

Orion's Principle Celestial Objects

Betelgeuse

Right Ascension: 05h 55m 10.30536s
Declination: +07° 24' 25.4304"
Magnitude: 0.45
Distance from Earth: 427 ly
Luminosity: 90,000-150,000 L_{\odot}
Temperature: 3590 K

Alnilam

Right Ascension: 05h 36m 12.8s
Declination: -01° 12' 06.9"
Magnitude: 1.69
Distance from Earth: 1,350 ly
Luminosity: 832,000 L_{\odot}
Temperature: 27,000 K

Alnitak (star system)

Right Ascension: 05h 40m 45.52666s
Declination: -01° 56' 34.2649"
Magnitude: 1.82
Distance from Earth: 815 ly

Saiph

Right Ascension: 05h 47m 45.38884s
Declination: -09° 40' 10.5777"
Magnitude: 2.07
Distance from Earth: 720 ly
Luminosity: 56,881 L_{\odot}
Temperature: 26,500K

Meissa (A)

Right Ascension: 05h 35m 08.27761s
Declination: +09° 56' 02.9611"
Magnitude: 3.33
Distance from Earth: 1,100 ly
Luminosity: 165,000 L_{\odot}
Temperature: 37,689 K

Bellatrix

Right Ascension: 05h 25m 07.86325s
Declination: +06° 20' 58.9318"
Magnitude: 1.64
Distance from Earth: 243 ly
Luminosity: 9,211 L_{\odot}
Temperature: 22,000 K

Mintaka (star system)

* Information based on δ Ori Aa1*

Right Ascension: 05h 32m 00.40009s
Declination: -00° 17' 56.7424"
Magnitude: 2.41
Distance from Earth: 916 ly
Luminosity: 190,000 L_{\odot}
Temperature: 29,500 K

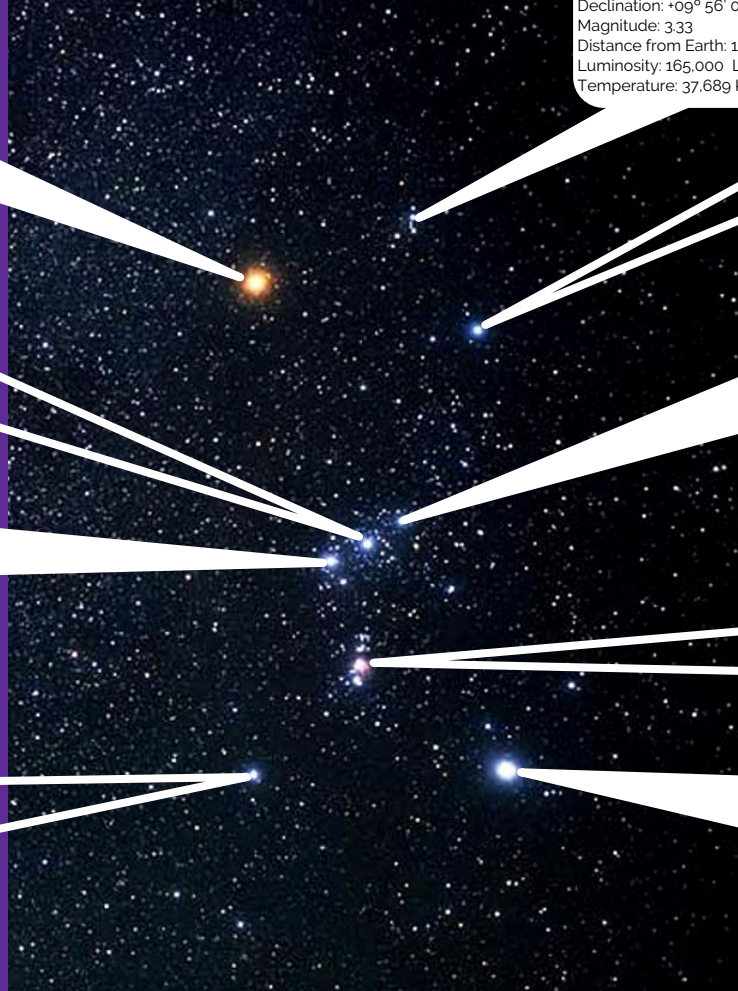
The Orion Nebula (M42)

Right Ascension: 05h 35m 17.3s
Declination: -05° 23' 28"
Magnitude: 4.0
Distance from Earth: 1,344 ly

Rigel

* Information based on Rigel A*

Right Ascension: 05h 14m 32.27210s
Declination: -08° 12' 05.8981"
Magnitude: 0.18
Distance from Earth: 773 ly
Luminosity: $1.20 \times 10^5 L_{\odot}$
Temperature: 12,100 K



References

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