

UT Date 2004-07-23 Observers M CalkinsColl. Focus 1050 Grating/Grism 300

File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bir	Comments
0001.DARK	900	22:11	11:05:43.7	+31:31:05	300	90	3.0	#2 SN Observat	4	
0002.DARK	900	22:26	11:20:54.7	+31:31:06	300	90	3.0	#2 SN Observat	4	
0003-0004.DARK	900	22:56	11:51:13.4	+31:31:07	300	90	3.0	#2 SN Observat	4	
0005.DARK	900	23:11	12:06:20.7	+31:31:08	300	90	3.0	#2 SN Observat	4	
0006-0007.DARK	900	23:41	12:36:39.4	+31:31:07	300	90	3.0	#2 SN Observat	4	
0008.DARK	900	23:56	12:51:50.5	+31:31:06	300	90	3.0	#2 SN Observat	4	
0009.DARK	900	0:11	13:06:57.9	+31:31:05	300	90	3.0	#2 SN Observat	4	
0010.DARK	900	0:27	13:22:09.0	+31:31:03	300	90	3.0	#2 SN Observat	4	
0011-0014.BIAS	0	1:17	13:57:53.6	+31:30:59	300	90	3.0	#2 SN Observat	4	
0015-0020.BIAS	0	1:18	13:58:36.5	+31:30:58	300	90	3.0	#2 SN Observat	4	
0021-0030.FLAT	6	1:21	14:01:34.8	+31:30:58	300	90	3.0	#2 SN Observat	4	
0031-0038.BIAS	0	1:23	14:03:53.8	+31:30:58	300	90	3.0	#2 SN Observat	2	
0039-0040.BIAS	0	1:24	14:04:19.8	+31:30:57	300	90	3.0	#2 SN Observat	2	
0041-0049.FLAT	12	1:29	14:09:27.4	+31:30:57	300	90	3.0	#2 SN Observat	2	
0050.FLAT	12	1:29	14:09:49.7	+31:30:56	300	90	3.0	#2 SN Observat	2	
0051.BDp262606	17	3:07	14:49:02.3	+25:42:09	300	61	3.0	#56 Spectropho	2	
0052.BDp262606	17	3:07	14:49:02.3	+25:42:09	300	61	3.0	#56 Spectropho	2	
0053.COMP	12	3:08	14:49:02.3	+25:42:09	300	61	3.0	#56 Spectropho	2	
0054.BDp332642	80	3:10	15:50:03.0	33:05:49	300	16	3.0	#56 Spectropho	2	
0055.BDp332642	80	3:12	15:50:03.0	33:05:49	300	16	3.0	#56 Spectropho	2	

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0056.COMP	12	3:14	15:50:03.0	33:05:49	300	16	3.0	#56 Spectropho	2	
0057.TCrB	15	3:16	15:59:30	25:55:12	300	90	3.0	#12 Symbiotic	2	
0058.TCrB	60	3:17	15:59:30	25:55:12	300	90	3.0	#12 Symbiotic	2	
0059.COMP	12	3:18	15:59:30	25:55:12	300	90	3.0	#12 Symbiotic	2	
0060.AGDra	2	3:20	16:01:41	66:48:10	300	90	3.0	#12 Symbiotic	2	
0061.AGDra	15	3:20	16:01:41	66:48:10	300	90	3.0	#12 Symbiotic	2	
0062.AGDra	45	3:21	16:01:41	66:48:10	300	90	3.0	#12 Symbiotic	2	
0063.COMP	12	3:22	16:01:41	66:48:10	300	90	3.0	#12 Symbiotic	2	
0064.DracoC1	1200	4:10	17:19:58	57:50:06	300	90	3.0	#12 Symbiotic	2	
0065.COMP	12	4:31	17:19:58	57:50:06	300	90	3.0	#12 Symbiotic	2	
0066.RSOph	10	4:36	17:50:13	-06:42:30	300	90	3.0	#12 Symbiotic	2	
0067.COMP	12	4:39	17:50:13	-06:42:30	300	90	3.0	#12 Symbiotic	2	
0068.RSOph	60	4:39	17:50:13	-06:42:30	300	90	3.0	#12 Symbiotic	2	
0069.RSOph	150	4:41	17:50:13	-06:42:30	300	90	3.0	#12 Symbiotic	2	
0070.COMP	12	4:44	17:50:13	-06:42:30	300	90	3.0	#12 Symbiotic	2	
0071.YYHer	10	4:45	18:14:34	20:59:19	300	90	3.0	#12 Symbiotic	2	
0072.YYHer	60	4:45	18:14:34	20:59:19	300	90	3.0	#12 Symbiotic	2	
0073.COMP	12	4:47	18:14:34	20:59:19	300	90	3.0	#12 Symbiotic	2	
0074.V443Her	5	4:48	18:22:07	23:27:20	300	90	3.0	#12 Symbiotic	2	
0075.V443Her	45	4:49	18:22:07	23:27:20	300	90	3.0	#12 Symbiotic	2	

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0076.V443Her	90	4:50	18:22:07	23:27:20	300	90	3.0	#12 Symbiotic	2	
0077.COMP	12	4:53	18:22:07	23:27:20	300	90	3.0	#12 Symbiotic	2	
0078.21_1224p02370_a	1800	7:48	21:14:56.0	2:50:5	300	90	3.0	#113 Interacti	2	
0079.COMP	12	8:19	21:14:56.0	2:50:5	300	90	3.0	#113 Interacti	2	
0080.21_1224p02370_b	1500	8:23	21:14:52.2	2:50:14	300	20	3.0	#113 Interacti	2	
0081.21_1224p02370_b	1500	8:48	21:14:52.2	2:50:14	300	20	3.0	#113 Interacti	2	through clouds
0082.COMP	12	9:13	21:14:52.2	2:50:14	300	20	3.0	#113 Interacti	2	
0083.002824+04490	480	9:31	00:31:06.4	+05:04:43	300	90	3.0	#84f Updated Z	2	H-alpha
0084.COMP	12	9:40	00:31:06.4	+05:04:43	300	90	3.0	#84f Updated Z	2	
0085.005548+11180	1200	9:44	00:58:25.4	+11:33:31	300	100	3.0	#84f Updated Z	2	
0086.COMP	12	10:04	00:58:25.4	+11:33:31	300	100	3.0	#84f Updated Z	2	
0087.sn2004dh	1200	10:08	00:18:00.4	24:33:44	300	110	3.0	#2 SN Observat	2	row=71
0088.COMP	12	10:28	00:18:00.4	24:33:44	300	110	3.0	#2 SN Observat	2	
0089-0098.BIAS	0	11:51	19:23:53	29:40:27	300	90	3.0	#113 Interacti	2	
0099-0108.FLAT	12	11:55	19:23:53	29:40:27	300	90	3.0	#113 Interacti	2	
0109-0116.DARK	900	13:43	19:23:53	29:40:27	300	90	3.0	#113 Interacti	2	