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## Appendix E | Properties of main sequence stars

Spectral type	$M_V$	$B-V$	$T$ (K)	$M_{\text{BOL}}$	$M/M_{\odot}$	$R/R_{\odot}$	$L/L_{\odot}$
O5	-6	-0.45	35 000	-10.6	39.8	17.8	$3.2 \times 10^5$
B0	-3.7	-0.31	21 000	-6.7	17.0	7.6	$1.3 \times 10^4$
B5	-0.9	-0.17	13 500	-2.5	7.1	4.0	$6.3 \times 10^2$
A0	+0.7	0.0	9 700	0.0	3.6	2.6	$7.9 \times 10^1$
A5	+2.0	+0.16	8 100	+1.7	2.2	1.8	$2.0 \times 10^1$
F0	+2.8	+0.30	7 200	+2.7	1.8	1.4	6.3
F5	+3.8	+0.45	6 500	+3.8	1.4	1.2	2.5
G0	+4.6	+0.57	6 000	+4.6	1.1	1.05	1.3
G5	+5.2	0.70	5 400	+5.1	0.9	0.93	$7.9 \times 10^{-1}$
K0	+6.0	+0.54	4 700	+5.8	0.8	0.85	$4.0 \times 10^{-1}$
K5	+7.4	+1.11	4 000	+6.8	0.7	0.74	$1.6 \times 10^{-1}$
M0	+8.9	+1.39	3 300	+7.6	0.5	0.63	$6.3 \times 10^{-2}$
M5	+12.0	+1.61	2 600	+9.8	0.2	0.32	$7.9 \times 10^{-3}$