943	285.4	3.71576E-05	0.000518234	303.8	4.83149E-05	0.000673843
267.2	7.87201E-05	0.001097901	285.6	3.91194E-05	0.000545594	304	4.45927E-05	0.00062193
267.4	7.96687E-05	0.001111131	285.8	4.59419E-05	0.000640747	304.2	4.51304E-05	0.00062943
267.6	7.8039E-05	0.001088403	286	4.8157E-05	0.000671641	304.4	4.5508E-05	0.000634695
267.8	8.06204E-05	0.001124405	286.2	4.62751E-05	0.000645395	304.6	4.54272E-05	0.000633569
268	8.15363E-05	0.001137179	286.4	4.2702E-05	0.00059556	304.8	4.00867E-05	0.000559085
268.2	7.35887E-05	0.001026335	286.6	3.75111E-05	0.000523164	305	4.09633E-05	0.000571311
268.4	6.91884E-05	0.000964963	286.8	3.74156E-05	0.000521832	305.2	4.04728E-05	0.00056447
268.6	6.82216E-05	0.000951481	287	3.93755E-05	0.000549167	305.4	3.84883E-05	0.000536792
268.8	6.58793E-05	0.000918812	287.2	3.62597E-05	0.00050571	305.6	3.59833E-05	0.000501856
269	6.66247E-05	0.000929209	287.4	3.6916E-05	0.000514863	305.8	3.27869E-05	0.000457275
269.2	6.83397E-05	0.000953127	287.6	4.45317E-05	0.00062108	306	3.05696E-05	0.000426351
269.4	6.91201E-05	0.000964011	287.8	4.21281E-05	0.000587557	306.2	3.19106E-05	0.000445054
269.6	6.69663E-05	0.000933973	288	4.03506E-05	0.000562766	306.4	3.56715E-05	0.000497507
269.8	6.63158E-05	0.0009249	288.2	4.18209E-05	0.000583272	306.6	4.61896E-05	0.000644201
270	6.44523E-05	0.00089891	288.4	4.1413E-05	0.000577583	306.8	4.77299E-05	0.000656684
270.2	6.8704E-05	0.000958208	288.6	3.89424E-05	0.000543125	307	4.22544E-05	0.000589318
270.4	7.21829E-05	0.001006729	288.8	3.82437E-05	0.000533381	307.2	3.92539E-05	0.00054747
270.6	6.41056E-05	0.000894075	289	4.14376E-05	0.000577926	307.4	3.82008E-05	0.000532783
270.8	5.79616E-05	0.000808385	289.2	4.31576E-05	0.000601915	307.6	3.70178E-05	0.000516283
271	5.36355E-05	0.000748049	289.4	4.38878E-05	0.000612099	307.8	3.58864E-05	0.000500504
271.2	5.40576E-05	0.000753936	289.6	4.35797E-05	0.000607802	308	3.46746E-05	0.000483603
271.4	5.49083E-05	0.000768801	289.8	4.5212E-05	0.000630568	308.2	3.40404E-05	0.000474759
271.6	5.79602E-05	0.000808365	290	4.80263E-05	0.000669818	308.4	3.92466E-05	0.000547368
271.8	5.46883E-05	0.000762732	290.2	4.84833E-05	0.000676192	308.6	4.69958E-05	0.000655446
272	5.05201E-05	0.000704599	290.4	4.45977E-05	0.000622	308.8	4.41058E-05	0.00061514
272.2	4.81488E-05	0.000671527	290.6	3.89532E-05	0.000543277	309	4.20636E-05	0.000586657
272.4	4.80812E-05	0.000670583	290.8	4.07825E-05	0.000568789	309.2	4.06874E-05	0.000567464
272.6	5.32137E-05	0.000742167	291	3.65995E-05	0.000510449	309.4	3.93899E-05	0.000549367
272.8	5.33573E-05	0.000744169	291.2	4.22397E-05	0.000589113	309.6	3.9134E-05	0.000545799
273	4.90192E-05	0.000683666	291.4	4.71195E-05	0.000657172	309.8	3.58549E-05	0.000500064
273.2	4.5469E-05	0.000634151	291.6	4.87869E-05	0.000680426	310	3.68893E-05	0.000514491



Wavelength (nm)	Irradiance (W/m ² /nm)	Normalized SPD	Wavelength (nm)	Irradiance (W/m ² /nm)	Normalized SPD	Wavelength (nm)	Irradiance (W/m ² /nm)	Normalized SPD
310.2	3.8527E-05	0.000537332	328.6	1.21628E-05	0.000169633	347	0	0
310.4	3.57177E-05	0.000498151	328.8	9.62273E-06	0.000134207	347.2	0	0
310.6	3.21793E-05	0.000448802	329	1.04736E-05	0.000146074	347.4	0	0
310.8	3.15526E-05	0.000440061	329.2	1.29218E-05	0.000180219	347.6	0	0
311	3.24069E-05	0.000451975	329.4	1.52598E-05	0.000212827	347.8	0	0
311.2	3.35671E-05	0.000468157	329.6	1.36454E-05	0.000190311	348	0	0
311.4	3.47328E-05	0.000484414	329.8	1.00922E-05	0.000140755	348.2	0	0
311.6	3.30975E-05	0.000461608	330	1.11972E-05	0.000156167	348.4	0	0
311.8	3.34342E-05	0.000466304	330.2	1.44586E-05	0.000201653	348.6	0	0
312	3.5088E-05	0.000489369	330.4	1.38696E-05	0.000193437	348.8	0	0
312.2	3.26713E-05	0.000455663	330.6	9.91917E-06	0.000138342	349	0	0
312.4	2.97294E-05	0.000414633	330.8	9.27214E-06	0.000129318	349.2	4.85727E-09	6.77438E-08
312.6	2.82215E-05	0.000393602	331	1.01422E-05	0.000141452	349.4	3.65995E-08	5.1045E-07
312.8	2.90334E-05	0.000404926	331.2	1.26811E-05	0.000176863	349.6	8.3023E-08	1.15791E-06
313	3.46342E-05	0.00048304	331.4	1.3059E-05	0.000182133	349.8	1.45294E-07	2.0264E-06
313.2	3.1771E-05	0.000443107	331.6	1.07172E-05	0.000149472	350	3.0464E-07	4.24879E-06
313.4	3.13534E-05	0.000437283	331.8	9.66864E-06	0.000134848	350.2	6.63709E-07	9.25668E-06
313.6	3.79109E-05	0.00052874	332	7.6098E-06	0.000106133	350.4	1.04124E-06	1.4522E-05
313.8	3.70606E-05	0.00051688	332.2	7.11742E-06	9.92659E-05	350.6	1.17429E-06	1.63777E-05
314	3.34323E-05	0.000466278	332.4	5.94697E-06	8.29418E-05	350.8	1.30057E-06	1.81389E-05
314.2	3.30015E-05	0.000460268	332.6	7.1336E-06	9.94917E-05	351	1.2685E-06	1.76917E-05
314.4	3.20843E-05	0.000447477	332.8	9.62187E-06	0.000134195	351.2	3.72488E-07	5.19506E-06
314.6	3.07341E-05	0.000428645	333	5.96727E-06	8.3225E-05	351.4	1.0437E-06	1.45564E-05
314.8	3.47928E-05	0.000485252	333.2	2.32097E-06	3.23703E-05	351.6	2.31475E-06	3.22836E-05
315	3.90482E-05	0.000544601	333.4	4.02761E-06	5.61727E-05	351.8	2.90815E-06	4.05597E-05
315.2	3.82306E-05	0.000533198	333.6	3.93661E-06	5.49035E-05	352	4.32327E-06	6.02962E-05
315.4	3.47819E-05	0.0004851	333.8	3.53519E-06	4.93049E-05	352.2	5.81574E-06	8.11116E-05
315.6	3.38478E-05	0.000472072	334	3.26883E-06	4.559E-05	352.4	6.25144E-06	8.71882E-05
315.8	3.08929E-05	0.00043086	334.2	2.5949E-06	3.61908E-05	352.6	7.91133E-06	0.000110339
316	3.07281E-05	0.000428563	334.4	1.38553E-06	1.93239E-05	352.8	6.19414E-06	8.63891E-05
316.2	3.64237E-05	0.000507998	334.6	8.40241E-07	1.17188E-05	353	4.00478E-06	5.58543E-05
316.4	3.91779E-05	0.00054641	334.8	3.61259E-06	5.03845E-05	353.2	3.3562E-06	4.68086E-05
316.6	3.59556E-05	0.000501469	335	4.38718E-06	6.11876E-05	353.4	2.68763E-06	3.74841E-05
316.8	3.04581E-05	0.000424796	335.2	2.71353E-06	3.78453E-05	353.6	2.36826E-06	3.303E-05
317	2.90469E-05	0.000405114	335.4	8.04667E-07	1.12226E-05	353.8	2.46338E-06	3.43565E-05
317.2	2.85848E-05	0.000398669	335.6	1.66619E-06	2.32382E-05	354	9.48219E-07	1.32247E-05
317.4	3.12747E-05	0.000436186	335.8	1.53389E-06	2.1393E-05	354.2	-2.01892E-07	-2.81576E-06
317.6	3.20682E-05	0.000447252	336	1.95651E-08	2.72873E-07	354.4	-5.14712E-07	-7.17864E-06
317.8	3.37116E-05	0.000470172	336.2	1.47862E-07	2.06221E-06	354.6	-7.97228E-07	-1.11189E-05
318	3.22979E-05	0.000450456	336.4	1.69204E-07	2.35987E-06	354.8	-4.52134E-07	-6.30587E-06
318.2	2.99356E-05	0.000417508	336.6	1.8813E-07	2.62383E-06	355	6.63147E-08	-9.24885E-07
318.4	3.03838E-05	0.00042376	336.8	6.14941E-08	8.57652E-07	355.2	1.01848E-08	1.42047E-07
318.6	2.98461E-05	0.000416261	337	2.31783E-09	3.23266E-08	355.4	2.18914E-09	3.05317E-08
318.8	3.18021E-05	0.00044354	337.2	0	0	355.6	-1.63379E-09	-2.27864E-08
319	2.88172E-05	0.00040191	337.4	0	0	355.8	5.82203E-12	8.11993E-11
319.2	3.18214E-05	0.00044381	337.6	0	0	356	1.21461E-08	1.694E-07
319.4	3.41778E-05	0.000476674	337.8	0	0	356.2	1.29795E-07	1.81024E-06
319.6	3.78797E-05	0.000528305	338	0	0	356.4	3.2864E-07	4.58351E-06
319.8	3.6583E-05	0.000510219	338.2	0	0	356.6	3.93169E-07	5.48349E-06
320	3.13831E-05	0.000437698	338.4	0	0	356.8	1.03964E-06	1.44998E-05
320.2	3.4885E-05	0.000486538	338.6	0	0	357	1.09192E-06	1.52289E-05
320.4	3.58516E-05	0.000500019	338.8	0	0	357.2	2.44534E-06	3.4105E-05
320.6	3.21022E-05	0.000447726	339	0	0	357.4	4.24944E-06	5.92665E-05
320.8	3.13024E-05	0.000436571	339.2	0	0	357.6	2.83051E-06	3.94769E-05
321	3.1728E-05	0.000442435	339.4	0	0	357.8	2.56174E-06	3.57283E-05
321.2	3.05833E-05	0.000426543	339.6	0	0	358	3.17875E-06	4.43337E-05
321.4	3.01154E-05	0.000420017	339.8	0	0	358.2	7.52931E-06	0.000105011
321.6	2.9436E-05	0.000410541	340	0	0	358.4	7.43709E-06	0.000103724
321.8	2.46825E-05	0.000344244	340.2	0	0	358.6	2.84286E-06	3.96491E-05
322	2.14446E-05	0.000299085	340.4	0	0	358.8	1.6653E-06	2.32258E-05
322.2	2.42712E-05	0.000338508	340.6	0	0	359	6.63934E-06	9.25982E-05
322.4	2.5586E-05	0.000356845	340.8	0	0	359.2	-1.63027E-06	-2.27372E-05
322.6	2.65865E-05	0.000370799	341	0	0	359.4	8.72613E-07	1.21703E-05
322.8	2.51484E-05	0.000350742	341.2	0	0	359.6	6.21951E-06	8.67429E-05
323	2.61018E-05	0.000364039	341.4	0	0	359.8	0.0000471	0.000656899
323.2	2.48779E-05	0.00034697	341.6	0	0	360	0.0000436	0.000608085
323.4	2.33519E-05	0.000325686	341.8	0	0	360.2	6.02509E-06	8.40314E-05
323.6	2.78131E-05	0.000387906	342	0	0	360.4	9.68531E-07	1.3508E-05
323.8	2.88413E-05	0.000402247	342.2	0	0	360.6	1.35535E-07	1.89029E-06
324	2.33804E-05	0.000326084	342.4	0	0	360.8	2.77003E-06	3.86334E-05
324.2	1.97215E-05	0.000275054	342.6	0	0	361	4.84659E-06	6.7595E-05
324.4	1.97957E-05	0.000276088	342.8	0	0	361.2	4.7621E-06	6.64165E-05
324.6	2.14332E-05	0.000298926	343	0	0	361.4	6.24888E-06	8.71525E-05
324.8	2.10254E-05	0.00029324	343.2	0	0	361.6	1.01322E-05	0.000141312
325	1.81489E-05	0.000253121	343.4	0	0	361.8	6.08339E-06	8.45655E-05
325.2	1.55634E-05	0.000217061	343.6	0	0	362	1.85823E-06	2.59165E-05
325.4	1.45766E-05	0.000203298	343.8	0	0	362.2	1.04509E-06	1.45757E-05
325.6	1.56883E-05	0.000218804	344	0	0	362.4	1.52056E-06	2.12071E-05
325.8	1.63396E-05	0.000227887	344.2	0	0	362.6	2.42494E-06	3.38204E-05
326	1.68399E-05	0.000234864	344.4	0	0	362.8	5.02305E-07	7.00561E-06
326.2	1.62766E-05	0.000227008	344.6	0	0	363	1.27473E-06	1.77786E-05
326.4	1.59319E-05	0.000222201	344.8	0	0	363.2	8.44444E-07	1.17774E-05
326.6	1.56665E-05	0.000218499	345	0	0	363.4	2.04358E-07	2.85017E-06
326.8	1.36131E-05	0.00018986	345.2	0	0	363.6	5.56515E-08	7.76166E-07
327	1.62226E-05	0.000226255	345.4	0	0	363.8	1.16042E-08	1.61842E-07
327.2	1.69732E-05	0.000236723	345.6	0	0	364	0	0
327.4	1.78906E-05	0.000249519	345.8	0	0	364.2	0	0
327.6	1.625E-05	0.000228637	346	0	0	364.4	0	0
327.8	1.40914E-05	0.000196532	346.2	0	0	364.6	0	0
328	1.37939E-05	0.000192383	346.4	0	0	364.8	0	0
328.2	1.72878E-05	0.000241111	346.6	0	0	365	0	0
328.4	1.64851E-05	0.000229916	346.8	0	0	365.2	0	0

Wavelength (nm)	Irradiance (W/m ²)/nm	Normalized SPD
365.4	0	0
365.6	0	0
365.8	0	0
366	0	0
366.2	0	0
366.4	0	0
366.6	0	0
366.8	0	0
367	0	0
367.2	0	0
367.4	0	0
367.6	0	0
367.8	0	0
368	0	0
368.2	0	0
368.4	0	0
368.6	0	0
368.8	0	0
369	0	0
369.2	0	0
369.4	0	0
369.6	0	0
369.8	0	0
370	0	0
370.2	0	0
370.4	0	0
370.6	0	0
370.8	0	0
371	0	0
371.2	0	0
371.4	0	0
371.6	0	0
371.8	0	0
372	0	0
372.2	0	0
372.4	0	0
372.6	0	0
372.8	0	0
373	0	0
373.2	0	0
373.4	0	0
373.6	0	0
373.8	0	0
374	0	0
374.2	0	0
374.4	0	0
374.6	0	0
374.8	0	0
375	0	0
375.2	0	0
375.4	0	0
375.6	0	0
375.8	0	0
376	0	0
376.2	0	0
376.4	0	0
376.6	0	0
376.8	0	0
377	0	0
377.2	0	0
377.4	0	0
377.6	0	0
377.8	0	0
378	0	0
378.2	0	0
378.4	0	0
378.6	0	0
378.8	0	0
379	0	0
379.2	0	0
379.4	-2.69574E-11	-3.75973E-10
379.6	4.72434E-09	6.58899E-08
379.8	8.21465E-08	1.14569E-06
380	3.53208E-07	4.92615E-06