

Temperature (Kelvin)

30,000

10,000

5000

3000

-10

-5

0

+5

+10

+15

10,000

100

1.0

0.01

Luminosity
(Sun = 1)

O

B

A

F

G

K

M

Spectral Class

5

9

1

7

2

10

8

6

4

3

Absolute
Magnitude