

Single Image Photometry Report At-a-Glance

Target Star Estimates

Aperture radius: Transform Refresh

Target	Mag	Err	Std	Err(SNR)	SNR	Sky	<*
AH Her	11.807	0.026	0.026	0.001	733	73	<input type="checkbox"/>
Check 1	12.529	0.026	0.026	0.002	487	67	<input type="checkbox"/>
ROTSE1 J164341.65+251748.1	14.123	0.027	0.026	0.007	166	65	<input type="checkbox"/>

* - report the target as fainter than the limiting magnitude of 17.289

Image summary

Object:	AH_Her	Date/Time:	2012-03-31 10:06:53
JD:	2456017.92145	Decimal Date:	2012-03-31.42145
R.A.:	16:44:10.46	Dec:	25:13:28.80
Exp.time:	120 s	Filter:	V
Airmass:	1.0389	Calibration:	BDF
Telescope:	K35		
Filename:	634728519592270633.fts		

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7 Comparison Stars

Star	IM	SNR	X	Y	Sky	Air	B-V	V-mag	Target estimate	Active
127	-7.617	451	386.840	618.897	69	1.039	0.528	12.688	14.135	<input checked="" type="checkbox"/>
134	-6.953	299	476.187	169.900	69	1.039	0.535	13.356	14.140	<input checked="" type="checkbox"/>
137	-6.622	237	544.983	793.827	64	1.039	1.076	13.672	14.125	<input checked="" type="checkbox"/>
140	-6.313	194	274.522	363.822	67	1.039	0.663	13.988	14.131	<input checked="" type="checkbox"/>
142	-6.165	152	493.186	599.084	67	1.039	0.607	14.156	14.152	<input checked="" type="checkbox"/>
146	-5.645	120	307.154	759.609	67	1.039	0.669	14.602	14.077	<input checked="" type="checkbox"/>
151	-5.193	77	474.304	579.008	69	1.039	0.774	15.077	14.100	<input checked="" type="checkbox"/>

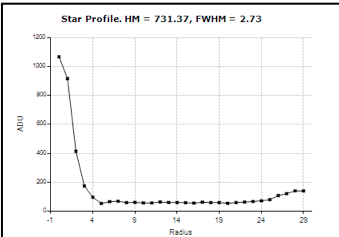
Variable Stars

I/SNR

Standard deviation of comparison stars

Bias, Darks, Flats

Pull up details on the star...



ADU Readings (13 x 13 pixels)

606	468	468	470	471	473	474	476	477	478	479	480		
473	78	82	90	71	85	64	37	67	42	75	54	74	62
674	53	63	56	70	84	72	81	65	26	54	83	78	69
676	61	83	92	74	77	79	45	69	80	21	67	40	32
478	46	86	71	101	112	83	65	102	87	91	58	83	83
677	77	86	124	90	224	387	347	294	181	97	70	0	49
678	82	99	75	176	358	758	1178	1281	721	156	98	83	0
479	83	67	83	178	378	553	1087	1394	1031	212	100	50	41
680	77	0	102	173	236	340	478	658	818	198	69	72	48
681	75	90	113	143	195	237	285	283	146	102	83	73	71
682	76	41	81	118	168	192	183	196	133	82	69	58	55
683	68	94	98	102	102	122	117	108	97	68	92	96	74
684	60	71	75	52	78	76	87	12	71	83	10	82	46
685	87	58	62	75	74	52	55	87	64	60	58	76	69

Color shading indicates distance from average.

Magnitude of variable star based on this sole comparison star

Location on image

Include/Exclude in photometric solution

Avoid extreme colored stars when possible (B-V<0.3 or B-V>1.0)