

UT Date 2009-09-12 Observers P BerlindColl. Focus 1760 Grating/Grism 300

File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0001-0010.BIAS	0	01:31	17:25:00.0	+32:00:00	300	89	3.0	#57 Velocity S	2	
0011-0025.FLAT	7	01:36	17:25:00.0	+32:00:00	300	89	3.0	#57 Velocity S	2	
0026-0029.DARK	900	02:27	17:25:00.0	+32:00:00	300	89	3.0	#57 Velocity S	2	
0030.CHCyg	5	02:54	19:24:33.0	+50:14:30	300	89	3.0	#12 Symbiotic	2	stop and go through clouds all night
0031.CHCyg	5	02:55	19:24:33.0	+50:14:30	300	89	3.0	#12 Symbiotic	2	
0032.CHCyg	10	02:55	19:24:33.0	+50:14:30	300	89	3.0	#12 Symbiotic	2	
0033.CHCyg	10	02:56	19:24:33.0	+50:14:30	300	89	3.0	#12 Symbiotic	2	
0034.CHCyg	2	02:57	19:24:33.0	+50:14:30	300	89	3.0	#12 Symbiotic	2	
0035.COMP	10	02:57	19:24:33.0	+50:14:30	300	89	3.0	#12 Symbiotic	2	
0036.cygx_fast_1	100	03:01	20:21:22.4	+39:16:53	300	89	3.0	#190 Cygnus X	2	
0037.cygx_fast_2	120	03:04	20:21:23.8	+39:10:40	300	89	3.0	#190 Cygnus X	2	
0038.cygx_fast_4	100	03:07	20:21:26.6	+39:18:36	300	89	3.0	#190 Cygnus X	2	
0039.cygx_fast_5	120	03:10	20:21:28.4	+39:14:35	300	89	3.0	#190 Cygnus X	2	
0040.cygx_fast_6	150	03:12	20:21:31.1	+38:55:44	300	89	3.0	#190 Cygnus X	2	
0041.COMP	10	03:15	20:21:31.1	+38:55:44	300	89	3.0	#190 Cygnus X	2	
0042.cygx_fast_7	180	03:17	20:21:47.0	+38:47:55	300	89	3.0	#190 Cygnus X	2	
0043.cygx_fast_8	151	03:21	20:21:48.9	+39:13:22	300	89	3.0	#190 Cygnus X	2	
0044.cygx_fast_9	180	03:24	20:21:49.0	+39:28:56	300	89	3.0	#190 Cygnus X	2	
0045.cygx_fast_10	180	03:28	20:21:50.7	+38:58:16	300	89	3.0	#190 Cygnus X	2	
0046.cygx_fast_11	361	03:32	20:21:55.3	+39:18:06	300	89	3.0	#190 Cygnus X	2	

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0047.COMP	10	03:39	20:21:55.3	+39:18:06	300	89	3.0	#190 Cygnus X	2	
0048.cygx_fast_12	300	03:41	20:21:56.6	+39:17:35	300	89	3.0	#190 Cygnus X	2	
0049.cygx_fast_13	270	03:46	20:21:59.5	+39:06:15	300	89	3.0	#190 Cygnus X	2	
0050.cygx_fast_14	180	03:52	20:22:07.7	+38:56:30	300	99	3.0	#190 Cygnus X	2	
0051.cygx_fast_15	210	03:55	20:22:34.0	+39:28:56	300	99	3.0	#190 Cygnus X	2	
0052.COMP	10	04:00	20:22:34.0	+39:28:56	300	99	3.0	#190 Cygnus X	2	
0053.cygx_fast_16	240	04:32	20:22:34.8	+39:47:16	300	90	3.0	#190 Cygnus X	2	
0054.cygx_fast_18	240	04:37	20:22:35.3	+39:15:36	300	90	3.0	#190 Cygnus X	2	
0055.cygx_fast_19	180	04:42	20:22:39.6	+39:20:12	300	86	3.0	#190 Cygnus X	2	
0056.cygx_fast_20	180	04:46	20:22:42.2	+39:33:23	300	86	3.0	#190 Cygnus X	2	
0057.cygx_fast_21	130	04:50	20:22:45.7	+39:43:24	300	86	3.0	#190 Cygnus X	2	
0058.COMP	10	04:52	20:22:45.7	+39:43:24	300	86	3.0	#190 Cygnus X	2	
0059.cygx_fast_24	180	04:54	20:22:50.0	+39:18:15	300	89	3.0	#190 Cygnus X	2	
0060.cygx_fast_25	150	04:58	20:22:52.0	+39:40:16	300	89	3.0	#190 Cygnus X	2	
0061.cygx_fast_27	150	05:01	20:22:58.5	+39:36:45	300	89	3.0	#190 Cygnus X	2	
0062.COMP	10	05:10	20:22:59.3	+39:41:56	300	89	3.0	#190 Cygnus X	2	
0063.BDp284211	120	06:02	21:51:11.0	+28:51:50	300	89	3.0	#56 Spectropho	2	
0064.BDp284211	120	06:04	21:51:11.0	+28:51:50	300	89	3.0	#56 Spectropho	2	
0065.BDp284211	120	06:06	21:51:11.0	+28:51:50	300	89	3.0	#56 Spectropho	2	
0066.BDp284211	240	06:09	21:51:11.0	+28:51:50	300	89	3.0	#56 Spectropho	2	

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0067.COMP	10	06:13	21:51:11.0	+28:51:50	300	89	3.0	#56 Spectropho	2	
0068.BDp174708	60	06:15	22:11:31.4	+18:05:34	300	89	3.0	#56 Spectropho	2	
0069.BDp174708	60	06:16	22:11:31.4	+18:05:34	300	89	3.0	#56 Spectropho	2	
0070.BDp174708	180	06:17	22:11:31.4	+18:05:34	300	89	3.0	#56 Spectropho	2	
0071.COMP	10	06:21	22:11:31.4	+18:05:34	300	89	3.0	#56 Spectropho	2	
0072.C234130.9+091931	900	07:23	23:41:30.9	+09:19:31	300	89	3.0	#188 Dwarf C S	2	
0073.COMP	10	07:39	23:41:30.9	+09:19:31	300	89	3.0	#188 Dwarf C S	2	
0074.C230559.3+071902	900	07:44	23:05:59.3	+07:19:03	300	21	3.0	#188 Dwarf C S	2	
0075.COMP	10	08:00	23:05:59.3	+07:19:03	300	21	3.0	#188 Dwarf C S	2	
0076.C234620.0+001356	1200	08:02	23:46:20.0	+00:13:57	300	10	3.0	#188 Dwarf C S	2	
0077.COMP	10	08:23	23:46:20.0	+00:13:57	300	10	3.0	#188 Dwarf C S	2	
0078.C004845.5+135441	900	08:24	00:48:45.5	+13:54:42	300	10	3.0	#188 Dwarf C S	2	
0079.COMP	10	08:39	00:48:45.5	+13:54:42	300	10	3.0	#188 Dwarf C S	2	
0080.C005130.0+160736	1200	08:41	00:51:30.0	+16:07:37	300	10	3.0	#188 Dwarf C S	2	
0081.COMP	10	09:01	00:51:30.0	+16:07:37	300	10	3.0	#188 Dwarf C S	2	
0082.C010633.9+073339	720	09:03	01:06:33.9	+07:33:39	300	10	3.0	#188 Dwarf C S	2	
0083.COMP	10	09:15	01:06:33.9	+07:33:39	300	10	3.0	#188 Dwarf C S	2	
0084.C011803.4+003450	720	09:19	01:18:03.4	+00:34:50	300	10	3.0	#188 Dwarf C S	2	
0085.COMP	10	09:32	01:18:03.4	+00:34:50	300	10	3.0	#188 Dwarf C S	2	
0086.C015723.8+071248	900	09:33	01:57:23.9	+07:12:49	300	10	3.0	#188 Dwarf C S	2	

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0087.COMP	10	09:49	01:57:23.9	+07:12:49	300	10	3.0	#188 Dwarf C S	2	
0088.C015856.7+141236	900	09:51	01:58:56.7	+14:12:37	300	-1	3.0	#188 Dwarf C S	2	dC
0089.COMP	10	10:06	01:58:56.7	+14:12:37	300	-1	3.0	#188 Dwarf C S	2	
0090.C022312.4+063415	1200	10:08	02:23:12.5	+06:34:15	300	-1	3.0	#188 Dwarf C S	2	
0091.COMP	10	10:28	02:23:12.5	+06:34:15	300	-1	3.0	#188 Dwarf C S	2	
0092.sn2009ig	600	10:30	02:38:11.6	-01:18:45	300	-1	3.0	#2 SN Observat	2	
0093.COMP	10	10:41	02:38:11.6	-01:18:45	300	-1	3.0	#2 SN Observat	2	
0094.w5a10771	180	10:44	02:53:59.0	+60:39:59	300	-1	3.0	#190 Cygnus X	2	
0095.COMP	10	10:48	02:53:59.0	+60:39:59	300	-1	3.0	#190 Cygnus X	2	
0096.02531_1705	330	10:49	02:56:57.5	+60:55:02	300	-1	3.0	#190 Cygnus X	2	
0097.COMP	10	10:55	02:56:57.5	+60:55:02	300	-1	3.0	#190 Cygnus X	2	
0098.w5b8979	180	10:56	02:50:47.5	+60:27:05	300	-1	3.0	#190 Cygnus X	2	
0099.COMP	10	11:00	02:50:47.5	+60:27:05	300	-1	3.0	#190 Cygnus X	2	
0100.w5b13212	420	11:01	02:51:14.2	+60:22:29	300	-5	3.0	#190 Cygnus X	2	
0101.COMP	10	11:08	02:51:14.2	+60:22:29	300	-5	3.0	#190 Cygnus X	2	
0102.test	20	11:33	03:04:28.1	+20:23:04	300	90	3.0	#188 Dwarf C S	1	
0103-0112.BIAS	0	11:38	03:04:28.1	+20:23:04	300	90	3.0	#57 Velocity S	2	
0113-0127.FLAT	7	11:44	03:04:28.1	+20:23:04	300	90	3.0	#57 Velocity S	2	
0128-0132.DARK	900	12:51	03:04:28.1	+20:23:04	300	90	3.0	#57 Velocity S	2	