

Star Data

STAR	DISTANCE (ly)	Luminosity	m	Type*	CLASS
Sun	8 ½ lm	1 L _o	-26	*	G2
Albireo	385	700	3.1	*	K3 II & B9.5 V
Aldebaran	65	210	0.85	Red Giant	K5 III
Alpha Centauri	4.3	2	0	*	G2 V Rigil Kentaurus, triple
Altair	17	14	0.77	*	A7 Vnn
Antares	604	20,900	0.9	Red Super Giant	M1.5 Iab
Arcturus	37	175	0	Red Giant	K1.5 III
Barnard's Star	9.54	1/1,900	9.5	*	M5 V
Betelgeuse	522	10,000	0.5	Red Super Giant	M2 Iab "Armpit of the Giant"
Big Dipper	50 -100		2	*	
Capella	42	210	0.08	Yellow Giant	G6 III double
Castor	52	100	1.9	*	A=triple, B=triple
Deneb	1467	100,000	1.25	Blue Giant	A2 Ia
Mizar	78	76	2.3	*	A1 Va A=double, B=triple
(Alcor)	78	16	4.0	*	A5 Vdouble
Polaris	431	4,400	2.0	Yellow Giant	F5-8 Ib double
Pollux	34	36	1.14	Red Giant	K0 IIIb
Regulus	77	175	1.35	*	B7 Vn
Rigel	773	43,700	0.12	Blue Giant	B8 Ia triple
Sirius	8.6	25	-1.44	*	A1 Vm wd comp.
Spica	78	2,750	1.0	*	B1 V
Vega	25	49	0	*	A0 Va
Wolf 359	7.8	1/42,500	13.5	(Red dwarf)	M6.5 Ve

* If no type is given, the star is a normal 'Main Sequence' star.

Stellar Luminosity = L

$$L = \sigma A T^4$$