

beta Cru, FK5: 481, SAO 240259, HR 4853, HD 111123

Cru
Crux

Position, Motion, Parallax

Right ascension (J2000):	12h 47m 43.2s
Declination (J2000):	-59° 41' 19"
Right ascension (2008.70):	12h 48m 11.7s
Declination (2008.70):	-59° 44' 11"
Proper motion in RA:	-0.048"/a
Proper motion in DEC:	-0.014"/a
Trigonometric parallax:	
Radial velocity:	16 km/s
Rotational velocity:	38 km/s
Galactic longitude:	302.46°
Galactic latitude:	3.18°

Notes

D: Interferometer measures indicate close double or multiple star. Component B, 11.4v, F8V, optical; C, 7.5v, B8.

G: Probable member of Sco-Cen cluster; member of Sco-Cen assoc.; member of Pleiades group.

N: Becrux; MIMOSA.

R: Diam. = 0.000702 - 0.000722".

SB: 0.1604d, and 7 - 8y.

VAR: Beta C 1.23 - 1.31V, multiple periods, 0.2365072d, 0.160474d, 0.121383d, 6d, 7 - 8y and others.

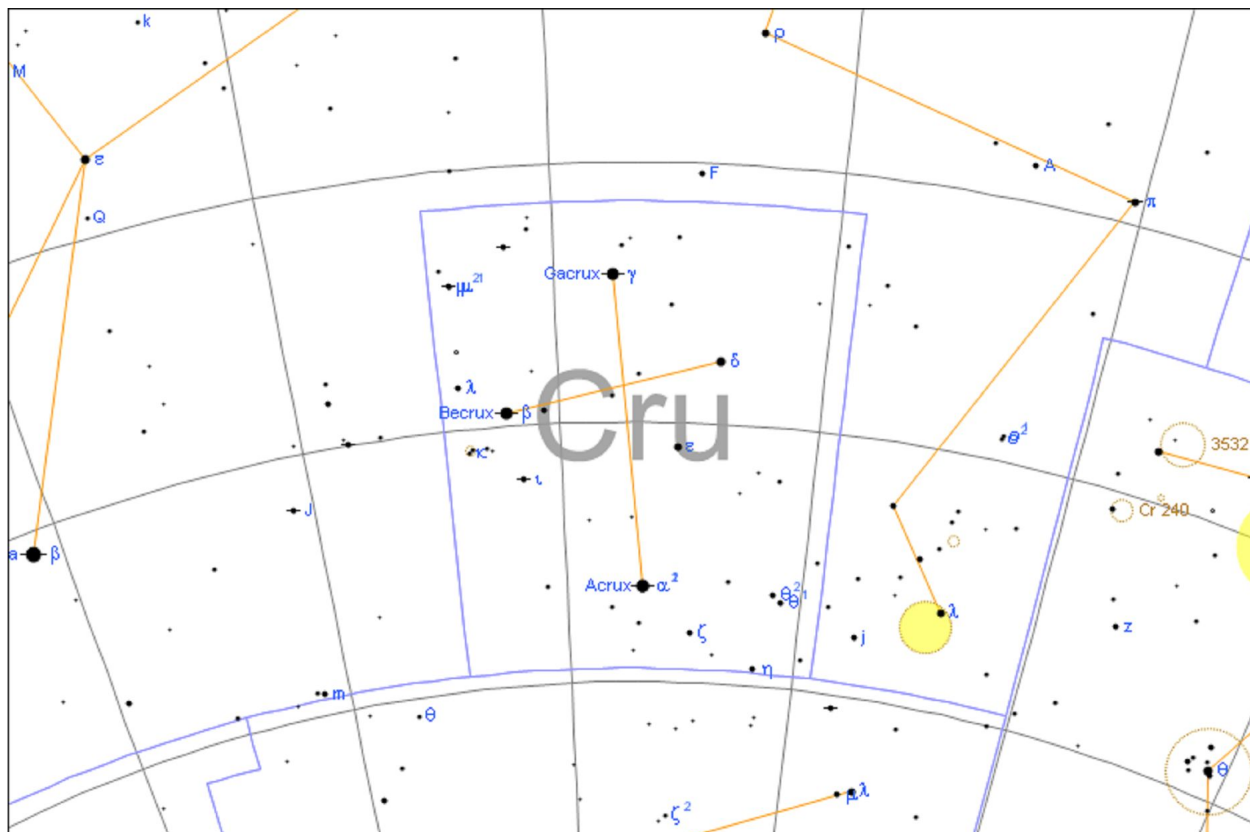
Abbreviations: C - Colors; D - Double and multiple stars; DYN - Dynamical parallaxes; G - Group membership; M - Miscellaneous; N - Star names; P - Polarization; R - Stellar radii or diameters; RV - Radial and/or rotational velocities; S - Spectra; SB - Spectroscopic binaries; VAR - Variability

Magnitude, Spectra

Visual magnitude:	1.25
Spectral class:	B0.5III
B-V:	-0.23
U-B:	-1.00
R-I:	-0.26

Double / Multiple Information

Components:	3
Component ID:	AC
Mag. difference:	6
Separation:	371.60"



Data from the Bright Star Catalogue, 5th Revised Ed. (Preliminary Version) (Hoffleit+, 1991)