

UT Date 2012-11-19 Observers M CalkinsColl. Focus 1350 Grating/Grism 300

File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0001-0010.DARK	900	01:41	03:33:36.0	-36:07:38	300	89	3.0	0 Calibration	4	
0011-0020.BIAS	0	02:40	03:33:36.0	-36:07:38	300	89	3.0	0 Calibration	4	
0021-0040.FLAT	7	02:56	03:33:36.0	-36:07:38	300	89	3.0	0 Calibration	2	
0041-0050.BIAS	0	03:00	03:33:36.0	-36:07:38	300	89	3.0	0 Calibration	2	
0051.sn2009ip	1800	03:39	22:23:08.3	-28:56:52	300	89	3.0	#2 SN Observat	2	
0052.COMP	10	04:11	22:23:08.3	-28:56:52	300	89	3.0	0 Calibration	2	
0053.PUVu1	2	04:37	20:21:13.0	+21:34:21	300	90	3.0	#12 Symbiotic	2	
0054.PUVu1	15	04:38	20:21:13.0	+21:34:21	300	90	3.0	#12 Symbiotic	2	
0055.PUVu1	80	04:39	20:21:13.0	+21:34:21	300	90	3.0	#12 Symbiotic	2	
0056.COMP	10	04:41	20:21:13.0	+21:34:21	300	89	3.0	0 Calibration	2	
0057.ZAnd	1	04:44	23:33:40.0	+48:49:06	300	89	3.0	#12 Symbiotic	2	
0058.ZAnd	5	04:46	23:33:40.0	+48:49:06	300	89	3.0	#12 Symbiotic	2	
0059.ZAnd	30	04:47	23:33:40.0	+48:49:06	300	89	3.0	#12 Symbiotic	2	
0060.COMP	10	04:48	23:33:40.0	+48:49:06	300	90	3.0	0 Calibration	2	
0061.RAqr	1	04:51	23:43:49.0	-15:17:05	300	90	3.0	#12 Symbiotic	2	
0062.RAqr	5	04:52	23:43:49.0	-15:17:05	300	90	3.0	#12 Symbiotic	2	through clouds
0063.RAqr	10	04:53	23:43:49.0	-15:17:05	300	90	3.0	#12 Symbiotic	2	
0064.COMP	10	04:54	23:43:49.0	-15:17:05	300	90	3.0	0 Calibration	2	
0065.EGAnd	1	04:57	00:44:37.0	+40:40:47	300	90	3.0	#12 Symbiotic	2	
0066.EGAnd	5	04:57	00:44:37.0	+40:40:47	300	90	3.0	#12 Symbiotic	2	

UT Date 2012-11-19 Observers M CalkinsColl. Focus 1350 Grating/Grism 300

File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0067.EGAnd	10	04:58	00:44:37.0	+40:40:47	300	90	3.0	#12 Symbiotic	2	
0068.COMP	10	04:59	00:44:37.0	+40:40:47	300	90	3.0	0 Calibration	2	
0069.AXPer	4	05:01	01:36:23.0	+54:15:03	300	90	3.0	#12 Symbiotic	2	
0070.AXPer	30	05:01	01:36:23.0	+54:15:03	300	90	3.0	#12 Symbiotic	2	
0071.AXPer	90	05:03	01:36:23.0	+54:15:03	300	90	3.0	#12 Symbiotic	2	
0072.COMP	10	05:05	01:36:23.0	+54:15:03	300	89	3.0	0 Calibration	2	
0073.lsq12gdj	1800	05:08	23:54:43.3	-25:40:34	300	100	3.0	#2 SN Observat	2	
0074.COMP	10	05:38	23:54:43.3	-25:40:34	300	99	3.0	0 Calibration	2	
0075.psn0123	1800	06:25	01:23:24.4	+09:25:54	300	80	3.0	#2 SN Observat	2	
0076.COMP	10	06:56	01:23:24.4	+09:25:54	300	80	3.0	0 Calibration	2	
0077.GITau	300	06:58	04:33:34.0	+24:21:18	300	89	3.0	#12 Symbiotic	2	
0078.COMP	10	07:05	04:33:34.0	+24:21:18	300	90	3.0	0 Calibration	2	
0079.GKTau	300	07:06	04:33:34.5	+24:21:07	300	90	3.0	#12 Symbiotic	2	
0080.COMP	10	07:11	04:33:34.5	+24:21:07	300	90	3.0	0 Calibration	2	
0081.sn2012fr	1200	07:14	03:33:36.0	-36:07:38	300	90	3.0	#2 SN Observat	2	
0082.COMP	10	07:34	03:33:36.0	-36:07:38	300	90	3.0	0 Calibration	2	
0083.HD19445	8	07:37	03:08:25.6	+26:19:51	300	90	3.0	#56 Spectropho	2	
0084.COMP	10	07:38	03:08:25.6	+26:19:51	300	90	3.0	0 Calibration	2	
0085.HD19445	20	07:38	03:08:25.6	+26:19:51	300	90	3.0	#56 Spectropho	2	
0086.COMP	10	07:39	03:08:25.6	+26:19:51	300	90	3.0	0 Calibration	2	

UT Date 2012-11-19 Observers M CalkinsColl. Focus 1350 Grating/Grism 300

File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0087.ls12fuk	2400	07:42	04:58:15.9	-16:17:58	300	90	3.0	#2 SN Observat	2	
0088.COMP	10	08:22	04:58:15.9	-16:17:58	300	90	3.0	0 Calibration	2	
0089.BG Gem	360	08:27	06:03:31.0	+27:41:50	300	90	3.0	#12 Symbiotic	2	
0090.COMP	10	08:34	06:03:31.0	+27:41:50	300	90	3.0	0 Calibration	2	
0091.G191B2B	300	08:36	05:05:30.6	+52:49:52	300	85	3.0	#56 Spectropho	2	
0092.COMP	10	08:41	05:05:30.6	+52:49:52	300	88	3.0	0 Calibration	2	
0093.ls12fxd	2400	08:44	05:22:17.0	-25:35:47	300	88	3.0	#2 SN Observat	2	
0094.COMP	10	09:32	05:22:17.0	-25:35:47	300	89	3.0	0 Calibration	2	
0095.BX Mon	25	10:56	07:25:23.0	-03:35:51	300	89	3.0	#12 Symbiotic	2	
0096.BX Mon	240	10:57	07:25:23.0	-03:35:51	300	89	3.0	#12 Symbiotic	2	
0097.COMP	10	11:02	07:25:23.0	-03:35:51	300	90	3.0	0 Calibration	2	
0098.SS129	420	11:04	07:32:45.0	-26:49:16	300	70	3.0	#12 Symbiotic	2	
0099.SS129	420	11:12	07:32:45.0	-26:49:16	300	70	3.0	#12 Symbiotic	2	
0100.COMP	10	11:19	07:32:45.0	-26:49:16	300	71	3.0	0 Calibration	2	
0101-0110.BIAS	0	12:34	10:43:34.0	+24:53:29	300	89	3.0	0 Calibration	2	
0111-0130.FLAT	7	12:42	10:43:34.0	+24:53:29	300	89	3.0	0 Calibration	2	
0131-0140.DARK	900	15:01	10:43:34.0	+24:53:29	300	89	3.0	0 Calibration	2	