

Brightness of Stars Notes

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Luminosity - the true brightness of a star
(ie the amount of power output) (Watts)

Apparent magnitude - the brightness we see (how
bright it appears to be)

Sun = -26.8 moon = -12.6 stars 1, ... 6, ... fainter
brightest

Absolute magnitude - the apparent magnitude a
star would have if it were put at a
distance of 32.6 ly (10 parsecs) away.

→ the sun would be faintish at a 4.8