

UT Date 2002-07-12 Observers M CalkinsColl. Focus 980 Grating/Grism 300

File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bir	Comments
0001-0010.DARK	900	1:34	21:48:57.1	28:37:48	300	90	3.0	#56 Spectropho	4	
0011-0020.BIAS	0	1:50	21:48:57.1	28:37:48	300	90	3.0	#56 Spectropho	4	
0021-0030.FLAT	6	1:52	21:48:57.1	28:37:48	300	90	3.0	#56 Spectropho	4	
0031-0040.BIAS	0	1:54	21:48:57.1	28:37:48	300	90	3.0	#56 Spectropho	2	
0041-0050.FLAT	12	1:59	21:48:57.1	28:37:48	300	90	3.0	#56 Spectropho	2	
0051-0055.sky	2	2:45	21:48:57.1	28:37:48	300	90	3.0	#57 Velocity S	4	
0056.COMP	5	2:45	21:48:57.1	28:37:48	300	90	3.0	#57 Velocity S	4	
0057.sn2002dj	1200	3:52	13:13:00.3	-19:31:08	300	35	3.0	#2 SN Observat	2	row=71
0058.COMP	12	4:12	13:13:00.3	-19:31:08	300	35	3.0	#2 SN Observat	2	
0059.2MJ1134467p222943	1200	4:15	11:34:46.7	+22:29:43	300	90	3.0	#68 2MASS Reds	2	
0060.COMP	12	4:36	11:34:46.7	+22:29:43	300	90	3.0	#68 2MASS Reds	2	
0061.2MJ1140560p225812	420	4:39	11:40:56.0	+22:58:12	300	90	3.0	#68 2MASS Reds	2	
0062.COMP	12	4:46	11:40:56.0	+22:58:12	300	90	3.0	#68 2MASS Reds	2	
0063.2MJ1139141p234746	360	4:48	11:39:14.1	+23:47:46	300	90	3.0	#68 2MASS Reds	2	
0064.COMP	12	4:54	11:39:14.1	+23:47:46	300	90	3.0	#68 2MASS Reds	2	
0065.2MJ1141559p201911	780	4:57	11:41:55.9	+20:19:11	300	0	3.0	#68 2MASS Reds	2	
0066.COMP	12	5:10	11:41:55.9	+20:19:11	300	0	3.0	#68 2MASS Reds	2	
0067.2MJ1307313p085938	480	5:18	13:07:31.3	08:59:38	300	90	3.0	#68 2MASS Reds	2	
0068.COMP	12	5:26	13:07:31.3	08:59:38	300	90	3.0	#68 2MASS Reds	2	
0069.2MJ1308220p154221	540	5:28	13:08:22.0	15:42:21	300	90	3.0	#68 2MASS Reds	2	

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0070.COMP	12	5:37	13:08:22.0	15:42:21	300	90	3.0	#68 2MASS Reds	2	
0071.2MJ1310372p022116	900	5:40	13:10:37.2	02:21:16	300	90	3.0	#68 2MASS Reds	2	
0072.COMP	12	5:55	13:10:37.2	02:21:16	300	90	3.0	#68 2MASS Reds	2	
0073.id2598	600	5:59	20:03:57.2	35:54:03	300	90	3.0	#115 PMS NGC68	2	
0074.COMP	12	6:09	20:03:57.2	35:54:03	300	90	3.0	#115 PMS NGC68	2	
0075.id2615	600	6:11	20:03:53.6	35:54:22	300	90	3.0	#115 PMS NGC68	2	
0076.COMP	12	6:21	20:03:53.6	35:54:22	300	90	3.0	#115 PMS NGC68	2	
0077.id1106	600	6:22	20:07:24.3	35:35:12	300	90	3.0	#115 PMS NGC68	2	
0078.COMP	12	6:33	20:07:24.3	35:35:12	300	90	3.0	#115 PMS NGC68	2	
0079.id1189	540	6:34	20:07:17.2	35:35:40	300	90	3.0	#115 PMS NGC68	2	
0080.COMP	12	6:43	20:07:17.2	35:35:40	300	90	3.0	#115 PMS NGC68	2	
0081.id2141	660	6:44	20:05:21.0	35:39:36	300	90	3.0	#115 PMS NGC68	2	
0082.COMP	12	6:56	20:05:21.0	35:39:36	300	90	3.0	#115 PMS NGC68	2	
0083.id2398	540	6:57	20:04:36.0	35:52:33	300	90	3.0	#115 PMS NGC68	2	
0084.COMP	12	7:06	20:04:36.0	35:52:33	300	90	3.0	#115 PMS NGC68	2	
0085.BDp404032	150	7:08	20:06:40	41:06:15	300	57	3.0	#56 Spectropho	2	
0086.COMP	12	7:11	20:06:40	41:06:15	300	57	3.0	#56 Spectropho	2	
0087.V4641Sgr	1200	7:15	18:19:21.6	-25:24:26	300	90	1.5	#65 X-Ray Nova	2	300L, 1.5arcsec, tilt=610
0088.COMP	24	7:36	18:19:21.6	-25:24:26	300	90	1.5	#65 X-Ray Nova	2	
0089.J1901candiC	1800	7:41	19:01:26.9	01:23:04	300	13	1.5	#65 X-Ray Nova	2	

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0090.COMP	24	8:12	19:01:26.9	01:23:04	300	13	1.5	#65 X-Ray Nova	2	
0091.BDp404032	120	8:18	20:06:40	41:06:15	300	90	1.5	#56 Spectropho	2	
0092.COMP	24	8:21	20:06:40	41:06:15	300	90	1.5	#56 Spectropho	2	
0093-0102.FLAT	30	8:29	20:06:40	41:06:15	300	90	1.5	#56 Spectropho	2	
0103.HD178494	4	8:33	19:9:33.8	-18:43:23	300	90	3.0	#87 IRAC Spect	2	normal setup
0104.HD178494	20	8:34	19:9:33.8	-18:43:23	300	90	3.0	#87 IRAC Spect	2	
0105.HD178494	45	8:34	19:9:33.8	-18:43:23	300	90	3.0	#87 IRAC Spect	2	
0106.COMP	12	8:36	19:9:33.8	-18:43:23	300	90	3.0	#87 IRAC Spect	2	
0107.HD178499	20	8:38	19:9:50.1	-24:46:16	300	90	3.0	#87 IRAC Spect	2	
0108.HD178499	80	8:39	19:9:50.1	-24:46:16	300	90	3.0	#87 IRAC Spect	2	
0109.HD178499	150	8:41	19:9:50.1	-24:46:16	300	90	3.0	#87 IRAC Spect	2	
0110.COMP	12	8:44	19:9:50.1	-24:46:16	300	90	3.0	#87 IRAC Spect	2	
0111.HD178725	45	8:45	19:10:24.9	-19:39:38	300	90	3.0	#87 IRAC Spect	2	
0112.HD178725	90	8:46	19:10:24.9	-19:39:38	300	90	3.0	#87 IRAC Spect	2	
0113.HD178725	150	8:48	19:10:24.9	-19:39:38	300	90	3.0	#87 IRAC Spect	2	
0114.COMP	12	8:51	19:10:24.9	-19:39:38	300	90	3.0	#87 IRAC Spect	2	
0115.HD180630	40	8:56	19:17:54.3	-17:53:19	300	90	3.0	#87 IRAC Spect	2	
0116.HD180630	90	8:58	19:17:54.3	-17:53:19	300	90	3.0	#87 IRAC Spect	2	
0117.HD180630	150	9:00	19:17:54.3	-17:53:19	300	90	3.0	#87 IRAC Spect	2	
0118.COMP	12	9:03	19:17:54.3	-17:53:19	300	90	3.0	#87 IRAC Spect	2	

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0119.HD180542	50	9:04	19:17:56.0	-25:32:44	300	90	3.0	#87 IRAC Spect	2	
0120.HD180542	100	9:05	19:17:56.0	-25:32:44	300	90	3.0	#87 IRAC Spect	2	
0121.HD180542	180	9:07	19:17:56.0	-25:32:44	300	90	3.0	#87 IRAC Spect	2	
0122.COMP	12	9:11	19:17:56.0	-25:32:44	300	90	3.0	#87 IRAC Spect	2	
0123.HD181195	50	9:12	19:20:16.2	-19:30:1	300	90	3.0	#87 IRAC Spect	2	
0124.HD181195	100	9:13	19:20:16.2	-19:30:1	300	90	3.0	#87 IRAC Spect	2	
0125.HD181195	180	9:16	19:20:16.2	-19:30:1	300	90	3.0	#87 IRAC Spect	2	
0126.COMP	12	9:19	19:20:16.2	-19:30:1	300	90	3.0	#87 IRAC Spect	2	
0127.HD183307	50	9:20	19:29:37.3	-19:15:31	300	90	3.0	#87 IRAC Spect	2	
0128.HD183307	100	9:22	19:29:37.3	-19:15:31	300	90	3.0	#87 IRAC Spect	2	
0129.HD183307	180	9:24	19:29:37.3	-19:15:31	300	90	3.0	#87 IRAC Spect	2	
0130.COMP	12	9:27	19:29:37.3	-19:15:31	300	90	3.0	#87 IRAC Spect	2	
0131.HD184837	60	9:28	19:37:15.9	-24:40:42	300	90	3.0	#87 IRAC Spect	2	
0132.HD184837	180	9:29	19:37:15.9	-24:40:42	300	90	3.0	#87 IRAC Spect	2	
0133.HD184837	180	9:33	19:37:15.9	-24:40:42	300	90	3.0	#87 IRAC Spect	2	
0134.COMP	12	9:36	19:37:15.9	-24:40:42	300	90	3.0	#87 IRAC Spect	2	
0135.sn2002dp	840	9:39	23:28:30.1	+22:25:38	300	110	3.0	#2 SN Observat	2	shorten for clouds
0136.COMP	12	9:54	23:28:30.1	+22:25:38	300	110	3.0	#2 SN Observat	2	wait out clouds...
0137.ZAnd	3	10:26	23:33:40	48:49:06	300	90	3.0	#12 Symbiotic	2	
0138.ZAnd	6	10:27	23:33:40	48:49:06	300	90	3.0	#12 Symbiotic	2	

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0139.ZAnd	30	10:28	23:33:40	48:49:06	300	90	3.0	#12 Symbiotic	2	
0140.ZAnd	60	10:29	23:33:40	48:49:06	300	90	3.0	#12 Symbiotic	2	
0141.ZAnd	120	10:30	23:33:40	48:49:06	300	90	3.0	#12 Symbiotic	2	
0142.COMP	12	10:33	23:33:40	48:49:06	300	90	3.0	#12 Symbiotic	2	
0143.snmcg	398	10:40	23:28:23.2	-02:48:17	300	-20	3.0	#2 SN Observat	2	shorten for clouds
0144.COMP	12	10:47	23:28:23.2	-02:48:17	300	-20	3.0	#2 SN Observat	2	clouds everywhere.....
0145-0154.BIAS	0	11:17	23:28:23.2	-02:48:17	300	90	3.0	#6 AGN Monitor	4	
0155-0164.FLAT	6	11:19	23:28:23.2	-02:48:17	300	90	3.0	#6 AGN Monitor	4	
0165-0174.BIAS	0	11:23	23:28:23.2	-02:48:17	300	90	3.0	#6 AGN Monitor	2	
0175-0184.FLAT	12	11:27	23:28:23.2	-02:48:17	300	90	3.0	#6 AGN Monitor	2	
0185-0194.DARK	900	13:45	23:28:23.2	-02:48:17	300	90	3.0	#6 AGN Monitor	2	