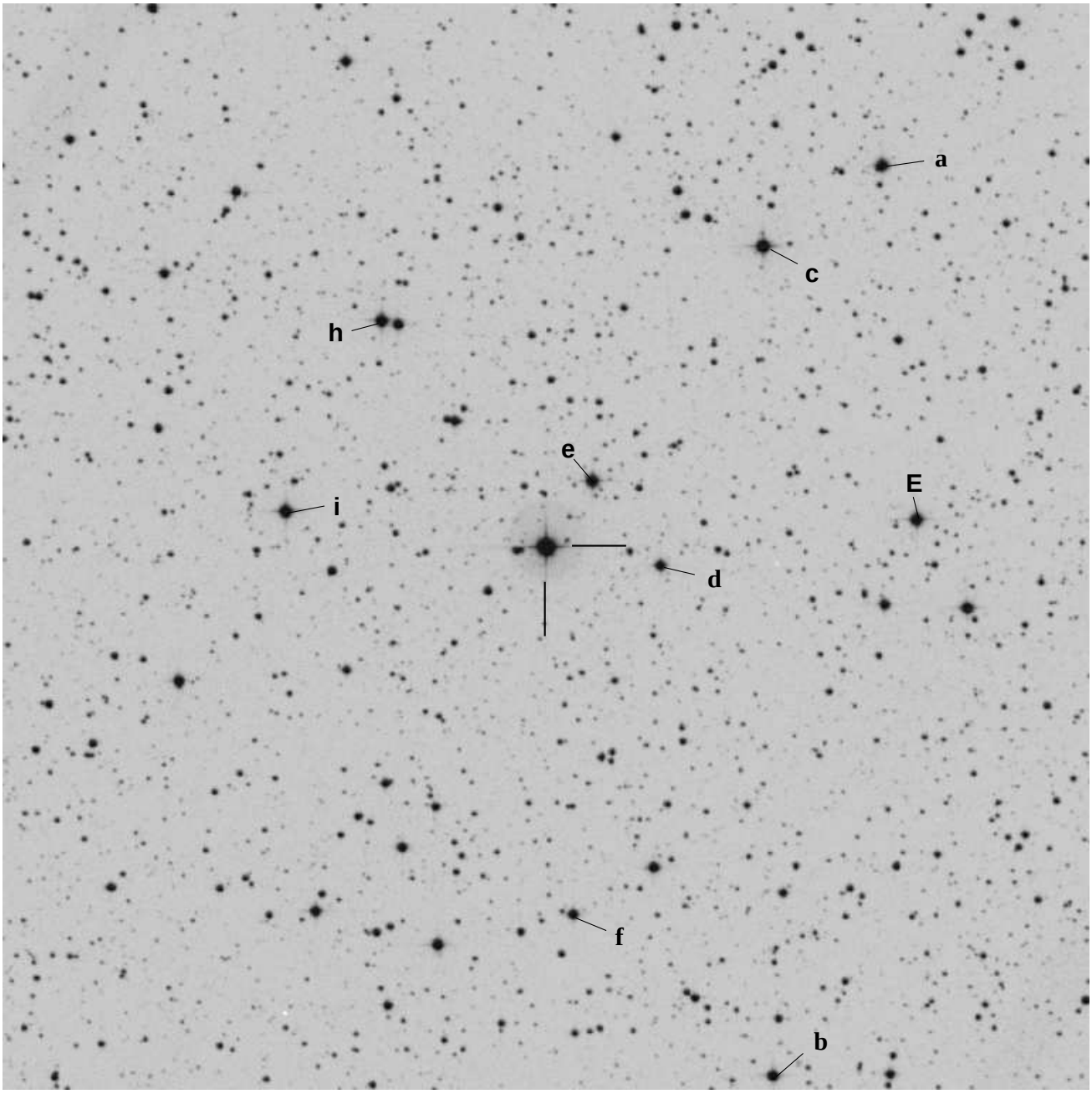
LPH123, AUID 000-BDC-306
(RX J2030.5+4751, AAVSO 2027+47, SAO 49725)



J2030.5+4751: $20^h30^m30^s.85$ $+47°51'50''.7$ (J2000) V=9.27, B-V=0.38
15m (1/4°) sq field — North up. Near Deneb in Cygnus, Uranometria 85.
Position from: Motch C et al. 1997, A&A 323,853 / SIMBAD

Comp and Check stars with relatively neutral B-V (from SRO data)

Star	RA	Dec	B	V	R	I	
a	20 30 3.118	47 57 5.324	12.085	11.645	11.394	11.145	Revision
e	20 30 27.032	47 52 45.39	11.766	11.559	11.416	11.246	[2009-09-07]
h	20 30 44.301	47 54 58.273	11.837	11.494	11.282	11.024	
i	20 30 52.211	47 52 20.874	11.596	11.234	11.036	10.842	

Notes on data reduction: For standard differential photometry use i as the comparison star. For ensemble photometry all of the above listed stars may be used. If inhomogeneous ensemble photometry is used, set the zeropoint with the comp star i.

Original Henden sequence data for J2030.5+4751 from the 0.35m telescope at Sonoita Research Observatory (SRO) for stars fainter than 9th and brighter than 12th magnitude and in the field 307.629 < RA < 307.754, 47.739 < Dec < 47.989:

ID	RA(J2000)	raerr	DEC(J2000)	decerr	nobs	V	B-V	U-B	V-R	R-I	V-I			Errors			
a	307.513	0.032	47.951	0.059	3	11.645	0.440	99.999	0.251	0.249	0.500	0.000	0.013	9.999	0.006	0.020	0.021
b	307.551	0.093	47.742	0.048	3	11.499	1.137	99.999	0.629	0.598	1.231	0.006	0.018	9.999	0.006	0.003	0.007
c=D	307.554	0.044	47.933	0.048	3	9.944	1.814	99.999	1.000	1.018	2.034	0.007	0.030	9.999	0.007	0.004	0.002
d	307.589	0.077	47.860	0.013	3	11.524	1.468	99.999	0.790	0.736	1.530	0.000	0.024	9.999	0.006	0.017	0.023
e=A	307.613	0.054	47.879	0.006	3	11.559	0.207	99.999	0.143	0.169	0.313	0.012	0.003	9.999	0.014	0.015	0.008
f	307.620	0.052	47.780	0.061	3	11.748	1.730	99.999	0.945	0.904	1.856	0.006	0.045	9.999	0.020	0.024	0.012
g=obj	307.628	0.077	47.864	0.012	3	9.224	0.397	99.999	0.346	0.352	0.700	0.000	0.009	9.999	0.013	0.019	0.015
h=B	307.685	0.026	47.916	0.033	3	11.494	0.343	99.999	0.212	0.254	0.470	0.006	0.009	9.999	0.010	0.014	0.008
i=C	307.718	0.030	47.872	0.024	3	11.234	0.362	99.999	0.198	0.194	0.392	0.009	0.010	9.999	0.003	0.005	0.009

Note: V-I is used to determine I, not R-I.

ARCHIVAL REFERENCE DATA: Do not use the data below for photometry. It is here for archival reference only to tie in old data with new data.

Reference star data from SIMBAD

Ref Star	ID	RA	Dec	B	V
A=e	GSC 03577-00762	20 30 27.04	+47 52 45.3	11.5	11.4
B=h	GSC 03577-02561	20 30 44.31	+47 54 58.2	11.6	11.3
C=i	GSC 03577-02189	20 30 52.20	+47 52 20.8	11.5	11.2
D=c	GSC 03577-01288	20 30 12.92	+47 55 58.6	11.9	10.0
E	GSC 03577-02138	20 30 00.40	+47 52 12.2	11.8	10.9