

Table 3. Effective temperatures, bolometric corrections and luminosities as function of spectral type/color.
a) Luminosity class V (main sequence)

Sp	$\log T_{\text{eff}}$	T_{eff} [K]	CI_0	M_V	B.C.	M_{bol}	L/L_{\odot}
$(U-B)_0$							
O3	4.720	52500	-1 ^m 22	- 6 ^M 0	-4 ^m 75	-10 ^M 7	$1.4 \cdot 10^6$
4	4.680	48000	-1.20	- 5.9	-4.45	-10.3	$9.9 \cdot 10^5$
5	4.648	44500	-1.19	- 5.7	-4.40	-10.1	$7.9 \cdot 10^5$
6	4.613	41000	-1.17	- 5.5	-3.93	- 9.4	$4.2 \cdot 10^5$
7	4.580	38000	-1.15	- 5.2	-3.68	- 8.9	$2.6 \cdot 10^5$
8	4.555	35800	-1.14	- 4.9	-3.54	- 8.4	$1.7 \cdot 10^5$
9	4.518	33000	-1.12	- 4.5	-3.33	- 7.8	$9.7 \cdot 10^4$
B0	4.486	30000	-1.08	- 4.0	-3.16	- 7.1	$5.2 \cdot 10^4$
1	4.405	25400	-0.95	- 3.2	-2.70	- 5.9	$1.6 \cdot 10^4$
2	4.342	22000	-0.84	- 2.4	-2.35	- 4.7	$5.7 \cdot 10^3$
3	4.271	18700	-0.71	- 1.6	-1.94	- 3.5	$1.9 \cdot 10^3$
5	4.188	15400	-0.58	- 1.2	-1.46	- 2.7	$8.3 \cdot 10^2$
6	4.146	14000	-0.50	- 0.9	-1.21	- 2.1	500
7	4.115	13000	-0.43	- 0.6	-1.02	- 1.6	320
8	4.077	11900	-0.34	- 0.2	-0.80	- 1.0	180
9	4.022	10500	-0.20	+ 0.2	-0.51	- 0.3	95
$(B-V)_0$							
A0	3.978	9520	-0.02	+ 0.6	-0.30	+ 0.3	54
1	3.965	9230	+0.01	+ 1.0	-0.23	+ 0.8	35
2	3.953	8970	+0.05	+ 1.3	-0.20	+ 1.1	26
3	3.940	8720	+0.08	+ 1.5	-0.17	+ 1.3	21
5	3.914	8200	+0.15	+ 1.9	-0.15	+ 1.7	14
7	3.895	7850	+0.20	+ 2.2	-0.12	+ 2.1	10.5
8	3.880	7580	+0.25	+ 2.4	-0.10	+ 2.3	8.6
F0	3.857	7200	+0.30	+ 2.7	-0.09	+ 2.6	6.5
2	3.838	6890	+0.35	+ 3.6	-0.11	+ 3.5	2.9
5	3.809	6440	+0.44	+ 3.5	-0.14	+ 3.4	3.2
8	3.792	6200	+0.52	+ 4.0	-0.16	+ 3.8	2.1
G0	3.780	6030	+0.58	+ 4.4	-0.18	+ 4.2	1.5
2	3.768	5860	+0.63	+ 4.7	-0.20	+ 4.5	1.1
5	3.760	5770	+0.68	+ 5.1	-0.21	+ 4.9	0.79
8	3.746	5570	+0.74	+ 5.5	-0.40	+ 5.1	0.66
K0	3.720	5250	+0.81	+ 5.9	-0.31	+ 5.6	0.42
1	3.706	5080	+0.86	+ 6.1	-0.37	+ 5.7	0.37
2	3.690	4900	+0.91	+ 6.4	-0.42	+ 6.0	0.29
3	3.675	4730	+0.96	+ 6.6	-0.50	+ 6.1	0.26
4	3.662	4590	+1.05	+ 7.0	-0.55	+ 6.4	0.19
5	3.638	4350	+1.15	+ 7.4	-0.72	+ 6.7	0.15
7	3.609	4060	+1.33	+ 8.1	-1.01	+ 7.1	0.10
$(R-I)_0$							
M0	3.585	3850	+0.92	+ 8.8	-1.38	+ 7.4	$7.7 \cdot 10^{-2}$
1	3.570	3720	+1.03	+ 9.3	-1.62	+ 7.7	$6.1 \cdot 10^{-2}$
2	3.554	3580	+1.17	+ 9.9	-1.89	+ 8.0	$4.5 \cdot 10^{-2}$
3	3.540	3470	+1.30	+10.4	-2.15	+ 8.2	$3.6 \cdot 10^{-2}$
4	3.528	3370	+1.43	+11.3	-2.38	+ 8.9	$1.9 \cdot 10^{-2}$
5	3.510	3240	+1.61	+12.3	-2.73	+ 9.6	$1.1 \cdot 10^{-2}$
6	3.485	3050	+1.93	+13.5	-3.21	+10.3	$5.3 \cdot 10^{-3}$
7	3.468	2940	+2.1	+14.3	-3.46	+10.8	$3.4 \cdot 10^{-3}$
8	3.422	2640	+2.4	+16.0	-4.1	+11.9	$1.2 \cdot 10^{-3}$

Schmidt-Kaler

Figura 1: Parámetros típicos para estrellas de *secuencia principal*, de Schmidt-Kaler (1982)