

Near By Stars (BYA)

<u>Name</u>	<u>L_{\odot}</u>	<u>d</u>	<u>m</u>
Sun	1	8.6 lm	-26
Proxima Cen	1/20,000	4.2 ly	15 ½
α Cen A	1.6	4.4	0
α Cen B	½	4.4	1.4
Barnard's Star	1/2,000	5.9	9 ½
Wolf 359	1/50,000	7.8	13 ½
BD+36°15693	1/200	8.3	7 ½
Sirius A	23	8.6	-1.5
Sirius B	1/400	8.6	8 ½
L726-8 A	1/17,000	8.7	12 ½
L726-8 B	1/24,000	8.7	13
Ross 154	1/2,000	9.7	10 ½
Ross 248	1/9,000	10	12
ϵ Eri	1/3	10.5	3 ½

$$L = (100)^{\Delta M/5}$$

fwk
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