

Star	p	b	λ_{peak} (Å)	d (pc)	L(Lsun)	T (K)	R (Rsun)	Spectral	Evolutionary
								Class	Class
Sun	N/A	1.37E+03	5000	4.85E-06	1.0	5800	1.0	G	main sequence
<u>Summer Stars</u>									
Vega	0.130	2.88E-08	3000	7.69	53	9633	2.6	A	main sequence
Deneb	0.001	9.9E-09	3400	1000.00	307444	8500	258.2	A	supergiant
Altair	0.194	1.3E-08	3800	5.15	10.7	7605	1.9	A	main sequence
Albireo A	0.008	2.2E-10	7100	125.00	107	4070	21.0	K	giant
Albireo B	0.008	1.5E-08	1500	125.00	7278	19267	7.7	B	main sequence
<u>Autumn Stars</u>									
Fomalhaut	0.130	8.6E-09	3400	7.69	16	8500	1.9	A	main sequence
Aldebaran	0.054	3.3E-08	7300	18.52	351	3959	40.2	K	giant
Alpheratz	0.033	7.0E-09	2200	30.30	200	13136	2.8	B	main sequence
Eps. Eridani	0.311	8.5E-10	5700	3.22	0.27	5070	0.7	K	main sequence
Capella A	0.078	1.5E-08	5300	12.82	77	5453	9.9	G	giant
Capella B	0.078	1.0E-08	5300	12.82	51	5453	8.1	G	giant
<u>Winter Stars</u>									
Rigel	0.004	3.7E-08	2600	250.00	72203	11115	73.2	B	supergiant
Betelgeuse	0.008	1.1E-07	9400	125.00	54346	3074	829.7	M	supergiant
Procyon A	0.290	1.9E-08	4460	3.45	6.9	6480	2.1	F	main sequence
Procyon B	0.290	1.5E-12	3300	3.45	5.4E-04	8758	1.0E-02		white dwarf
Sirius A	0.379	1.1E-07	3100	2.64	23	9323	1.8	A	main sequence
Sirius B	0.379	3.6E-11	1080	2.64	7.8E-03	26759	4.2E-03		white dwarf
Meissa	0.003	2.3E-08	800	333.33	79018	36125	7.2	O	main sequence
Castor C-a	0.064	6.5E-12	8840	15.63	4.9E-02	3269	0.70	M	main sequence
<u>Spring Stars</u>									
Barnard's Star	0.549	9.6E-12	9100	1.82	1.E-03	3176	0.10	M	main sequence
Antares	0.005	3.7E-08	8500	200.00	45961	3400	623.9	M	supergiant
Arcturus	0.088	5.3E-08	6800	11.36	213	4250	27.2	K	giant
Spica A	0.013	6.6E-08	1300	76.92	12128	22231	7.5	B	main sequence
Regulus	0.043	1.4E-08	2400	23.26	235	12042	3.6	B	main sequence
<u>Northern Stars</u>									
Polaris	0.008	4.1E-09	4800	125.00	1989	6021	41.4	F	supergiant
Mizar A	0.042	1.7E-09	3200	23.81	30	9031	2.3	A	main sequence
Alcor	0.040	6.2E-10	3600	25.00	12.0	8028	1.8	A	main sequence
Mu Cephei	0.001	1.1E-08	8500	1000.00	341604	3400	1700.8	M	supergiant
Algol	0.036	8.1E-09	2400	27.78	194	12042	3.2	B	main sequence
<u>Southern Stars</u>									
Proxima Cen.	0.772	3.5E-11	9400	1.30	1.8E-03	3074	0.2	M	main sequence
Alpha Cen. A	0.742	2.6E-08	5000	1.35	1.5	5780	1.2	G	main sequence
Alpha Cen. B	0.742	8.9E-09	5500	1.35	0.50	5255	0.86	G	main sequence
Canopus	0.010	4.8E-08	3700	100.00	14751	7811	67.0	A	supergiant
Achernar	0.023	5.7E-08	1900	43.48	3346	15211	8.4	B	main sequence
Acrux B	0.010	5.0E-08	1100	100.00	15527	26273	6.1	B	main sequence

Temperature-Luminosity Diagram

