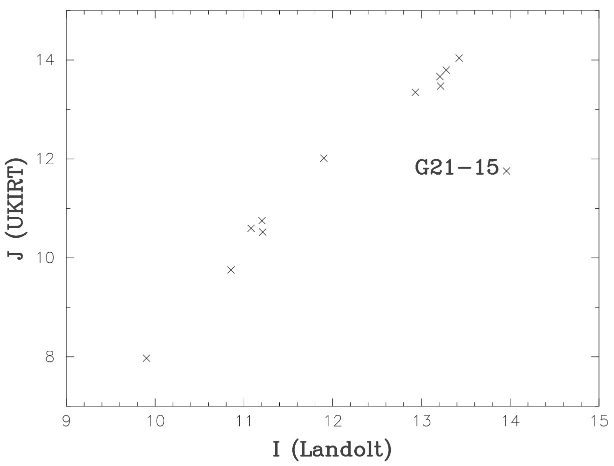
Infrared Standard Star lists available at the ING

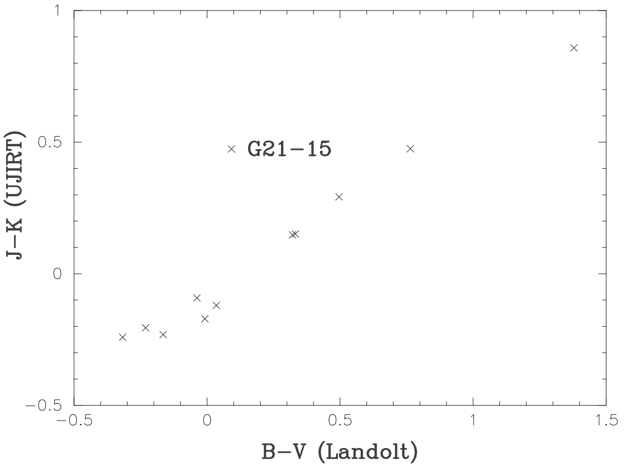
This note provides a brief description of the two sets of **UKIRT** *infrared standard stars available for use with the Isaac Newton Group telescopes at the Roque de Los Muchachos Observatory on the island of La Palma. Lists of the tables of standards are also given. This version refers to CMS generation 3 of SYSTEM.CAT for the Alpha TCS*

Star Positions : All star positions given in these tables are accurate to 1 arcsecond. The positions have been selected from the Hipparcos catalogue, the Carlsberg Meridian catalogue, the FK5, PPM or measured from Palomar Sky survey plates. They are available from the system catalogue by typing the name given in the Ing Name column. This name is formed, as in previous ING technical notes, according to the IAU standard, using the 1950 coordinates of the star.

Previous Tables : The original list, which provided the magnitudes, had some errors in the positions. It was stated that the positions were all 1950.0, but three of the stars had positions for 2000.0. These were BS 1637, BS 1869, BS 2228. BS 4689 had a negative sign omitted from the declination.

FS35/G21-15 : I believe this star is not the Giclas star 21-15, but a star about 40 arcseconds south. The position given in this technical note, which agrees with the other sources, is for the southern star. Two diagrams are given showing comparisons of the colour and magnitude from the Landolt publication with those of the UKIRT values.





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