

Spectral data on the purple line: CIE_F02, E00, not normalized

i	λ_d	X_i	Y_i	Z_i	x_i	y_i	z_i	INP	IPN	
0	495	0.007	0.285	0.3105	0.0117	0.4728	0.5152	19	-1	
1	500	0.0024	0.3483	0.2376	0.0041	0.5918	0.4038	20	-1	
2	505	0.0036	0.4277	0.172	0.006	0.7087	0.285	21	-1	
3	510	0.0155	0.5204	0.1176	0.0238	0.796	0.1799	22	-1	
4	515	0.0431	0.6206	0.0828	0.0577	0.8311	0.1109	22	-1	
5	520	0.0796	0.718	0.0565	0.0932	0.8405	0.0661	24	-1	
6	525	0.1268	0.7946	0.0375	0.1322	0.8285	0.0391	24	-1	
7	530	0.1818	0.8575	0.0243	0.1708	0.806	0.0229	26	-1	
8	535	0.2405	0.9071	0.0156	0.2067	0.7797	0.0134	26	-1	
9	540	0.3098	0.9544	0.0098	0.2431	0.749	0.0077	28	-1	
10	545	0.3804	0.9814	0.0061	0.278	0.7173	0.0044	29	-1	
11	550	0.4494	0.989	0.0037	0.3115	0.6857	0.0026	29	-1	
12	555	0.528	0.9994	0.0023	0.3451	0.6532	0.0015	31	-1	
13	560	0.6133	0.9967	0.0014	0.3805	0.6184	0.0008	31	-1	
14	565	0.7016	0.9902	0.0008	0.4144	0.5849	0.0005	33	-1	
i	λ_d	X_{ci}	Y_{ci}	Z_{ci}	x_{ci}	y_{ci}	z_{ci}	TNX	XIE1	XIE2
60	700	0.0109	0.0041	0.0	0.7185	0.2748	0.0	not normalized		
1	495c	0.0113	0.0041	0.0035	0.593	0.2167	0.1849	-0.0001	0.9677	0.9687
2	500c	0.0116	0.004	0.0065	0.5203	0.183	0.292	0.0	0.9404	0.9414
3	505c	0.0118	0.004	0.0088	0.4766	0.1627	0.3566	-0.0009	0.9189	0.9199
4	510c	0.012	0.004	0.0103	0.4531	0.1518	0.3912	0.0005	0.9042	0.9052
5	515c	0.0121	0.004	0.0116	0.4352	0.1435	0.4176	-0.0006	0.8935	0.8945
6	520c	0.0122	0.0039	0.0125	0.4242	0.1384	0.4338	0.0005	0.8847	0.8857
7	525c	0.0123	0.0039	0.0133	0.4138	0.1336	0.449	0.0013	0.8769	0.8779
8	530c	0.0124	0.0039	0.0144	0.4018	0.1281	0.4667	-0.0002	0.8681	0.8691
9	535c	0.0125	0.0039	0.0155	0.3907	0.1229	0.4832	-0.0007	0.8583	0.8593
10	540c	0.0126	0.0039	0.0168	0.3783	0.1172	0.5014	-0.0004	0.8466	0.8476
11	545c	0.0128	0.0039	0.0185	0.3634	0.1102	0.5234	-0.0008	0.831	0.832
12	550c	0.013	0.0038	0.0206	0.3467	0.1025	0.5479	0.0005	0.8105	0.8115
13	555c	0.0134	0.0038	0.0242	0.3227	0.0914	0.5833	-0.0008	0.7783	0.7792
14	560c	0.014	0.0037	0.0307	0.2899	0.0762	0.6317	0.0	0.7197	0.7207
15	565c	0.0155	0.0034	0.0448	0.2429	0.0544	0.701	0.0	0.5898	0.5908
0	400	0.0221	0.0024	0.1096	0.1648	0.0812	0.8161	not normalized		
Tristimulus values of reference illuminant										
380	780	22.616	22.609	22.651	0.3332	0.333	0.3337	not normalized		
380	780	100.033	100.0	100.187	0.3332	0.333	0.3337	normalized, $Y_w=100$		

Spectral data on the purple line: $\lambda_d=700nm$ to 400nm, not normalized

0.0109	0.0113	0.0116	0.0118	0.012	0.0121	0.0122	0.0123	0.0124
0.0125	0.0126	0.0128	0.013	0.0134	0.014	0.0155	0.0221	
0.0041	0.0041	0.0044	0.0044	0.0044	0.0039	0.0039	0.0039	
0.0039	0.0039	0.0039	0.0038	0.0038	0.0037	0.0034	0.0024	
0.0	0.0035	0.0065	0.0088	0.0103	0.0116	0.0125	0.0133	0.0144
0.0155	0.0168	0.0185	0.0206	0.0242	0.0307	0.0448	0.1096	

Spectral data on the purple line: CIE_F02, E00, normalized, $Y_w=100$

i	λ_d	X_{ni}	Y_{ni}	Z_{ni}	x_{ni}	y_{ni}	z_{ni}	INP	IPN	
0	495	0.0313	1.2608	1.7377	0.0117	0.4729	0.5152	19	-1	
1	500	0.0108	1.5407	1.0512	0.0041	0.5919	0.4038	20	-1	
2	505	0.0161	1.8919	0.7607	0.006	0.7088	0.285	21	-1	
3	510	0.0688	2.3021	0.5204	0.0238	0.7961	0.18	22	-1	
4	515	0.1908	2.745	0.3663	0.0577	0.8312	0.1109	23	-1	
5	520	0.3521	3.176	0.2499	0.0932	0.8406	0.0661	24	-1	
6	525	0.561	3.5146	0.1659	0.1322	0.8285	0.0391	25	-1	
7	530	0.8041	3.793	0.1078	0.1709	0.8061	0.0229	25	-1	
8	535	1.0637	4.0122	0.0692	0.2067	0.7797	0.0134	27	-1	
9	540	1.3702	4.2215	0.0435	0.2431	0.7491	0.0077	28	-1	
10	545	1.6826	4.3407	0.0271	0.278	0.7174	0.0044	28	-1	
11	550	1.9877	4.3744	0.0167	0.3116	0.6857	0.0026	29	-1	
12	555	2.3354	4.4205	0.0102	0.3451	0.6533	0.0015	30	-1	
13	560	2.7129	4.4086	0.0063	0.3806	0.6184	0.0008	31	-1	
14	565	3.1034	4.3798	0.0039	0.4144	0.5849	0.0005	33	-1	
i	λ_d	X_{ci}	Y_{ci}	Z_{ci}	x_{ci}	y_{ci}	z_{ci}	TNX	XIE1	XIE2
60	700	0.0485	0.0185	0.0	0.7222	0.2762	0.0	normalized, $Y_w=100$		
1	495c	0.0501	0.0183	0.0156	0.5954	0.2176	0.1856	-0.0037	0.9677	0.9687
2	500c	0.0514	0.018	0.0288	0.5222	0.1836	0.293	-0.0005	0.9404	0.9414
3	505c	0.0525	0.0179	0.0392	0.478	0.1632	0.3577	-0.0177	0.9189	0.9199
4	510c	0.0531	0.0178	0.0459	0.4544	0.1523	0.3923	0.0103	0.9042	0.9052
5	515c	0.0537	0.0177	0.0516	0.4364	0.1439	0.4188	-0.0127	0.8935	0.8945
6	520c	0.0541	0.0176	0.0553	0.4253	0.1388	0.435	0.0112	0.8847	0.8857
7	525c	0.0545	0.0176	0.0591	0.4149	0.134	0.4502	0.0264	0.8769	0.8779
8	530c	0.055	0.0175	0.0639	0.4028	0.1284	0.4679	-0.004	0.8681	0.8691
9	535c	0.0555	0.0174	0.0686	0.3916	0.1232	0.4843	-0.0139	0.8583	0.8593
10	540c	0.056	0.0173	0.0743	0.3792	0.1174	0.5025	-0.008	0.8466	0.8476
11	545c	0.0568	0.0172	0.0819	0.3642	0.1105	0.5246	-0.0161	0.831	0.832
12	550c	0.0578	0.0171	0.0913	0.3475	0.1027	0.5491	0.0106	0.8105	0.8115
13	555c	0.0594	0.0168	0.1074	0.3233	0.0916	0.5844	-0.0167	0.7783	0.7792
14	560c	0.0623	0.0163	0.1358	0.2904	0.0763	0.6327	-0.0003	0.7197	0.7207
15	565c	0.0687	0.0154	0.1983	0.2432	0.0545	0.7019	0.0006	0.5898	0.5908
0	400	0.0979	0.0108	0.4847	0.1649	0.0182	0.8165	normalized, $Y_w=100$		
Tristimulus values of reference illuminant										
380	780	22.616	22.609	22.651	0.3332	0.333	0.3337	not normalized		
380	780	100.033	100.0	100.187	0.3332	0.333	0.3337	normalized, $Y_w=100$		

Spectral data on the purple line: $\lambda_d=700nm$ to 400nm, normalized, $Y_w=100$

0.0485	0.0501	0.0514	0.0525	0.0531	0.0537	0.0541	0.0545	0.055
0.0555	0.056	0.0568	0.0578	0.0594	0.0623	0.0687	0.0979	
0.0185	0.0183	0.018	0.0179	0.0178	0.0177	0.0176	0.0176	0.0175
0.0174	0.0173	0.0172	0.0171	0.0168	0.0163	0.0153	0.0108	
0.0	0.0156	0.0288	0.0392	0.0459	0.0516	0.0554	0.0591	0.0639
0.0686	0.0743	0.0819	0.0913	0.1074	0.1358	0.1983	0.4847	

TUB-test chart CE82; CIE_F02 tristimulus values and chromaticities, E00

Spectral tristimulus values and chromaticities for wavelength 495 to 565nm and purple colours