

### BASIC STELLAR DATA

Type	Mass	Lifetimes		$M_V$	$L/L_\odot$	$T_e$	B-V	U-B
	$M_\odot$	MS	RG/SG			1000°K		
O3	~120	$1.0 \times 10^6$		-6.0	$1.4 \times 10^6$	53	-0.37	
O5	~60	$3.0 \times 10^6$		-5.7	$7.9 \times 10^5$	42	-0.33	-1.19
O9				-4.5		34	-0.31	-1.12
B0	18	$9.8 \times 10^6$		-4.0	$5.2 \times 10^4$	30	-0.30	-1.08
B5	6	$5.85 \times 10^7$		-1.2	$8.3 \times 10^2$	15.5	-0.17	-0.58
A0	3	$3.65 \times 10^8$		0.65	54	9.5	-0.02	-0.02
A5	2	$8.5 \times 10^8$		1.95	14	8.2	0.15	0.10
F0	1.6	$2.1 \times 10^9$		2.7	6.5	7.2	0.30	0.03
F5	1.3	$3.9 \times 10^9$		3.5	3.2	6.4	0.44	-0.02
G0	1.1	$6.8 \times 10^9$		4.4	1.5	6.0	0.58	0.06
G5	0.92	$1.23 \times 10^{10}$		5.1	0.79	5.8	0.68	0.20
K0	0.79	$2.15 \times 10^{10}$		5.9	0.42	5.25	0.81	0.45
K5	0.67	$2.8 \times 10^{10}$		7.4	0.15	4.35	1.15	1.08
M0	0.51	$8.0 \times 10^{10}$		8.8	0.077	3.85	1.40	1.22
M5	0.21	$\sim 3 \times 10^{12}$		12.3	0.011	3.17	1.64	1.24
M8	0.06			16.	0.0012	2.64	1.80	
M9	0.05	$10^{14+}$				2.5		

Types are types when star is on the Main Sequence, as are  $M_V$ , L and  $T_e$ . Lifetimes are in years.

Data from Allen's Astrophysical Quantities, 1999, A. Cox, editor, and Astrophysical Data, 1991, K. Lang.