

UT Date 2003-03-03 Observers Westover/CalkinsColl. Focus 800 Grating/Grism 300

File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0001.DARK	900	22:31	02:03:26.5	+31:29:33	300	90	3.0	#68 2MASS Reds	4	
0002.DARK	900	22:46	02:18:37.9	+31:29:34	300	90	3.0	#68 2MASS Reds	4	
0003.DARK	900	23:01	02:33:45.9	+31:29:36	300	90	3.0	#68 2MASS Reds	4	
0004.DARK	900	23:16	02:48:53.9	+31:29:38	300	90	3.0	#68 2MASS Reds	4	
0005.DARK	900	23:31	03:04:05.2	+31:29:40	300	90	3.0	#68 2MASS Reds	4	
0006.DARK	900	23:46	03:19:13.0	+31:29:42	300	90	3.0	#68 2MASS Reds	4	
0007.DARK	900	0:02	03:34:21.0	+31:29:45	300	90	3.0	#68 2MASS Reds	4	
0008.DARK	900	0:17	03:49:32.4	+31:29:48	300	90	3.0	#68 2MASS Reds	4	
0009.DARK	900	0:32	04:04:40.2	+31:29:51	300	90	3.0	#68 2MASS Reds	4	
0010.DARK	900	0:47	04:19:48.0	+31:29:54	300	90	3.0	#68 2MASS Reds	4	
0011-0020.BIAS	0	2:01	05:19:15.6	+31:30:08	300	90	3.0	#68 2MASS Reds	4	
0021-0029.FLAT	6	2:23	05:40:44.7	+31:30:13	300	90	3.0	#68 2MASS Reds	4	
0030.FLAT	6	2:23	05:40:57.5	+31:30:14	300	90	3.0	#68 2MASS Reds	4	
0031-0040.BIAS	0	2:26	05:43:40.4	+31:30:14	300	90	3.0	#68 2MASS Reds	2	
0041.FLAT	12	2:26	05:44:43.0	+31:30:14	300	90	3.0	#68 2MASS Reds	2	fog at sunset
0042-0050.FLAT	12	2:30	05:48:25.3	+31:30:15	300	90	3.0	#68 2MASS Reds	2	
0051.Feige34	210	7:51	10:36:41.2	43:21:50	300	90	3.0	#56 Spectropho	4	
0052.Feige34	210	7:55	10:36:41.2	43:21:50	300	90	3.0	#56 Spectropho	4	
0053.COMP	5	7:59	10:36:41.2	43:21:50	300	90	3.0	#56 Spectropho	4	
0054.Feige34	180	8:01	10:36:41.2	43:21:50	300	90	3.0	#56 Spectropho	2	

files through file 88 are at tilt pos = 601; not 610

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0055.Feige34	180	8:04	10:36:41.2	43:21:50	300	90	3.0	#56 Spectropho	2	
0056.COMP	12	8:08	10:36:41.2	43:21:50	300	90	3.0	#56 Spectropho	2	
0057.Feige34	180	8:14	10:36:41.2	43:21:50	300	-43	3.0	#56 Spectropho	2	
0058.Feige34	180	8:17	10:36:41.2	43:21:50	300	-43	3.0	#56 Spectropho	2	
0059.COMP	12	8:21	10:36:41.2	43:21:50	300	-43	3.0	#56 Spectropho	2	
0060.sn2003W	1200	8:39	09:46:49.5	16:02:37	300	55	3.0	#2 SN Observat	2	
0061.COMP	12	9:00	09:46:49.5	16:02:37	300	55	3.0	#2 SN Observat	2	
0062.MRK110	600	9:05	09:25:12.9	+52:17:10	300	90	3.0	#6 AGN Monitor	2	
0063.COMP	12	9:16	09:25:12.9	+52:17:10	300	90	3.0	#6 AGN Monitor	2	
0064.N3227	150	9:22	10:23:30.6	+19:51:54	300	90	3.0	#6 AGN Monitor	2	
0065.N3227	150	9:25	10:23:30.6	+19:51:54	300	90	3.0	#6 AGN Monitor	2	
0066.COMP	12	9:27	10:23:30.6	+19:51:54	300	90	3.0	#6 AGN Monitor	2	
0067.MRK421	300	9:31	11:04:27.4	+38:12:32	300	90	3.0	#133 MRK421 an	2	
0068.MRK421	300	9:36	11:04:27.4	+38:12:32	300	90	3.0	#133 MRK421 an	2	
0069.MRK421	300	9:41	11:04:27.4	+38:12:32	300	90	3.0	#133 MRK421 an	2	
0070.COMP	12	9:46	11:04:27.4	+38:12:32	300	90	3.0	#133 MRK421 an	2	
0071.N4051	150	9:50	12:03:09.7	+44:31:53	300	90	3.0	#6 AGN Monitor	2	
0072.N4051	150	9:53	12:03:09.7	+44:31:53	300	90	3.0	#6 AGN Monitor	2	
0073.N4051	150	9:56	12:03:09.7	+44:31:53	300	90	3.0	#6 AGN Monitor	2	
0074.COMP	12	9:59	12:03:09.7	+44:31:53	300	90	3.0	#6 AGN Monitor	2	

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0075.sn2003an	1200	10:08	13:27:53.5	+28:30:29	300	-14	3.0	#2 SN Observat	2	where is SN???
0076.COMP	12	10:30	13:27:53.5	+28:30:29	300	-14	3.0	#2 SN Observat	2	
0077.N4151	30	10:43	12:10:32.6	+39:24:21	300	90	3.0	#6 AGN Monitor	2	
0078.N4151	30	10:44	12:10:32.6	+39:24:21	300	90	3.0	#6 AGN Monitor	2	
0079.COMP	12	10:45	12:10:32.6	+39:24:21	300	90	3.0	#6 AGN Monitor	2	
0080.M87	120	10:48	12:30:49.4	12:23:28	300	90	3.0	#6 AGN Monitor	2	
0081.COMP	12	10:51	12:30:49.4	12:23:28	300	90	3.0	#6 AGN Monitor	2	
0082.MRK279	120	10:55	13:51:53.6	69:33:13	300	90	3.0	#6 AGN Monitor	2	
0083.MRK279	120	10:57	13:51:53.6	69:33:13	300	90	3.0	#6 AGN Monitor	2	
0084.COMP	12	11:00	13:51:53.6	69:33:13	300	90	3.0	#6 AGN Monitor	2	
0085.N5548	150	11:03	14:17:59.6	+25:08:12	300	90	3.0	#6 AGN Monitor	2	
0086.N5548	150	11:06	14:17:59.6	+25:08:12	300	90	3.0	#6 AGN Monitor	2	
0087.N5548	150	11:09	14:17:59.6	+25:08:12	300	90	3.0	#6 AGN Monitor	2	
0088.COMP	12	11:12	14:17:59.6	+25:08:12	300	90	3.0	#6 AGN Monitor	2	
0089.hs1240	480	11:25	12:22:27.4	17:29:57	600	90	2.0	#122 Halo Star	4	600 L, 2 arcsec, tilt=430
0090.COMP	10	11:34	12:22:27.4	17:29:57	600	90	2.0	#122 Halo Star	4	
0091.hs1241	720	11:38	12:27:51.1	17:19:46	600	90	2.0	#122 Halo Star	4	
0092.COMP	10	11:50	12:27:51.1	17:19:46	600	90	2.0	#122 Halo Star	4	
0093.hs1242	900	11:58	13:25:30.5	38:17:56	600	90	2.0	#122 Halo Star	4	
0094.COMP	10	12:13	13:25:30.5	38:17:56	600	90	2.0	#122 Halo Star	4	



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0095.hs1243	420	12:16	13:25:46.7	40:08:27	600	90	2.0	#122 Halo Star	4	
0096.COMP	10	12:24	13:25:46.7	40:08:27	600	90	2.0	#122 Halo Star	4	
0097.BDp332642	180	12:29	15:50:03	33:05:49	600	90	2.0	#122 Halo Star	4	
0098.COMP	10	12:33	15:50:03	33:05:49	600	90	2.0	#122 Halo Star	4	
0099-0108.FLAT	40	12:42	15:50:03	33:05:49	600	90	2.0	#6 AGN Monitor	4	
0109.YYHer	20	12:52	18:14:34	20:59:19	300	90	2.0	#12 Symbiotic	2	combo setup
0110.YYHer	200	12:52	18:14:34	20:59:19	300	90	2.0	#12 Symbiotic	2	↓ -
0111.YYHer	15	12:56	18:14:34	20:59:19	300	90	2.0	#12 Symbiotic	2	
0112.COMP	12	12:57	18:14:34	20:59:19	300	90	2.0	#12 Symbiotic	2	
0113.BDp332642	90	12:59	15:50:03	33:05:49	300	90	2.0	#56 Spectropho	2	
0114.COMP	12	13:01	15:50:03	33:05:49	300	90	2.0	#56 Spectropho	2	
0115-0120.sky	2	13:33	15:50:03	33:05:49	300	90	2.0	#57 Velocity S	4	
0121.COMP	5	13:34	15:50:03	33:05:49	300	90	2.0	#57 Velocity S	4	
0122-0131.BIAS	0	13:36	15:50:03	33:05:49	300	90	2.0	#57 Velocity S	4	
0132-0141.FLAT	6	13:39	15:50:03	33:05:49	300	90	2.0	#57 Velocity S	4	
0142-0151.BIAS	0	13:42	15:50:03	33:05:49	300	90	2.0	#57 Velocity S	2	
0152-0161.FLAT	12	13:46	15:50:03	33:05:49	300	90	2.0	#57 Velocity S	2	
0162-0171.DARK	900	16:04	15:50:03	33:05:49	300	90	2.0	#57 Velocity S	2	

file bin  
 109 read  
 2 ways - with  
 2" slit here &  
 3" slit here -  
 didn't make note of that

from file 109 onward has 2" slit in header  
 or aperture instead of 3" - think  
 3" is correct but Mike has not answered  
 query by 3/7/03  
 at 3" date in archive. 3/12/03