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no	name	x	y	a	d	image (cts)	image (mag)	simbad (mag)	diff (mag)
1	HIP 49363	1665.15	1228.39	143.21	51.68	502167.8	10.748	3.20	7.55
2	HIP 44127	1405.23	1144.79	134.80	48.04	505415.2	10.741	3.10	7.64
3	HIP 50372	1637.32	1709.56	154.27	42.91	467164.5	10.826	3.44	7.38
4	HIP 48319	1963.28	1094.32	147.75	59.04	464317.3	10.833	3.80	7.03
5	HIP 53910	2210.87	1421.95	165.46	56.38	549177.1	10.651	2.35	8.30
average diff							7.58	±	0.21

astrokalibr

stars	r (px)	r (arcsec)	1px (arcsec)
1x2	273.03	23481.6	86.00
2x3	610.60	52328.43	85.70
3x4	696.25	59834.63	85.94
4x5	410.66	35262.34	85.87
1x3	481.97	41433.16	85.97
2x4	560.33	48133.59	85.90
3x5	641.62	54892.7	85.55
1x4	326.89	28061.9	85.85
2x5	851.98	73202.42	85.92
1x5	579.03	49730.12	85.89

fotokalibr

name	image V (cts)	cts*arcsec^-2	mag*arcsec^-2
nebe 1	296725.85	0.403	25.988
nebe 2	289094.64	0.392	26.016
nebe 3	296258.21	0.402	25.990
nebe 4	295474.89	0.401	25.993
average mag	25.997	±	0.007
jas nebe	18.41	±	0.51

mag*arcsec^-2

px: 85.86 ± 0.04 arcsecs