

## Star Data

STAR	DISTANCE (ly)	Luminosity	m	Type
Sun	8 ½ lm	1 L <sub>o</sub>	-26	*
Albireo	385	700	3.1	*
Aldebaran	65	210	0.85	Red Giant
Alpha Centauri	4.3	2	0	*
Altair	17	14	0.77	*
Antares	604	20,900	0.9	Red Super Giant
Arcturus	37	175	0	Red Giant
Barnard's Star	9.54	1/1,900	9.5	*
Betelgeuse	522	10,000	0.5	Red Super Giant
Big Dipper	80	50 -100	2	*
Capella	42	210	0.08	Yellow Giant
Castor	52	100	1.9	*
Deneb	1467	100,000	1.25	Blue Giant
Mizar	78	76	2.3	*
(Alcor)	78	16	4.0	*
Polaris	431	4,400	2.0	Yellow Giant
Pollux	34	36	1.14	Red Giant
Regulus	77	175	1.35	*
Rigel	773	43,700	0.12	Blue Giant
Sirius	8.6	25	-1.44	*
Spica	78	2,750	1.0	*
Vega	25	49	0	*
Wolf 359	7.8	1/42,500	13.5	(Red dwarf)

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

**Stellar Luminosity = L**

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