

**Reference Stars for C/2001 Q4 CCD photometry  
extracted from HIPPARCUS catalog**

HIPPARCUS	V (Johnson)	B-V (Johnson)	+/-	V-I (Cousins)	+/-	Spectral type	remarks
35884	6.84	0.489	0.005	0.56	0.01	F7V	May 6
36395	6.05	0.479	0.004	0.55	0.01	F5V	Var. 0.007 mag- May 6-7
35823	7.62	0.498	0.015	0.57	0.02	F8	May 7
37520	7.53	0.717	0.008	0.77	0.01	G5	May 7
37332	7.83	0.681	0.010	0.74	0.01	G5	Var. 0.027 - May 8
39198	6.45	0.838	0.006	0.86	-	G5	May 8-9
38625	7.43	0.739	0.025	0.85	0.02	G8V	Var. 0.008- May 9
39325	7.61	0.709	0.126	0.72	0.03	G5	Var. 0.009 - May 10
37279	0.40	0.432	0.015	0.49	0.02	F5IV-V	Var 0.007 - May 10 (*)
39904	7.72	0.389	0.015	0.46	0.02	F0	Var. 0.012 - May 11
40134	7.28	0.844	0.011	0.844	0.01	G5	May 12 * Check on M67
40231	6.03	0.890	0.015	0.89	0.04	G8III	May 13
42133	6.55	0.681	0.013	0.86	0.08	G0III	Close to M44 May 14-16
42356	7.54	0.632	0.01	0.70	0.01	G5	May 15-18
43904	7.32	0.511	0.01	0.58	0.01	G0	Around May 22
44014	7.10	0.476	0.008	0.55	0.01	F5	Around May 24
44883	5.11	0.481	0.003	0.55	-	F6Vs	19 Lmi - Around May 30

(\*) bright star for a general check

Extracted by "Guide rev. 8" software

In the remarks column is reported also the amount scattering due to the detected (or suspected) variability of the star. On an average in most cases the variation is smaller the expected error on measurements. For the stars suspected of variability a check at least on another star is always recommended. As general rule, when possible, use at least two reference stars for producing independent sets of measurements.

**PRIMARY SPECTROPHOTOMETRIC STANDARDS**  
Especially recommended for the calibration of narrowband filters

Star name	R.A. (2000.0)	Dec (2000.0)	V mag	Spectral type
HILT600	06 <sup>h</sup> 45 <sup>m</sup> 13 <sup>s</sup> .33	+ 02° 08' 14".1	10.44	B1
HR3454	08 43 13.46	+ 03 23 55.1	4.30	B3v
FEIGE 34	10 39 36.71	+43 06 10.1	11.18	D0
HD93521	10 48 23.51	+37 34 12.8	7.04	09Vp

From : <http://www.eso.org/observing/standards/spectra/stanlis.html>