

UT Date 2015-01-10 Observers P BerlindColl. Focus 1350 Grating/Grism 300

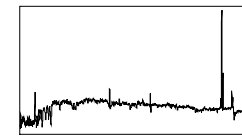
File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0001-0010.BIAS	0	01:13	00:43:17.7	+41:27:46	300	89	3.0	0 Calibration	2	
0011-0025.FLAT	7	01:18	00:43:17.7	+41:27:46	300	89	3.0	0 Calibration	2	
0026.225m280	360	01:50	00:44:29.8	+41:21:25	300	89	3.0	#57 Velocity S	2	
0027.COMP	10	01:56	00:44:29.8	+41:21:25	300	89	3.0	0 Calibration	2	
0028.BRUTUS7032_9	1200	01:59	00:12:01.6	+26:23:37	300	89	3.0	#220 ASASSN Tr	2	
0029.COMP	10	02:27	00:12:01.6	+26:23:37	300	88	3.0	0 Calibration	2	
0030.BRUTUS7032_9	1200	02:35	00:12:01.6	+26:23:37	300	88	3.0	#220 ASASSN Tr	2	
0031.COMP	5	02:55	00:12:01.6	+26:23:37	300	88	3.0	0 Calibration	2	
0032.03591067+4446415	1800	02:59	03:59:10.7	+44:46:42	300	99	3.0	#141 2MASS Red	2	
0033.COMP	10	03:30	03:59:10.7	+44:46:42	300	100	3.0	0 Calibration	2	
0034.snASASSN-141t	1200	03:32	03:11:02.5	-13:06:39	300	90	3.0	#2 SN Observat	2	
0035.snASASSN-141t	1200	03:53	03:11:02.5	-13:06:39	300	90	3.0	#2 SN Observat	2	
0036.snASASSN-141t	1200	04:13	03:11:02.5	-13:06:39	300	90	3.0	#2 SN Observat	2	
0037.COMP	10	04:33	03:11:02.5	-13:06:39	300	91	3.0	0 Calibration	2	
0038.04161229+3706572	1200	04:37	04:16:12.3	+37:06:57	300	91	3.0	#141 2MASS Red	2	
0039.COMP	10	05:01	04:16:12.3	+37:06:57	300	90	3.0	0 Calibration	2	
0040.04202028+4053194	1200	05:55	04:20:20.3	+40:53:19	300	95	3.0	#141 2MASS Red	2	
0041.COMP	10	06:16	04:20:20.3	+40:53:19	300	95	3.0	0 Calibration	2	
0042.04204890+3621094	901	06:18	04:20:48.9	+36:21:09	300	99	3.0	#141 2MASS Red	2	
0043.COMP	10	06:33	04:20:48.9	+36:21:09	300	99	3.0	0 Calibration	2	

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File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0044.04351846+3249000	1200	07:19	04:35:18.5	+32:49:00	300	90	3.0	#141 2MASS Red	2	
0045.COMP	10	07:40	04:35:18.5	+32:49:00	300	91	3.0	0 Calibration	2	
0046.04383307+5542516	1200	07:44	04:38:33.1	+55:42:52	300	81	3.0	#141 2MASS Red	2	
0047.COMP	10	08:05	04:38:33.1	+55:42:52	300	80	3.0	0 Calibration	2	
0048.04522774+5954019	1800	08:27	04:52:27.7	+59:54:02	300	80	3.0	#141 2MASS Red	2	
0049.COMP	10	08:58	04:52:27.7	+59:54:02	300	80	3.0	0 Calibration	2	
0050.04551645+2743044	1500	09:01	04:55:16.5	+27:43:04	300	80	3.0	#141 2MASS Red	2	
0051.COMP	10	09:27	04:55:16.5	+27:43:04	300	80	3.0	0 Calibration	2	
0052.HD84937	30	09:30	09:48:56.1	+13:44:39	300	89	3.0	#56 Spectropho	2	
0053.HD84937	30	09:32	09:48:56.1	+13:44:39	300	89	3.0	#56 Spectropho	2	
0054.COMP	10	09:33	09:48:56.1	+13:44:39	300	89	3.0	0 Calibration	2	
0055.snPSNJ10483231	1800	09:35	10:48:32.3	+26:35:18	300	89	3.0	#2 SN Observat	2	
0056.snPSNJ10483231	1800	10:06	10:48:32.3	+26:35:18	300	89	3.0	#2 SN Observat	2	
0057.COMP	10	10:40	10:48:32.3	+26:35:18	300	88	3.0	0 Calibration	2	
0058.Feige34	180	10:42	10:39:36.7	+43:06:09	300	88	3.0	#56 Spectropho	2	
0059.COMP	10	10:46	10:39:36.7	+43:06:09	300	89	3.0	0 Calibration	2	
0060.snASASSN-141o	1800	10:48	11:51:53.2	+18:32:31	300	89	3.0	#2 SN Observat	2	
0061.snASASSN-141o	1800	11:19	11:51:53.2	+18:32:31	300	89	3.0	#2 SN Observat	2	
0062.COMP	10	11:50	11:51:53.2	+18:32:31	300	90	3.0	0 Calibration	2	
0063.snASASSN-14ms	1200	11:52	13:04:08.7	+52:18:46	300	90	3.0	#220 ASASSN Tr	2	

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<i>File</i>	<i>Exp Time</i>	<i>UT Start</i>	<i>RA</i>	<i>Dec</i>	<i>Gr.</i>	<i>P.A.</i>	<i>Slit</i>	<i>Program</i>	<i>Bin</i>	<i>Comments</i>
0064.snASASSN-14ms	1200	12:13	13:04:08.7	+52:18:46	300	90	3.0	#220 ASASSN Tr	2	
0065.snASASSN-14ms	1200	12:33	13:04:08.7	+52:18:46	300	90	3.0	#220 ASASSN Tr	2	
0066.COMP	10	12:53	13:04:08.7	+52:18:46	300	90	3.0	0 Calibration	2	
0067.snASASSN-14lp	300	12:56	12:45:09.1	-00:27:33	300	90	3.0	#2 SN Observat	2	
0068.snASASSN-14lp	300	13:01	12:45:09.1	-00:27:33	300	90	3.0	#2 SN Observat	2	
0069.snASASSN-14lp	300	13:06	12:45:09.1	-00:27:33	300	90	3.0	#2 SN Observat	2	
0070.COMP	10	13:12	12:45:09.1	-00:27:33	300	90	3.0	0 Calibration	2	
0071-0080.BIAS	0	13:17	12:45:09.1	-00:27:33	300	90	3.0	0 Calibration	2	
0081-0095.FLAT	7	13:23	12:45:09.1	-00:27:33	300	90	3.0	0 Calibration	2	
0096-0100.DARK	1200	14:45	12:45:09.1	-00:27:33	300	90	3.0	0 Calibration	2	

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File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0001-0005.DARK	900	22:24	12:45:09.1	-00:27:33	300	90	3.0	0 Calibration	2	
0006-0010.DARK	900	23:40	12:45:09.1	-00:27:33	300	90	3.0	0 Calibration	4	
0011-0020.BIAS	0	00:20	12:45:09.1	-00:27:33	300	90	3.0	0 Calibration	2	
0021-0035.FLAT	7	00:25	12:45:09.1	-00:27:33	300	90	3.0	0 Calibration	2	
0036.EGAnd	5	03:14	00:44:37.0	+40:40:47	300	90	3.0	#12 Symbiotic	2	
0037.EGAnd	30	03:14	00:44:37.0	+40:40:47	300	90	3.0	#12 Symbiotic	2	
0039.COMP	10	03:16	00:44:37.0	+40:40:47	300	90	3.0	0 Calibration	2	
0040.AXPer	30	03:49	01:36:23.0	+54:15:03	300	90	3.0	#12 Symbiotic	2	
0041.AXPer	90	03:50	01:36:23.0	+54:15:03	300	90	3.0	#12 Symbiotic	2	
0042.AXPer	150	03:52	01:36:23.0	+54:15:03	300	90	3.0	#12 Symbiotic	2	
0043.COMP	10	03:55	01:36:23.0	+54:15:03	300	90	3.0	0 Calibration	2	
0044.ZAnd	10	03:56	23:33:40.0	+48:49:06	300	90	3.0	#12 Symbiotic	2	
0045.ZAnd	5	03:57	23:33:40.0	+48:49:06	300	90	3.0	#12 Symbiotic	2	
0046.ZAnd	30	03:57	23:33:40.0	+48:49:06	300	90	3.0	#12 Symbiotic	2	
0047.ZAnd	60	03:58	23:33:40.0	+48:49:06	300	90	3.0	#12 Symbiotic	2	
0048.COMP	10	04:00	23:33:40.0	+48:49:06	300	90	3.0	0 Calibration	2	
0049.snASASSN-15ak	900	04:01	00:12:01.6	+26:23:37	300	90	3.0	#220 ASASSN Tr	2	
0050.snASASSN-15ak	900	04:16	00:12:01.6	+26:23:37	300	90	3.0	#220 ASASSN Tr	2	
0051.snASASSN-15ak	900	04:32	00:12:01.6	+26:23:37	300	90	3.0	#220 ASASSN Tr	2	
0052.COMP	10	04:47	00:12:01.6	+26:23:37	300	90	3.0	0 Calibration	2	

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File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0053.CometLovejoy.2014Q2	60	04:50	03:53:52.0	+05:31:05	300	90	3.0	#99 Other Falc	2	
0054.CometLovejoy.2014Q2	60	04:51	03:53:52.0	+05:31:05	300	90	3.0	#99 Other Falc	2	
0055.CometLovejoy.SKY	60	04:53	03:53:52.0	+05:31:05	300	90	3.0	#99 Other Falc	2	offset sky
0056.COMP	10	04:54	03:53:52.0	+05:31:05	300	90	3.0	0 Calibration	2	
0057.FLAT	12	04:59	05:30:00.0	+32:00:00	600	90	1.5	0 Calibration	4	600-line 445, 1.5-sec
0058-0066.FLAT	12	05:02	05:30:00.0	+32:00:00	600	90	1.5	0 Calibration	4	
0067.COMP	10	05:06	06:19:38.2	+63:56:56	600	95	1.5	0 Calibration	4	
0068.j0619p63	720	05:06	06:19:38.2	+63:56:56	600	95	1.5	#178 Low Mass	4	
0069.COMP	10	05:19	06:19:38.2	+63:56:56	600	95	1.5	0 Calibration	4	
0070.j0619p63	720	05:19	06:19:38.2	+63:56:56	600	95	1.5	#178 Low Mass	4	
0071.COMP	10	05:32	06:19:38.2	+63:56:56	600	95	1.5	0 Calibration	4	
0072.j0619p63	720	05:32	06:19:38.2	+63:56:56	600	95	1.5	#178 Low Mass	4	
0073.COMP	10	05:45	06:19:38.2	+63:56:56	600	95	1.5	0 Calibration	4	
0074.j0619p63	720	05:45	06:19:38.2	+63:56:56	600	95	1.5	#178 Low Mass	4	
0075.COMP	10	05:58	06:19:38.2	+63:56:56	600	95	1.5	0 Calibration	4	
0076.j0736	1000	06:01	07:36:16.2	+16:22:56	600	95	1.5	#178 Low Mass	4	
0077.COMP	10	06:18	07:36:16.2	+16:22:56	600	95	1.5	0 Calibration	4	
0078.j0736	1000	06:19	07:36:16.2	+16:22:56	600	95	1.5	#178 Low Mass	4	
0079.COMP	10	06:36	07:36:16.2	+16:22:56	600	95	1.5	0 Calibration	4	
0080.j0736	1000	06:36	07:36:16.2	+16:22:56	600	95	1.5	#178 Low Mass	4	

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File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0081.COMP	10	06:54	07:36:16.2	+16:22:56	600	95	1.5	0 Calibration	4	
0082.j0736	1000	06:54	07:36:16.2	+16:22:56	600	95	1.5	#178 Low Mass	4	
0083.COMP	10	07:12	07:36:16.2	+16:22:56	600	95	1.5	0 Calibration	4	
0084.hotwd079	900	07:15	08:01:15.1	+10:20:45	600	95	1.5	#178 Low Mass	4	
0085.COMP	10	07:31	08:01:15.1	+10:20:45	600	95	1.5	0 Calibration	4	
0086.hotwd079	900	07:32	08:01:15.1	+10:20:45	600	95	1.5	#178 Low Mass	4	
0087.COMP	10	07:48	08:01:15.1	+10:20:45	600	95	1.5	0 Calibration	4	
0088.hotwd079	900	07:49	08:01:15.1	+10:20:45	600	95	1.5	#178 Low Mass	4	
0089.COMP	10	08:05	08:01:15.1	+10:20:45	600	95	1.5	0 Calibration	4	
0090.hotwd079	900	08:05	08:01:15.1	+10:20:45	600	95	1.5	#178 Low Mass	4	
0091.COMP	10	08:21	08:01:15.1	+10:20:45	600	95	1.5	0 Calibration	4	
0092.Feige34	200	08:24	10:39:36.7	+43:06:09	600	90	1.5	#56 Spectropho	4	
0093.COMP	10	08:27	10:39:36.7	+43:06:09	600	90	1.5	0 Calibration	4	
0094-0103.BIAS	0	09:46	10:39:36.7	+43:06:09	600	90	1.5	0 Calibration	4	
0104.bcand848	1500	09:59	09:12:08.9	+46:16:43	600	90	1.5	#178 Low Mass	4	
0105.COMP	10	10:24	09:12:08.9	+46:16:43	600	90	1.5	0 Calibration	4	
0106.bcand848	1500	10:25	09:12:08.9	+46:16:43	600	90	1.5	#178 Low Mass	4	
0107.COMP	10	10:50	09:12:08.9	+46:16:43	600	90	1.5	0 Calibration	4	
0108.bcand848	1500	10:51	09:12:08.9	+46:16:43	600	90	1.5	#178 Low Mass	4	
0109.COMP	10	11:16	09:12:08.9	+46:16:43	600	90	1.5	0 Calibration	4	

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0110.bcand848	1500	11:17	09:12:08.9	+46:16:43	600	90	1.5	#178 Low Mass	4	
0111.COMP	10	11:42	09:12:08.9	+46:16:43	600	90	1.5	0 Calibration	4	
0112.lmwd541	840	11:44	13:55:12.3	+19:56:45	600	90	1.5	#178 Low Mass	4	stopped by clouds
0113.COMP	10	11:59	13:55:12.3	+19:56:45	600	90	1.5	0 Calibration	4	
0118.snASASSN-14lp	300	12:26	12:45:09.1	-00:27:33	300	90	3.0	#2 SN Observat	2	300-line, 3-sec
0119.snASASSN-14lp	300	12:32	12:45:09.1	-00:27:33	300	90	3.0	#2 SN Observat	2	
0120.snASASSN-14lp	300	12:37	12:45:09.1	-00:27:33	300	90	3.0	#2 SN Observat	2	
0121.COMP	10	12:43	12:45:09.1	-00:27:33	300	90	3.0	0 Calibration	2	
0122.Feige34	200	12:45	10:39:36.7	+43:06:09	300	90	3.0	#56 Spectropho	2	
0123.COMP	10	12:48	10:39:36.7	+43:06:09	300	90	3.0	0 Calibration	2	
0124.snPSNJ09411555	974	12:50	09:41:15.6	+35:53:17	300	90	3.0	#2 SN Observat	2	
0125.COMP	10	13:07	09:41:15.6	+35:53:17	300	91	3.0	0 Calibration	2	
0126.BDp262606	100	13:10	14:49:02.4	+25:42:09	300	91	3.0	#56 Spectropho	2	
0127.COMP	10	13:12	14:49:02.4	+25:42:09	300	91	3.0	0 Calibration	2	
0128-0137.BIAS	0	13:17	14:49:02.4	+25:42:09	300	91	3.0	0 Calibration	2	
0138-0152.FLAT	7	13:22	14:49:02.4	+25:42:09	300	91	3.0	0 Calibration	2	

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<i>File</i>	<i>Exp Time</i>	<i>UT Start</i>	<i>RA</i>	<i>Dec</i>	<i>Gr.</i>	<i>P.A.</i>	<i>Slit</i>	<i>Program</i>	<i>Bin</i>	<i>Comments</i>
0001-0010.DARK	900	01:43	01:53:38.8	+31:26:05	300	88	3.0	0 Calibration	4	
0011-0020.BIAS	0	06:33	01:53:38.8	+31:26:05	300	88	3.0	0 Calibration	4	
0021-0040.FLAT	7	09:23	01:53:38.8	+31:26:05	300	88	3.0	0 Calibration	2	
0041-0050.BIAS	0	10:04	01:53:38.8	+31:26:05	300	88	3.0	0 Calibration	2	
0051.HD84937	30	10:42	09:48:56.1	+13:44:39	300	88	3.0	#56 Spectropho	2	
0052.COMP	10	10:42	09:48:56.1	+13:44:39	300	88	3.0	0 Calibration	2	
0053.Feige34	120	10:44	10:39:36.7	+43:06:09	300	88	3.0	#56 Spectropho	2	
0054.COMP	10	10:47	10:39:36.7	+43:06:09	300	89	3.0	0 Calibration	2	
0055.snASASSN-14ms	1800	10:50	13:04:08.7	+52:18:46	300	89	3.0	#220 ASASSN Tr	2	
0056.COMP	10	11:21	13:04:08.7	+52:18:46	300	89	3.0	0 Calibration	2	
0057-0066.DARK	900	15:25	10:49:58.2	+17:42:02	300	89	3.0	0 Calibration	2	

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File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0001-0007.DARK	900	00:41	10:49:58.2	+17:42:02	300	89	3.0	0 Calibration	4	
0008-0017.BIAS	0	01:10	10:49:58.2	+17:42:02	300	89	3.0	0 Calibration	4	
0018-0037.FLAT	7	01:23	10:49:58.2	+17:42:02	300	89	3.0	0 Calibration	2	
0038-0047.BIAS	0	01:26	10:49:58.2	+17:42:02	300	89	3.0	0 Calibration	2	
0048.snASASSN-15ak	1500	01:45	00:12:01.6	+26:23:37	300	89	3.0	#220 ASASSN Tr	2	
0049.COMP	10	02:11	00:12:01.6	+26:23:37	300	89	3.0	0 Calibration	2	
0050.anASASSN-15ar	1800	02:17	02:28:20.4	+10:23:04	300	61	3.0	#220 ASASSN Tr	2	
0051.COMP	10	02:48	02:28:20.4	+10:23:04	300	61	3.0	0 Calibration	2	
0053.COMP	5	02:59	00:42:44.3	+41:16:09	300	90	3.0	0 Calibration	2	
0054.M31	60	03:02	00:42:44.3	+41:16:09	300	90	3.0	#57 Velocity S	2	
0055.COMP	10	03:03	00:42:44.3	+41:16:09	300	90	3.0	0 Calibration	2	
0056.WHSS000319+082914	2400	03:05	00:03:19.0	+08:29:14	300	91	3.0	#221 Bright Hi	2	
0057.COMP	10	03:46	00:03:19.0	+08:29:14	300	90	3.0	0 Calibration	2	
0058.WHSS010043+312059	1200	03:48	01:00:43.4	+31:20:59	300	90	3.0	#221 Bright Hi	2	
0059.COMP	10	04:08	01:00:43.4	+31:20:59	300	90	3.0	0 Calibration	2	
0060.WHSS010154+334404	780	04:10	01:01:54.5	+33:44:05	300	90	3.0	#221 Bright Hi	2	
0061.COMP	10	04:24	01:01:54.5	+33:44:05	300	90	3.0	0 Calibration	2	
0062.WHSS005747+261449	1800	04:27	00:57:47.5	+26:14:50	300	90	3.0	#221 Bright Hi	2	
0063.COMP	10	04:57	00:57:47.5	+26:14:50	300	90	3.0	0 Calibration	2	
0064.HD19445	10	05:00	03:08:25.6	+26:19:51	300	90	3.0	#56 Spectropho	2	

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File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0065.COMP	10	05:00	03:08:25.6	+26:19:51	300	90	3.0	0 Calibration	2	
0066.WHSS020845+031850	780	05:03	02:08:45.1	+03:18:51	300	90	3.0	#221 Bright Hi	2	
0067.COMP	10	05:16	02:08:45.1	+03:18:51	300	90	3.0	0 Calibration	2	
0068.WHSS021507+145030	1200	05:23	02:15:07.2	+14:50:30	300	90	3.0	#221 Bright Hi	2	
0069.COMP	10	05:44	02:15:07.2	+14:50:30	300	90	3.0	0 Calibration	2	
0070.WHSS021734+043941	1500	05:47	02:17:34.1	+04:39:41	300	70	3.0	#221 Bright Hi	2	
0071.COMP	10	06:12	02:17:34.1	+04:39:41	300	70	3.0	0 Calibration	2	
0072.GITau	240	06:15	04:33:34.0	+24:21:18	300	90	3.0	#12 Symbiotic	2	
0073.COMP	10	06:19	04:33:34.0	+24:21:18	300	90	3.0	0 Calibration	2	
0074.GKTau	240	06:22	04:33:34.5	+24:21:07	300	90	3.0	#12 Symbiotic	2	
0075.COMP	10	06:26	04:33:34.5	+24:21:07	300	90	3.0	0 Calibration	2	
0076.G191B2B	300	06:29	05:05:30.6	+52:49:52	300	90	3.0	#56 Spectropho	2	
0077.COMP	10	06:35	05:05:30.6	+52:49:52	300	87	3.0	0 Calibration	2	
0078.BGGem	420	06:39	06:03:31.0	+27:41:50	300	87	3.0	#12 Symbiotic	2	
0079.COMP	10	06:46	06:03:31.0	+27:41:50	300	89	3.0	0 Calibration	2	
0080.BXMon	15	06:49	07:25:23.0	-03:35:51	300	89	3.0	#12 Symbiotic	2	
0081.BXMon	240	06:50	07:25:23.0	-03:35:51	300	89	3.0	#12 Symbiotic	2	
0082.COMP	10	06:54	07:25:23.0	-03:35:51	300	88	3.0	0 Calibration	2	
0083.SS129	300	06:56	07:32:45.0	-26:49:16	300	88	3.0	#12 Symbiotic	2	
0084.SS129	300	07:01	07:32:45.0	-26:49:16	300	88	3.0	#12 Symbiotic	2	

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File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0085.COMP	10	07:07	07:32:45.0	-26:49:16	300	90	3.0	0 Calibration	2	
0086.snASASSN-15as	1800	07:10	09:39:16.6	+06:25:49	300	90	3.0	#220 ASASSN Tr	2	
0087.COMP	10	07:41	09:39:16.6	+06:25:49	300	88	3.0	0 Calibration	2	
0088-0097.FLAT	12	07:49	09:39:16.6	+06:25:49	600	88	1.5	0 Calibration	4	
0098.j0736	1020	07:52	07:36:16.2	+16:22:56	600	88	1.5	#178 Low Mass	4	
0099.j0736	1020	08:09	07:36:16.2	+16:22:56	600	88	1.5	#178 Low Mass	4	
0100.j0736	1020	08:26	07:36:16.2	+16:22:56	600	88	1.5	#178 Low Mass	4	
0101.j0736	1020	08:43	07:36:16.2	+16:22:56	600	88	1.5	#178 Low Mass	4	
0102.COMP	10	09:05	07:36:16.2	+16:22:56	600	89	1.5	0 Calibration	4	
0103.wd0752	1500	09:10	07:56:10.4	+41:04:54	600	90	1.5	#178 Low Mass	4	
0104.wd0752	1500	09:35	07:56:10.4	+41:04:54	600	90	1.5	#178 Low Mass	4	
0105.wd0752	1500	10:01	07:56:10.4	+41:04:54	600	90	1.5	#178 Low Mass	4	
0106.wd0752	1500	10:26	07:56:10.4	+41:04:54	600	89	1.5	#178 Low Mass	4	
0107.COMP	10	10:51	07:56:10.4	+41:04:54	600	90	1.5	0 Calibration	4	
0108.bcand537	1500	10:57	11:30:56.6	+12:49:51	600	60	1.5	#178 Low Mass	4	
0109.bcand537	1500	11:22	11:30:56.6	+12:49:51	600	60	1.5	#178 Low Mass	4	
0110.bcand537	1500	11:47	11:30:56.6	+12:49:51	600	60	1.5	#178 Low Mass	4	
0111.bcand537	1500	12:13	11:30:56.6	+12:49:51	600	60	1.5	#178 Low Mass	4	
0112.COMP	10	12:39	11:30:56.6	+12:49:51	600	60	1.5	0 Calibration	4	
0113.COMP	5	12:42	11:30:56.6	+12:49:51	300	60	3.0	0 Calibration	4	test

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<i>File</i>	<i>Exp Time</i>	<i>UT Start</i>	<i>RA</i>	<i>Dec</i>	<i>Gr.</i>	<i>P.A.</i>	<i>Slit</i>	<i>Program</i>	<i>Bin</i>	<i>Comments</i>
0114.snASASSN-14ms	1800	12:46	13:04:08.7	+52:18:46	300	92	3.0	#220 ASASSN Tr	2	
0115.COMP	10	13:16	13:04:08.7	+52:18:46	300	92	3.0	0 Calibration	2	
0116-0125.BIAS	0	13:28	11:08:37.6	-10:14:58	300	93	3.0	0 Calibration	2	
0126-0145.FLAT	7	13:34	11:08:37.6	-10:14:58	300	93	3.0	0 Calibration	2	
0146-0153.DARK	900	15:24	11:08:37.6	-10:14:58	300	93	3.0	0 Calibration	2	

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File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0001-0010.BIAS	0	01:17	01:27:58.7	+31:25:50	300	93	3.0	0 Calibration	2	
0011-0025.FLAT	7	01:22	01:27:58.7	+31:25:50	300	93	3.0	0 Calibration	2	
0026.snASASSN-15ak	900	01:53	00:12:01.6	+26:23:37	300	93	3.0	#220 ASASSN Tr	2	
0027.snASASSN-15ak	900	02:08	00:12:01.6	+26:23:37	300	93	3.0	#220 ASASSN Tr	2	
0028.snASASSN-15ak	900	02:23	00:12:01.6	+26:23:37	300	93	3.0	#220 ASASSN Tr	2	
0029.COMP	10	02:38	00:12:01.6	+26:23:37	300	92	3.0	0 Calibration	2	
0030.05400089+4921163	1200	06:32	05:40:00.9	+49:21:16	300	92	3.0	#141 2MASS Red	2	
0031.COMP	10	06:54	05:40:00.9	+49:21:16	300	92	3.0	0 Calibration	2	
0032.05400089+4921163	1200	06:54	05:40:00.9	+49:21:16	300	92	3.0	#141 2MASS Red	2	
0033.COMP	10	07:15	05:40:00.9	+49:21:16	300	91	3.0	0 Calibration	2	
0034.05403550+4347487	1200	07:16	05:40:35.5	+43:47:49	300	91	3.0	#141 2MASS Red	2	
0035.COMP	10	07:38	05:40:35.5	+43:47:49	300	91	3.0	0 Calibration	2	
0036.05491900+4654287	900	07:40	05:49:19.0	+46:54:29	300	92	3.0	#141 2MASS Red	2	
0037.COMP	10	07:56	05:49:19.0	+46:54:29	300	92	3.0	0 Calibration	2	
0038.snASASSN-15as	1200	07:58	09:39:16.6	+06:25:49	300	92	3.0	#220 ASASSN Tr	2	
0039.snASASSN-15as	1200	08:18	09:39:16.6	+06:25:49	300	92	3.0	#220 ASASSN Tr	2	
0040.snASASSN-15as	1200	08:38	09:39:16.6	+06:25:49	300	92	3.0	#220 ASASSN Tr	2	
0041.COMP	10	08:59	09:39:16.6	+06:25:49	300	87	3.0	0 Calibration	2	
0042.HD84937	40	09:01	09:48:56.1	+13:44:39	300	87	3.0	#56 Spectropho	2	
0043.COMP	10	09:02	09:48:56.1	+13:44:39	300	87	3.0	0 Calibration	2	

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File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0044.snASASSN-15az	1200	09:04	11:08:37.6	-10:14:58	300	87	3.0	#220 ASASSN Tr	2	
0045.snASASSN-15az	1200	09:24	11:08:37.6	-10:14:58	300	87	3.0	#220 ASASSN Tr	2	
0046.snASASSN-15az	1200	09:44	11:08:37.6	-10:14:58	300	87	3.0	#220 ASASSN Tr	2	
0047.COMP	10	10:05	11:08:37.6	-10:14:58	300	90	3.0	0 Calibration	2	
0048.Feige34	200	10:08	10:39:36.7	+43:06:09	300	90	3.0	#56 Spectropho	2	
0049.COMP	10	10:13	10:39:36.7	+43:06:09	300	91	3.0	0 Calibration	2	
0050.Pbcg045	1200	10:17	10:52:46.4	+16:59:41	300	91	3.0	#210 Brightest	2	
0051.COMP	10	10:38	10:52:46.4	+16:59:41	300	91	3.0	0 Calibration	2	
0052.snASASSN-14lp	300	10:41	12:45:09.1	-00:27:33	300	92	3.0	#2 SN Observat	2	
0053.snASASSN-14lp	300	10:46	12:45:09.1	-00:27:33	300	92	3.0	#2 SN Observat	2	
0054.snASASSN-14lp	300	10:51	12:45:09.1	-00:27:33	300	92	3.0	#2 SN Observat	2	
0055.COMP	10	10:57	12:45:09.1	-00:27:33	300	92	3.0	0 Calibration	2	
0056.snBRUTUS7038_7	1200	11:02	14:04:55.1	+08:55:13	300	92	3.0	#220 ASASSN Tr	2	
0057.snBRUTUS7038_7	1200	11:23	14:04:55.1	+08:55:13	300	92	3.0	#220 ASASSN Tr	2	
0058.snBRUTUS7038_7	1200	11:44	14:04:55.1	+08:55:13	300	92	3.0	#220 ASASSN Tr	2	
0059.COMP	10	12:04	14:04:55.1	+08:55:13	300	92	3.0	0 Calibration	2	
0060.rmbcg017	1500	12:07	15:00:53.7	+47:13:37	300	92	3.0	#210 Brightest	2	
0061.COMP	10	12:33	15:00:53.7	+47:13:37	300	90	3.0	0 Calibration	2	
0062.rmbcg018	1200	12:34	15:00:55.4	+47:17:48	300	90	3.0	#210 Brightest	2	
0063.COMP	10	12:55	15:00:55.4	+47:17:48	300	91	3.0	0 Calibration	2	

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<i>File</i>	<i>Exp Time</i>	<i>UT Start</i>	<i>RA</i>	<i>Dec</i>	<i>Gr.</i>	<i>P.A.</i>	<i>Slit</i>	<i>Program</i>	<i>Bin</i>	<i>Comments</i>
0064.rmbcg019	480	12:57	15:01:07.9	+47:16:35	300	91	3.0	#210 Brightest	2	
0065.COMP	10	13:05	15:01:07.9	+47:16:35	300	91	3.0	0 Calibration	2	
0066.rmbcg020	540	13:06	15:01:12.1	+47:16:23	300	91	3.0	#210 Brightest	2	
0067.COMP	10	13:16	15:01:12.1	+47:16:23	300	91	3.0	0 Calibration	2	
0068-0077.BIAS	0	13:22	15:01:12.1	+47:16:23	300	91	3.0	0 Calibration	2	
0078-0092.FLAT	7	13:28	15:01:12.1	+47:16:23	300	91	3.0	0 Calibration	2	
0093-0097.DARK	1200	14:50	15:01:12.1	+47:16:23	300	91	3.0	0 Calibration	2	

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File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0001-0010.BIAS	0	00:43	15:01:12.1	+47:16:23	300	91	3.0	0 Calibration	2	
0011.FLAT	7	00:43	15:01:12.1	+47:16:23	300	91	3.0	0 Calibration	2	300-line, 3-sec
0012-0025.FLAT	7	00:48	15:01:12.1	+47:16:23	300	91	3.0	0 Calibration	2	
0026.AWI00062gs	10	01:36	23:05:33.0	+14:57:32	300	90	3.0	#219 Disk Dete	2	
0027.AWI00062gs	10	01:36	23:05:33.0	+14:57:32	300	90	3.0	#219 Disk Dete	2	
0028.COMP	10	01:36	23:05:33.0	+14:57:32	300	90	3.0	0 Calibration	2	
0029.AWI0005mry	25	01:40	00:34:12.7	+54:03:59	300	90	3.0	#219 Disk Dete	2	
0030.AWI0005mry	25	01:41	00:34:12.7	+54:03:59	300	90	3.0	#219 Disk Dete	2	
0031.COMP	10	01:42	00:34:12.7	+54:03:59	300	90	3.0	0 Calibration	2	
0032.AWI0003cp6	120	01:43	23:56:52.3	+61:13:38	300	90	3.0	#219 Disk Dete	2	
0033.AWI0003cp6	120	01:46	23:56:52.3	+61:13:38	300	90	3.0	#219 Disk Dete	2	
0034.AWI0003cp6	120	01:48	23:56:52.3	+61:13:38	300	90	3.0	#219 Disk Dete	2	
0035.COMP	10	01:50	23:56:52.3	+61:13:38	300	90	3.0	0 Calibration	2	
0036.snASASSN-15ak	600	01:52	00:12:01.6	+26:23:37	300	90	3.0	#220 ASASSN Tr	2	
0037.snASASSN-15ak	600	02:03	00:12:01.6	+26:23:37	300	90	3.0	#220 ASASSN Tr	2	
0038.snASASSN-15ak	600	02:13	00:12:01.6	+26:23:37	300	90	3.0	#220 ASASSN Tr	2	
0039.COMP	10	02:23	00:12:01.6	+26:23:37	300	89	3.0	0 Calibration	2	
0040.snASASSN-15ar	900	02:25	02:28:20.4	+10:23:04	300	89	3.0	#220 ASASSN Tr	2	
0041.snASASSN-15ar	900	02:40	02:28:20.4	+10:23:04	300	89	3.0	#220 ASASSN Tr	2	
0042.snASASSN-15ar	900	02:55	02:28:20.4	+10:23:04	300	89	3.0	#220 ASASSN Tr	2	

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File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0043.COMP	10	03:11	02:28:20.4	+10:23:04	300	90	3.0	0 Calibration	2	
0044.BIAS	0	03:14	04:00:00.0	+32:00:00	600	90	1.5	0 Calibration	4	
0045.COMP	10	03:16	00:35:08.3	+13:50:45	600	90	1.5	0 Calibration	4	600-line, 1.5-sec, 445
0046.j0035p13	1000	03:17	00:35:08.3	+13:50:45	600	90	1.5	#178 Low Mass	4	
0047.COMP	10	03:35	00:35:08.3	+13:50:45	600	90	1.5	0 Calibration	4	
0048.j0035p13	1000	03:36	00:35:08.3	+13:50:45	600	90	1.5	#178 Low Mass	4	
0049.COMP	10	03:53	00:35:08.3	+13:50:45	600	90	1.5	0 Calibration	4	
0050.j0035p13	1000	03:54	00:35:08.3	+13:50:45	600	90	1.5	#178 Low Mass	4	
0051.COMP	10	04:12	00:35:08.3	+13:50:45	600	90	1.5	0 Calibration	4	
0052.j0035p13	1000	04:13	00:35:08.3	+13:50:45	600	90	1.5	#178 Low Mass	4	
0053.COMP	10	04:30	00:35:08.3	+13:50:45	600	90	1.5	0 Calibration	4	
0054.hss239	900	04:33	03:21:54.6	-00:39:38	600	90	1.5	#178 Low Mass	4	
0055.COMP	10	04:48	03:21:54.6	-00:39:38	600	90	1.5	0 Calibration	4	
0056.G191B2B	300	04:51	05:05:30.6	+52:49:52	600	90	1.5	#56 Spectropho	4	
0057.COMP	10	04:57	05:05:30.6	+52:49:52	600	90	1.5	0 Calibration	4	
0058-0067.FLAT	12	05:02	05:30:00.0	+32:00:00	600	90	1.5	0 Calibration	4	
0068.j0916p20	1500	05:05	09:16:01.9	+20:07:58	600	90	1.5	#178 Low Mass	4	
0069.COMP	10	05:30	09:16:01.9	+20:07:58	600	90	1.5	0 Calibration	4	
0070.j0916p20	1500	05:31	09:16:01.9	+20:07:58	600	90	1.5	#178 Low Mass	4	
0071.COMP	10	05:57	09:16:01.9	+20:07:58	600	90	1.5	0 Calibration	4	

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File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0072.j0916p20	1500	05:57	09:16:01.9	+20:07:58	600	90	1.5	#178 Low Mass	4	
0073.COMP	10	06:23	09:16:01.9	+20:07:58	600	90	1.5	0 Calibration	4	
0074.j0916p20	1500	06:24	09:16:01.9	+20:07:58	600	90	1.5	#178 Low Mass	4	
0075.COMP	10	06:51	09:16:01.9	+20:07:58	600	87	1.5	0 Calibration	4	
0076.bcand472	1500	06:54	09:42:00.1	+31:29:20	600	99	1.5	#178 Low Mass	4	
0077.COMP	10	07:19	09:42:00.1	+31:29:20	600	99	1.5	0 Calibration	4	
0078.bcand472	1500	07:20	09:42:00.1	+31:29:20	600	99	1.5	#178 Low Mass	4	
0079.COMP	10	07:45	09:42:00.1	+31:29:20	600	99	1.5	0 Calibration	4	
0080.bcand472	1500	07:46	09:42:00.1	+31:29:20	600	99	1.5	#178 Low Mass	4	
0081.COMP	10	08:11	09:42:00.1	+31:29:20	600	99	1.5	0 Calibration	4	
0082.bcand472	1500	08:12	09:42:00.1	+31:29:20	600	99	1.5	#178 Low Mass	4	
0083.COMP	10	08:37	09:42:00.1	+31:29:20	600	99	1.5	0 Calibration	4	
0084.bcand537	1200	08:40	11:30:56.6	+12:49:51	600	86	1.5	#178 Low Mass	4	
0085.COMP	10	09:00	11:30:56.6	+12:49:51	600	86	1.5	0 Calibration	4	
0086.bcand537	1200	09:01	11:30:56.6	+12:49:51	600	86	1.5	#178 Low Mass	4	
0087.COMP	10	09:21	11:30:56.6	+12:49:51	600	86	1.5	0 Calibration	4	
0088.bcand537	1200	09:22	11:30:56.6	+12:49:51	600	86	1.5	#178 Low Mass	4	
0089.COMP	10	09:42	11:30:56.6	+12:49:51	600	86	1.5	0 Calibration	4	
0090.bcand537	1200	09:43	11:30:56.6	+12:49:51	600	86	1.5	#178 Low Mass	4	
0091.COMP	10	10:04	11:30:56.6	+12:49:51	600	86	1.5	0 Calibration	4	

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File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0092.Feige34	180	10:05	10:39:36.7	+43:06:09	600	89	1.5	#56 Spectropho	4	
0093.COMP	10	10:09	10:39:36.7	+43:06:09	600	89	1.5	0 Calibration	4	
0094.test	10	10:12	11:00:00.0	+32:00:00	300	89	3.0	#56 Spectropho	2	
0095.test	10	10:14	11:00:00.0	+32:00:00	300	89	3.0	#56 Spectropho	2	
0096.HD84937	30	10:17	09:48:56.1	+13:44:39	300	89	3.0	#56 Spectropho	2	300-line, 3-sec
0097.COMP	10	10:18	09:48:56.1	+13:44:39	300	89	3.0	0 Calibration	2	
0098.snASASSN-15as	1200	10:20	09:39:16.6	+06:25:49	300	89	3.0	#220 ASASSN Tr	2	
0099.snASASSN-15as	1200	10:40	09:39:16.6	+06:25:49	300	90	3.0	#220 ASASSN Tr	2	
0100.snASASSN-15as	1200	11:00	09:39:16.6	+06:25:49	300	90	3.0	#220 ASASSN Tr	2	
0101.COMP	10	11:20	09:39:16.6	+06:25:49	300	90	3.0	0 Calibration	2	
0102.Feige34	180	11:22	10:39:36.7	+43:06:09	300	90	3.0	#56 Spectropho	2	
0103.COMP	10	11:26	10:39:36.7	+43:06:09	300	90	3.0	0 Calibration	2	
0104.snASASSN-15az	1200	11:28	11:08:37.6	-10:14:58	300	90	3.0	#220 ASASSN Tr	2	
0105.snASASSN-15az	1200	11:50	11:08:37.6	-10:14:58	300	90	3.0	#220 ASASSN Tr	2	
0106.snASASSN-15az	1200	12:10	11:08:37.6	-10:14:58	300	90	3.0	#220 ASASSN Tr	2	
0107.COMP	10	12:31	11:08:37.6	-10:14:58	300	89	3.0	0 Calibration	2	
0108.snASASSN-14lp	300	12:32	12:45:09.1	-00:27:33	300	89	3.0	#2 SN Observat	2	
0109.COMP	10	12:37	12:45:09.1	-00:27:33	300	89	3.0	0 Calibration	2	
0110.snBRUTUS7038_7	720	12:40	14:04:55.1	+08:55:13	300	89	3.0	#220 ASASSN Tr	2	
0111.snBRUTUS7038_7	720	12:52	14:04:55.1	+08:55:13	300	89	3.0	#220 ASASSN Tr	2	

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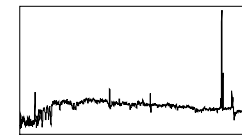
File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0112.snBRUTUS7038_7	720	13:04	14:04:55.1	+08:55:13	300	89	3.0	#220 ASASSN Tr	2	
0113.COMP	10	13:17	14:04:55.1	+08:55:13	300	90	3.0	0 Calibration	2	
0114.RWHya	10	13:19	13:34:18.0	-25:22:51	300	90	3.0	#12 Symbiotic	2	
0115.RWHya	20	13:19	13:34:18.0	-25:22:51	300	90	3.0	#12 Symbiotic	2	
0116.RWHya	3	13:20	13:34:18.0	-25:22:51	300	90	3.0	#12 Symbiotic	2	
0117.COMP	10	13:21	13:34:18.0	-25:22:51	300	90	3.0	0 Calibration	2	
0118.TXCVn	60	13:23	12:44:42.0	+36:45:48	300	90	3.0	#12 Symbiotic	2	
0119.TXCVn	60	13:25	12:44:42.0	+36:45:48	300	90	3.0	#12 Symbiotic	2	
0120.COMP	10	13:26	12:44:42.0	+36:45:48	300	90	3.0	0 Calibration	2	
0121-0130.BIAS	0	13:31	12:44:42.0	+36:45:48	300	90	3.0	0 Calibration	2	
0131-0145.FLAT	7	13:36	12:44:42.0	+36:45:48	300	90	3.0	0 Calibration	2	
0146-0155.BIAS	0	13:39	12:44:42.0	+36:45:48	300	90	3.0	0 Calibration	4	
0156-0160.DARK	900	14:41	12:44:42.0	+36:45:48	300	90	3.0	0 Calibration	2	
0161-0165.DARK	900	15:58	12:44:42.0	+36:45:48	300	90	3.0	0 Calibration	4	

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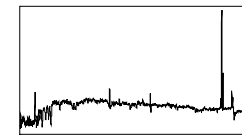
File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0001-0005.DARK	900	00:24	12:44:42.0	+36:45:48	300	90	3.0	0 Calibration	4	
0006.COMP	10	00:42	12:44:42.0	+36:45:48	300	90	3.0	0 Calibration	2	
0007-0016.BIAS	0	00:46	12:44:42.0	+36:45:48	300	90	3.0	0 Calibration	2	
0017.COMP	10	00:57	01:23:00.0	+32:00:00	1200	90	2.0	0 Calibration	2	
0018.FLAT	15	00:58	01:23:00.0	+32:00:00	1200	90	2.0	0 Calibration	2	1200-line, 2-sec, gg495, 445
0019-0027.FLAT	15	01:02	01:23:00.0	+32:00:00	1200	90	2.0	0 Calibration	2	
0028.XPer	5	01:33	03:55:23.0	+31:02:45	1200	90	2.0	#176 Be/X-ray	2	
0029.XPer	5	01:34	03:55:23.0	+31:02:45	1200	90	2.0	#176 Be/X-ray	2	
0030.COMP	10	01:34	03:55:23.0	+31:02:45	1200	90	2.0	0 Calibration	2	
0031.HD19445	30	01:37	03:08:26.3	+26:20:29	1200	90	2.0	#176 Be/X-ray	2	poor telescope psf
0032.COMP	10	01:38	03:08:26.3	+26:20:29	1200	90	2.0	0 Calibration	2	
0033.LSIp61303	60	01:40	02:40:31.6	+61:13:46	1200	90	2.0	#176 Be/X-ray	2	
0034.COMP	10	01:42	02:40:31.6	+61:13:46	1200	90	2.0	0 Calibration	2	
0035.RXJ01469p6121	300	01:43	01:47:00.0	+61:21:23	1200	90	2.0	#176 Be/X-ray	2	
0036.COMP	10	01:48	01:47:00.0	+61:21:23	1200	89	2.0	0 Calibration	2	
0037.IGRJ01363p6610	720	01:49	01:35:49.8	+66:12:43	1200	89	2.0	#176 Be/X-ray	2	
0038.COMP	10	02:02	01:35:49.8	+66:12:43	1200	88	2.0	0 Calibration	2	
0039.2S0114p650	300	02:03	01:18:02.4	+65:17:26	1200	88	2.0	#176 Be/X-ray	2	
0040.COMP	10	02:09	01:18:02.4	+65:17:26	1200	88	2.0	0 Calibration	2	
0041.4U2204p543	120	02:11	22:07:57.0	+54:31:06	1200	88	2.0	#176 Be/X-ray	2	

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File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0042.COMP	10	02:13	22:07:57.0	+54:31:06	1200	88	2.0	0 Calibration	2	
0043.MWC656	90	02:15	22:42:57.1	+44:43:13	1200	88	2.0	#176 Be/X-ray	2	
0044.COMP	10	02:17	22:42:57.1	+44:43:13	1200	88	2.0	0 Calibration	2	
0045.IGR2253p6243	1501	02:18	22:53:55.1	+62:43:37	1200	88	2.0	#176 Be/X-ray	2	
0046.COMP	10	02:44	22:53:55.1	+62:43:37	1200	89	2.0	0 Calibration	2	
0047.RXJ04409p4431	360	02:46	04:41:00.6	+44:31:50	1200	89	2.0	#176 Be/X-ray	2	
0048.COMP	10	02:52	04:41:00.6	+44:31:50	1200	89	2.0	0 Calibration	2	
0049.A0535p262	90	02:53	05:38:54.5	+26:18:57	1200	89	2.0	#176 Be/X-ray	2	
0050.COMP	10	02:55	05:38:54.5	+26:18:57	1200	89	2.0	0 Calibration	2	
0051.test	10	02:58	04:00:00.0	+32:00:00	300	89	3.0	#176 Be/X-ray	2	
0052.test	10	02:59	04:00:00.0	+32:00:00	300	89	3.0	#176 Be/X-ray	2	
0053.snASASSN-15ak	600	03:02	00:12:01.6	+26:23:37	300	89	3.0	#220 ASASSN Tr	2	300-line, 3-sec
0054.snASASSN-15ak	600	03:12	00:12:01.6	+26:23:37	300	89	3.0	#220 ASASSN Tr	2	
0055.snASASSN-15ak	600	03:22	00:12:01.6	+26:23:37	300	89	3.0	#220 ASASSN Tr	2	
0056.COMP	10	03:32	00:12:01.6	+26:23:37	300	90	3.0	0 Calibration	2	
0057.anASASSN-15ar	900	03:34	02:28:20.4	+10:23:04	300	90	3.0	#220 ASASSN Tr	2	
0058.anASASSN-15ar	900	03:50	02:28:20.4	+10:23:04	300	90	3.0	#220 ASASSN Tr	2	
0059.anASASSN-15ar	900	04:05	02:28:20.4	+10:23:04	300	90	3.0	#220 ASASSN Tr	2	
0060.COMP	10	04:20	02:28:20.4	+10:23:04	300	89	3.0	0 Calibration	2	
0061-0070.FLAT	7	04:25	05:20:00.0	+32:00:00	300	89	3.0	0 Calibration	2	

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File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0071.BIAS	0	04:28	05:20:00.0	+32:00:00	600	89	1.5	0 Calibration	4	
0072.hss239	900	04:32	03:21:54.6	-00:39:38	600	89	1.5	#178 Low Mass	4	600-line, 1.5-sec, 445
0073.COMP	10	04:47	03:21:54.6	-00:39:38	600	90	1.5	0 Calibration	4	
0074.G191B2B	300	04:50	05:05:30.6	+52:49:52	600	90	1.5	#56 Spectropho	4	
0075.COMP	10	04:56	05:05:30.6	+52:49:52	600	90	1.5	0 Calibration	4	
0076-0085.FLAT	12	05:03	06:00:00.0	+32:00:00	600	86	1.5	0 Calibration	4	
0086.test	10	05:08	06:00:00.0	+32:00:00	300	86	3.0	#178 Low Mass	2	
0087.test	10	05:09	06:00:00.0	+32:00:00	300	86	3.0	#178 Low Mass	2	
0088.test	10	05:10	06:00:00.0	+32:00:00	300	86	3.0	#178 Low Mass	2	
0089.FLAT	7	05:11	06:00:00.0	+32:00:00	300	86	3.0	0 Calibration	2	300-line, 3-sec
0090-0098.FLAT	7	05:13	06:00:00.0	+32:00:00	300	86	3.0	0 Calibration	2	
0099.04191277+4302400	1500	05:19	04:19:12.8	+43:02:40	300	86	3.0	#141 2MASS Red	2	
0100.COMP	10	05:44	04:19:12.8	+43:02:40	300	89	3.0	0 Calibration	2	
0101.04191827+3623151	1500	05:46	04:19:18.3	+36:23:15	300	89	3.0	#141 2MASS Red	2	
0102.COMP	10	06:12	04:19:18.3	+36:23:15	300	89	3.0	0 Calibration	2	
0103.04205027+4037104	1500	06:14	04:20:50.3	+40:37:10	300	89	3.0	#141 2MASS Red	2	
0104.COMP	10	06:39	04:20:50.3	+40:37:10	300	90	3.0	0 Calibration	2	
0105.04212045+3606443	1200	06:41	04:21:20.4	+36:06:44	300	90	3.0	#141 2MASS Red	2	
0106.COMP	10	07:01	04:21:20.4	+36:06:44	300	90	3.0	0 Calibration	2	
0107.05394670+4222060	1500	07:04	05:39:46.7	+42:22:06	300	96	3.0	#141 2MASS Red	2	

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File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0108.COMP	10	07:30	05:39:46.7	+42:22:06	300	96	3.0	0 Calibration	2	
0109.snPSN06574303	900	07:33	06:57:43.0	+13:34:46	300	108	3.0	#2 SN Observat	2	
0110.snPSN06574303	900	07:48	06:57:43.0	+13:34:46	300	108	3.0	#2 SN Observat	2	
0111.snPSN06574303	900	08:04	06:57:43.0	+13:34:46	300	108	3.0	#2 SN Observat	2	
0112.COMP	10	08:19	06:57:43.0	+13:34:46	300	109	3.0	0 Calibration	2	
0113.snASASSN-15as	1200	08:22	09:39:16.6	+06:25:49	300	91	3.0	#220 ASASSN Tr	2	
0114.snASASSN-15as	1200	08:42	09:39:16.6	+06:25:49	300	91	3.0	#220 ASASSN Tr	2	
0115.snASASSN-15as	1200	09:03	09:39:16.6	+06:25:49	300	91	3.0	#220 ASASSN Tr	2	
0116.COMP	10	09:23	09:39:16.6	+06:25:49	300	90	3.0	0 Calibration	2	
0117.HD84937	30	09:25	09:48:56.1	+13:44:39	300	90	3.0	#56 Spectropho	2	
0118.COMP	10	09:26	09:48:56.1	+13:44:39	300	90	3.0	0 Calibration	2	
0119.snASASSN-15az	1200	09:28	11:08:37.6	-10:14:58	300	89	3.0	#220 ASASSN Tr	2	
0120.snASASSN-15az	1200	09:48	11:08:37.6	-10:14:58	300	89	3.0	#220 ASASSN Tr	2	
0121.snASASSN-15az	1200	10:08	11:08:37.6	-10:14:58	300	89	3.0	#220 ASASSN Tr	2	
0122.COMP	10	10:29	11:08:37.6	-10:14:58	300	90	3.0	0 Calibration	2	
0123.snASASSN-14lp	300	10:31	12:45:09.1	-00:27:33	300	90	3.0	#2 SN Observat	2	
0124.COMP	10	10:37	12:45:09.1	-00:27:33	300	90	3.0	0 Calibration	2	
0125.Feige34	180	10:39	10:39:36.7	+43:06:09	300	90	3.0	#56 Spectropho	2	
0126.COMP	10	10:42	10:39:36.7	+43:06:09	300	88	3.0	0 Calibration	2	
0127.snPSN13522411	1200	10:45	13:52:24.1	+39:41:29	300	88	3.0	#2 SN Observat	2	

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File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0128.snPSN13522411	1200	11:05	13:52:24.1	+39:41:29	300	88	3.0	#2 SN Observat	2	
0129.snPSN13522411	1200	11:25	13:52:24.1	+39:41:29	300	88	3.0	#2 SN Observat	2	
0130.COMP	10	11:46	13:52:24.1	+39:41:29	300	87	3.0	0 Calibration	2	
0131.snBRUTUS7038_7	720	11:48	14:04:55.1	+08:55:13	300	87	3.0	#220 ASASSN Tr	2	
0132.snBRUTUS7038_7	720	12:00	14:04:55.1	+08:55:13	300	87	3.0	#220 ASASSN Tr	2	
0133.snBRUTUS7038_7	720	12:13	14:04:55.1	+08:55:13	300	87	3.0	#220 ASASSN Tr	2	
0134.COMP	10	12:25	14:04:55.1	+08:55:13	300	87	3.0	0 Calibration	2	
0135.rmbcg020and21	420	12:28	15:01:12.1	+47:16:23	300	87	3.0	#210 Brightest	2	please extract both targets
0136.COMP	10	12:36	15:01:12.1	+47:16:23	300	89	3.0	0 Calibration	2	r20 at row 80, r21 at row 61
0137.rmbcg022	720	12:38	15:01:16.3	+47:24:26	300	89	3.0	#210 Brightest	2	
0138.COMP	10	12:51	15:01:16.3	+47:24:26	300	89	3.0	0 Calibration	2	
0139.rmbcg023	600	12:53	15:03:20.1	+08:56:50	300	89	3.0	#210 Brightest	2	
0140.COMP	10	13:03	15:03:20.1	+08:56:50	300	90	3.0	0 Calibration	2	
0141.rmbcg024	360	13:05	15:11:23.5	-00:03:33	300	90	3.0	#210 Brightest	2	
0142.COMP	10	13:11	15:11:23.5	-00:03:33	300	90	3.0	0 Calibration	2	
0143.TCrB	5	13:14	15:59:30.0	+25:55:12	300	90	3.0	#12 Symbiotic	2	
0144.TCrB	29	13:14	15:59:30.0	+25:55:12	300	90	3.0	#12 Symbiotic	2	
0145.TCrB	60	13:15	15:59:30.0	+25:55:12	300	90	3.0	#12 Symbiotic	2	
0146.COMP	10	13:17	15:59:30.0	+25:55:12	300	90	3.0	0 Calibration	2	
0147.AGDra	5	13:19	16:01:41.0	+66:48:10	300	90	3.0	#12 Symbiotic	2	

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<i>File</i>	<i>Exp Time</i>	<i>UT Start</i>	<i>RA</i>	<i>Dec</i>	<i>Gr.</i>	<i>P.A.</i>	<i>Slit</i>	<i>Program</i>	<i>Bin</i>	<i>Comments</i>
0148.AGDra	10	13:19	16:01:41.0	+66:48:10	300	90	3.0	#12 Symbiotic	2	
0149.AGDra	30	13:20	16:01:41.0	+66:48:10	300	90	3.0	#12 Symbiotic	2	
0150.COMP	10	13:21	16:01:41.0	+66:48:10	300	90	3.0	0 Calibration	2	
0151-0160.BIAS	0	13:26	16:01:41.0	+66:48:10	300	90	3.0	0 Calibration	2	
0161-0175.FLAT	7	13:32	16:01:41.0	+66:48:10	300	90	3.0	0 Calibration	2	

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File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0001-0003.DARK	900	01:32	01:28:50.6	+31:25:50	300	89	3.0	0 Calibration	4	
0004-0013.BIAS	0	01:49	01:28:50.6	+31:25:50	300	89	3.0	0 Calibration	4	
0014-0033.FLAT	7	01:57	01:28:50.6	+31:25:50	300	89	3.0	0 Calibration	2	
0034-0043.BIAS	0	01:59	01:28:50.6	+31:25:50	300	89	3.0	0 Calibration	2	
0044.anASASSN-15ar	900	02:05	02:28:20.4	+10:23:04	300	70	3.0	#220 ASASSN Tr	2	
0045.anASASSN-15ar	900	02:20	02:28:20.4	+10:23:04	300	70	3.0	#220 ASASSN Tr	2	
0046.anASASSN-15ar	900	02:35	02:28:20.4	+10:23:04	300	70	3.0	#220 ASASSN Tr	2	
0047.COMP	10	02:52	02:28:20.4	+10:23:04	300	70	3.0	0 Calibration	2	
0048.snASASSN-15ak	1200	02:55	00:12:01.6	+26:23:37	300	90	3.0	#220 ASASSN Tr	2	
0049.COMP	10	03:16	00:12:01.6	+26:23:37	300	90	3.0	0 Calibration	2	
0050.HD19445	10	03:18	03:08:25.6	+26:19:51	300	90	3.0	#56 Spectropho	2	
0051.COMP	10	03:18	03:08:25.6	+26:19:51	300	90	3.0	0 Calibration	2	
0052.snASASSN-15bc	1200	03:21	04:06:14.6	-08:53:08	300	80	3.0	#220 ASASSN Tr	2	
0053.snASASSN-15bc	1200	03:41	04:06:14.6	-08:53:08	300	80	3.0	#220 ASASSN Tr	2	
0054.COMP	10	04:02	04:06:14.6	-08:53:08	300	80	3.0	0 Calibration	2	
0055.G191B2B	300	04:06	05:05:30.6	+52:49:52	300	90	3.0	#56 Spectropho	2	
0056.COMP	10	04:12	05:05:30.6	+52:49:52	300	89	3.0	0 Calibration	2	
0057.hss239	900	04:19	03:21:54.6	-00:39:38	600	90	1.5	#178 Low Mass	4	
0058.COMP	10	04:34	03:21:54.6	-00:39:38	600	90	1.5	0 Calibration	4	
0059.G191B2B	420	04:38	05:05:30.6	+52:49:52	600	90	1.5	#56 Spectropho	4	

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File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0060.COMP	10	04:45	05:05:30.6	+52:49:52	600	88	1.5	0 Calibration	4	
0061-0070.FLAT	12	04:50	05:05:30.6	+52:49:52	600	88	1.5	0 Calibration	4	
0071.COMP	5	04:53	05:05:30.6	+52:49:52	300	88	3.0	0 Calibration	4	test
0072.COMP	5	04:55	05:05:30.6	+52:49:52	300	88	3.0	0 Calibration	4	test
0073.COMP	5	04:56	05:05:30.6	+52:49:52	300	88	3.0	0 Calibration	4	test
0074.000_WHSS064015	1800	05:02	06:40:15.2	+10:01:58	300	70	3.0	#221 Bright Hi	2	
0075.COMP	10	05:33	06:40:15.2	+10:01:58	300	70	3.0	0 Calibration	2	
0076.001_WHSS064632	600	05:37	06:46:32.7	+27:22:13	300	90	3.0	#221 Bright Hi	2	
0077.COMP	10	05:47	06:46:32.7	+27:22:13	300	90	3.0	0 Calibration	2	
0078.002_WHSS065345	1200	05:50	06:53:45.4	+10:22:57	300	100	3.0	#221 Bright Hi	2	
0079.COMP	10	06:10	06:53:45.4	+10:22:57	300	100	3.0	0 Calibration	2	
0080.003_WHSS070002	1500	06:13	07:00:02.7	+12:00:17	300	91	3.0	#221 Bright Hi	2	
0081.COMP	10	06:39	07:00:02.7	+12:00:17	300	90	3.0	0 Calibration	2	
0082.004_WHSS070246	1500	06:43	07:02:46.3	+40:02:56	300	90	3.0	#221 Bright Hi	2	
0083.COMP	10	07:08	07:02:46.3	+40:02:56	300	91	3.0	0 Calibration	2	
0084.005_WHSS073000	900	07:10	07:30:00.3	+30:01:50	300	91	3.0	#221 Bright Hi	2	
0085.COMP	10	07:25	07:30:00.3	+30:01:50	300	90	3.0	0 Calibration	2	
0086.006_WHSS073424	1800	07:27	07:34:24.2	+28:23:39	300	90	3.0	#221 Bright Hi	2	
0087.COMP	10	07:57	07:34:24.2	+28:23:39	300	91	3.0	0 Calibration	2	
0088.007_WHSS073639	1800	08:08	07:36:39.8	+16:06:27	300	90	3.0	#221 Bright Hi	2	

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File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0089.COMP	10	08:38	07:36:39.8	+16:06:27	300	90	3.0	0 Calibration	2	
0090.sn2015A	1800	08:41	09:41:15.6	+35:53:17	300	90	3.0	#220 ASASSN Tr	2	
0091.COMP	10	09:12	09:41:15.6	+35:53:17	300	90	3.0	0 Calibration	2	
0092.snASASSN-15as	1200	09:14	09:39:16.6	+06:25:49	300	89	3.0	#220 ASASSN Tr	2	
0093.snASASSN-15as	1200	09:34	09:39:16.6	+06:25:49	300	89	3.0	#220 ASASSN Tr	2	
0094.snASASSN-15as	1200	09:54	09:39:16.6	+06:25:49	300	89	3.0	#220 ASASSN Tr	2	
0095.COMP	10	10:15	09:39:16.6	+06:25:49	300	90	3.0	0 Calibration	2	
0096.snASASSN-15az	1200	10:17	11:08:37.6	-10:14:58	300	90	3.0	#220 ASASSN Tr	2	
0097.snASASSN-15az	1200	10:37	11:08:37.6	-10:14:58	300	90	3.0	#220 ASASSN Tr	2	
0098.snASASSN-15az	1200	10:57	11:08:37.6	-10:14:58	300	90	3.0	#220 ASASSN Tr	2	
0099.COMP	10	11:18	11:08:37.6	-10:14:58	300	91	3.0	0 Calibration	2	
0100.snASASSN-14li	1800	11:21	12:48:15.2	+17:46:26	300	91	3.0	#220 ASASSN Tr	2	
0101.COMP	10	11:52	12:48:15.2	+17:46:26	300	90	3.0	0 Calibration	2	
0102.snBRUTUS7038_7	1800	11:54	14:04:55.1	+08:55:13	300	70	3.0	#220 ASASSN Tr	2	
0103.COMP	10	12:25	14:04:55.1	+08:55:13	300	71	3.0	0 Calibration	2	
0104.snSASSN-15bd	1200	12:27	15:54:38.3	+16:36:38	300	90	3.0	#220 ASASSN Tr	2	
0105.snSASSN-15bd	1200	12:47	15:54:38.3	+16:36:38	300	90	3.0	#220 ASASSN Tr	2	
0106.COMP	10	13:08	15:54:38.3	+16:36:38	300	90	3.0	0 Calibration	2	
0107.BDp332642	120	13:10	15:51:59.9	+32:56:54	300	90	3.0	#56 Spectropho	2	
0108.COMP	10	13:12	15:51:59.9	+32:56:54	300	89	3.0	0 Calibration	2	

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<i>File</i>	<i>Exp Time</i>	<i>UT Start</i>	<i>RA</i>	<i>Dec</i>	<i>Gr.</i>	<i>P.A.</i>	<i>Slit</i>	<i>Program</i>	<i>Bin</i>	<i>Comments</i>
0109.BDp262606	90	13:14	14:49:02.4	+25:42:09	300	89	3.0	#56 Spectropho	2	
0110.COMP	10	13:16	14:49:02.4	+25:42:09	300	90	3.0	0 Calibration	2	
0111.BDp262606	45	13:16	14:49:02.4	+25:42:09	300	90	3.0	#56 Spectropho	2	
0112.COMP	10	13:18	14:49:02.4	+25:42:09	300	90	3.0	0 Calibration	2	
0113.N5866	180	13:19	15:06:29.5	+55:45:48	300	90	3.0	#57 Velocity S	2	
0114.COMP	10	13:23	15:06:29.5	+55:45:48	300	88	3.0	0 Calibration	2	
0115-0124.BIAS	0	13:28	15:06:29.5	+55:45:48	300	88	3.0	0 Calibration	2	
0125-0144.FLAT	7	13:34	15:06:29.5	+55:45:48	300	88	3.0	0 Calibration	2	
0145-0149.DARK	900	14:37	15:06:29.5	+55:45:48	300	88	3.0	0 Calibration	4	
0150-0154.DARK	900	15:54	15:06:29.5	+55:45:48	300	88	3.0	0 Calibration	2	

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File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0001-0007.DARK	900	00:58	15:06:29.5	+55:45:48	300	88	3.0	0 Calibration	4	
0008-0017.BIAS	0	01:15	15:06:29.5	+55:45:48	300	88	3.0	0 Calibration	4	
0018-0037.FLAT	7	01:22	15:06:29.5	+55:45:48	300	88	3.0	0 Calibration	2	
0038-0047.BIAS	0	01:26	15:06:29.5	+55:45:48	300	88	3.0	0 Calibration	2	
0048.M31	60	01:49	00:42:44.3	+41:16:09	300	88	3.0	#57 Velocity S	2	
0049.COMP	10	01:51	00:42:44.3	+41:16:09	300	88	3.0	0 Calibration	2	
0050.snASASSN-15ak	600	01:54	00:12:01.6	+26:23:37	300	88	3.0	#220 ASASSN Tr	2	
0051.snASASSN-15ak	600	02:04	00:12:01.6	+26:23:37	300	88	3.0	#220 ASASSN Tr	2	
0052.snASASSN-15ak	600	02:14	00:12:01.6	+26:23:37	300	88	3.0	#220 ASASSN Tr	2	
0053.COMP	10	02:25	00:12:01.6	+26:23:37	300	90	3.0	0 Calibration	2	
0054.WHSS223049+384930	600	02:28	22:30:49.3	+38:49:31	300	90	3.0	#221 Bright Hi	2	
0055.COMP	10	02:39	22:30:49.3	+38:49:31	300	90	3.0	0 Calibration	2	
0056.WHSS223107+385508	1800	02:41	22:31:07.2	+38:55:09	300	90	3.0	#221 Bright Hi	2	
0057.COMP	10	03:11	22:31:07.2	+38:55:09	300	90	3.0	0 Calibration	2	
0058.WHSS000350+363254	1500	03:13	00:03:50.5	+36:32:54	300	90	3.0	#221 Bright Hi	2	
0059.COMP	10	03:38	00:03:50.5	+36:32:54	300	90	3.0	0 Calibration	2	
0060.hss239	900	03:44	03:21:54.6	-00:39:38	600	90	1.5	#178 Low Mass	4	
0061.COMP	10	03:59	03:21:54.6	-00:39:38	600	90	1.5	0 Calibration	4	
0062.G191B2B	420	04:03	05:05:30.6	+52:49:52	600	90	1.5	#56 Spectropho	4	
0063.COMP	10	04:11	05:05:30.6	+52:49:52	600	88	1.5	0 Calibration	4	

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File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0064-0073.FLAT	12	04:15	05:05:30.6	+52:49:52	600	88	1.5	0 Calibration	4	
0074.COMP	5	04:18	05:05:30.6	+52:49:52	300	88	3.0	0 Calibration	4	test
0075.COMP	5	04:20	05:05:30.6	+52:49:52	300	88	3.0	0 Calibration	4	test
0076.HD19445	10	04:22	03:08:25.6	+26:19:51	300	88	3.0	#56 Spectropho	2	
0077.COMP	10	04:23	03:08:25.6	+26:19:51	300	88	3.0	0 Calibration	2	
0078.AWI0004nfn	10	04:27	03:15:51.6	+49:52:40	300	88	3.0	#219 Disk Dete	2	
0079.COMP	10	04:27	03:15:51.6	+49:52:40	300	88	3.0	0 Calibration	2	
0080.AWI0005ykd	5	04:30	03:24:49.0	+28:39:08	300	88	3.0	#219 Disk Dete	2	
0081.COMP	10	04:30	03:24:49.0	+28:39:08	300	88	3.0	0 Calibration	2	
0082.AWI0005zy4	5	04:31	03:25:04.6	+10:58:35	300	88	3.0	#219 Disk Dete	2	
0083.COMP	10	04:32	03:25:04.6	+10:58:35	300	88	3.0	0 Calibration	2	
0084.AWI0004nfv	5	04:34	03:28:53.7	+49:04:12	300	88	3.0	#219 Disk Dete	2	
0085.COMP	10	04:35	03:28:53.7	+49:04:12	300	88	3.0	0 Calibration	2	
0086.AWI00062b1	6	04:37	03:33:37.9	-07:24:53	300	88	3.0	#219 Disk Dete	2	
0087.COMP	10	04:37	03:33:37.9	-07:24:53	300	88	3.0	0 Calibration	2	
0088.AWI0005ylv	180	04:39	03:39:00.6	+29:41:45	300	88	3.0	#219 Disk Dete	2	
0089.COMP	10	04:43	03:39:00.6	+29:41:45	300	90	3.0	0 Calibration	2	
0090.AWI0005ylw	6	04:44	03:39:06.7	+24:42:09	300	90	3.0	#219 Disk Dete	2	
0091.COMP	10	04:45	03:39:06.7	+24:42:09	300	90	3.0	0 Calibration	2	
0092.AWI0005ylz	7	04:46	03:44:00.3	+24:33:24	300	90	3.0	#219 Disk Dete	2	

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File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0093.COMP	10	04:47	03:44:00.3	+24:33:24	300	90	3.0	0 Calibration	2	
0094.AWI0005ym7	5	04:48	03:49:21.8	+24:22:51	300	90	3.0	#219 Disk Dete	2	
0095.COMP	10	04:49	03:49:21.8	+24:22:51	300	90	3.0	0 Calibration	2	
0096.AWI0005ym7	3	04:49	03:49:21.8	+24:22:51	300	90	3.0	#219 Disk Dete	2	
0097.COMP	10	04:50	03:49:21.8	+24:22:51	300	90	3.0	0 Calibration	2	
0098.AWI0005ym9	5	04:51	03:51:57.4	+25:59:55	300	90	3.0	#219 Disk Dete	2	
0099.COMP	10	04:53	03:51:57.4	+25:59:55	300	90	3.0	0 Calibration	2	
0100.AWI0005zz5	5	04:55	04:02:38.5	-00:48:03	300	90	3.0	#219 Disk Dete	2	
0101.COMP	10	04:55	04:02:38.5	-00:48:03	300	90	3.0	0 Calibration	2	
0102.snASASSN-15bc	1200	04:57	04:06:14.6	-08:53:08	300	90	3.0	#220 ASASSN Tr	2	
0103.snASASSN-15bc	1200	05:17	04:06:14.6	-08:53:08	300	90	3.0	#220 ASASSN Tr	2	
0104.snASASSN-15bc	1200	05:38	04:06:14.6	-08:53:08	300	90	3.0	#220 ASASSN Tr	2	
0105.COMP	10	05:58	04:06:14.6	-08:53:08	300	90	3.0	0 Calibration	2	
0106.G191B2B	300	06:00	05:05:30.6	+52:49:52	300	90	3.0	#56 Spectropho	2	
0107.COMP	10	06:06	05:05:30.6	+52:49:52	300	89	3.0	0 Calibration	2	
0108.AWI00055vx	7	06:08	04:06:49.3	+70:27:37	300	89	3.0	#219 Disk Dete	2	
0109.COMP	10	06:08	04:06:49.3	+70:27:37	300	89	3.0	0 Calibration	2	
0110.AWI0005zgj	5	06:10	04:07:54.7	+16:31:50	300	89	3.0	#219 Disk Dete	2	
0111.COMP	10	06:11	04:07:54.7	+16:31:50	300	89	3.0	0 Calibration	2	
0112.AWI0005ymk	10	06:13	04:19:18.2	+19:45:39	300	89	3.0	#219 Disk Dete	2	bad coords

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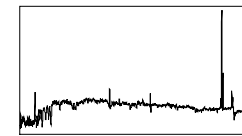
File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0113.COMP	10	06:13	04:19:18.2	+19:45:39	300	89	3.0	0 Calibration	2	
0114.AWI0002ozm	10	06:15	04:15:17.5	+50:51:24	300	89	3.0	#219 Disk Dete	2	
0115.COMP	10	06:16	04:15:17.5	+50:51:24	300	89	3.0	0 Calibration	2	
0116.anASASSN-15ar	900	06:18	02:28:20.4	+10:23:04	300	89	3.0	#220 ASASSN Tr	2	
0117.anASASSN-15ar	900	06:33	02:28:20.4	+10:23:04	300	89	3.0	#220 ASASSN Tr	2	
0118.COMP	10	06:49	02:28:20.4	+10:23:04	300	90	3.0	0 Calibration	2	
0119.008_WHSS073730	900	06:51	07:37:30.7	+24:50:09	300	90	3.0	#221 Bright Hi	2	
0120.COMP	10	07:07	07:37:30.7	+24:50:09	300	90	3.0	0 Calibration	2	
0121.009_WHSS073830	1500	07:09	07:38:30.6	+15:21:50	300	90	3.0	#221 Bright Hi	2	
0122.COMP	10	07:34	07:38:30.6	+15:21:50	300	89	3.0	0 Calibration	2	
0123.010_WHSS073947	600	07:36	07:39:47.7	+12:54:48	300	89	3.0	#221 Bright Hi	2	
0124.COMP	10	07:47	07:39:47.7	+12:54:48	300	90	3.0	0 Calibration	2	
0125.011_WHSS074113	1500	07:48	07:41:13.7	+22:30:32	300	90	3.0	#221 Bright Hi	2	
0126.COMP	10	08:13	07:41:13.7	+22:30:32	300	90	3.0	0 Calibration	2	
0127.012_WHSS074134	1200	08:15	07:41:34.9	+11:51:48	300	90	3.0	#221 Bright Hi	2	
0128.COMP	10	08:36	07:41:34.9	+11:51:48	300	90	3.0	0 Calibration	2	
0129.013_WHSS074138	1800	08:37	07:41:38.9	+13:24:17	300	90	3.0	#221 Bright Hi	2	
0130.COMP	10	09:08	07:41:38.9	+13:24:17	300	90	3.0	0 Calibration	2	
0131.sn2015A	900	09:10	09:41:15.6	+35:53:17	300	90	3.0	#220 ASASSN Tr	2	
0132.sn2015A	900	09:26	09:41:15.6	+35:53:17	300	90	3.0	#220 ASASSN Tr	2	

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File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0133.sn2015A	900	09:41	09:41:15.6	+35:53:17	300	90	3.0	#220 ASASSN Tr	2	
0134.COMP	10	09:56	09:41:15.6	+35:53:17	300	90	3.0	0 Calibration	2	
0135.snPSNJ10483231	900	09:59	10:48:32.3	+26:35:18	300	90	3.0	#220 ASASSN Tr	2	
0136.snPSNJ10483231	900	10:15	10:48:32.3	+26:35:18	300	90	3.0	#220 ASASSN Tr	2	
0137.snPSNJ10483231	900	10:30	10:48:32.3	+26:35:18	300	90	3.0	#220 ASASSN Tr	2	
0138.COMP	10	10:45	10:48:32.3	+26:35:18	300	90	3.0	0 Calibration	2	
0139.snASASSN-141p	300	10:48	12:45:09.1	-00:27:33	300	90	3.0	#220 ASASSN Tr	2	
0140.COMP	10	10:53	12:45:09.1	-00:27:33	300	90	3.0	0 Calibration	2	
0141.snBRUTUS7038_7	900	10:59	14:04:55.1	+08:55:13	300	90	3.0	#220 ASASSN Tr	2	
0142.snBRUTUS7038_7	900	11:14	14:04:55.1	+08:55:13	300	90	3.0	#220 ASASSN Tr	2	
0143.snBRUTUS7038_7	900	11:29	14:04:55.1	+08:55:13	300	90	3.0	#220 ASASSN Tr	2	
0144.COMP	10	11:45	14:04:55.1	+08:55:13	300	89	3.0	0 Calibration	2	
0145.117_WHSS120145	600	11:47	12:01:45.2	+14:40:01	300	89	3.0	#221 Bright Hi	2	
0146.COMP	10	11:59	12:01:45.2	+14:40:01	300	90	3.0	0 Calibration	2	
0147.118_WHSS120519	600	12:00	12:05:19.7	+41:34:27	300	90	3.0	#221 Bright Hi	2	
0148.COMP	10	12:11	12:05:19.7	+41:34:27	300	89	3.0	0 Calibration	2	
0149.119_WHSS120546	1200	12:14	12:05:46.6	+49:32:57	300	89	3.0	#221 Bright Hi	2	
0150.COMP	10	12:34	12:05:46.6	+49:32:57	300	89	3.0	0 Calibration	2	
0151.snSASSN-15bd	900	12:37	15:54:38.3	+16:36:38	300	89	3.0	#220 ASASSN Tr	2	
0152.snSASSN-15bd	900	12:53	15:54:38.3	+16:36:38	300	89	3.0	#220 ASASSN Tr	2	

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<i>File</i>	<i>Exp Time</i>	<i>UT Start</i>	<i>RA</i>	<i>Dec</i>	<i>Gr.</i>	<i>P.A.</i>	<i>Slit</i>	<i>Program</i>	<i>Bin</i>	<i>Comments</i>
0153.snSASSN-15bd	900	13:08	15:54:38.3	+16:36:38	300	89	3.0	#220 ASASSN Tr	2	
0154.COMP	10	13:23	15:54:38.3	+16:36:38	300	88	3.0	0 Calibration	2	
0155-0164.BIAS	0	13:28	15:54:38.3	+16:36:38	300	88	3.0	0 Calibration	2	
0165-0184.FLAT	7	13:38	15:54:38.3	+16:36:38	300	88	3.0	0 Calibration	2	
0185-0194.DARK	900	15:57	15:54:38.3	+16:36:38	300	88	3.0	0 Calibration	2	

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File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0001-0010.DARK	900	01:00	15:54:38.3	+16:36:38	300	88	3.0	0 Calibration	4	
0011-0020.BIAS	0	01:17	15:54:38.3	+16:36:38	300	88	3.0	0 Calibration	4	
0021-0040.FLAT	7	01:24	15:54:38.3	+16:36:38	300	88	3.0	0 Calibration	2	
0041-0050.BIAS	0	01:28	15:54:38.3	+16:36:38	300	88	3.0	0 Calibration	2	
0051.ZAnd	1	01:46	23:33:40.0	+48:49:06	300	88	3.0	#12 Symbiotic	2	
0052.ZAnd	5	01:47	23:33:40.0	+48:49:06	300	88	3.0	#12 Symbiotic	2	
0053.ZAnd	30	01:47	23:33:40.0	+48:49:06	300	88	3.0	#12 Symbiotic	2	
0054.COMP	10	01:48	23:33:40.0	+48:49:06	300	88	3.0	0 Calibration	2	
0055.RAqr	1	01:51	23:43:49.0	-15:17:05	300	88	3.0	#12 Symbiotic	2	
0056.RAqr	5	01:51	23:43:49.0	-15:17:05	300	88	3.0	#12 Symbiotic	2	
0057.RAqr	10	01:52	23:43:49.0	-15:17:05	300	88	3.0	#12 Symbiotic	2	
0058.COMP	10	01:53	23:43:49.0	-15:17:05	300	88	3.0	0 Calibration	2	
0059.WHSS223134+385427	1500	01:57	22:31:34.3	+38:54:28	300	88	3.0	#221 Bright Hi	2	
0060.COMP	10	02:23	22:31:34.3	+38:54:28	300	90	3.0	0 Calibration	2	
0061.WHSS223140+360104	1500	02:32	22:31:40.1	+36:01:04	300	90	3.0	#221 Bright Hi	2	
0062.COMP	10	02:58	22:31:40.1	+36:01:04	300	90	3.0	0 Calibration	2	
0063.AWI0005yiv	5	03:00	00:59:26.3	+40:09:18	300	90	3.0	#219 Disk Dete	2	
0064.COMP	10	03:01	00:59:26.3	+40:09:18	300	90	3.0	0 Calibration	2	
0065.AWI0005w6c	5	03:03	01:26:50.3	+45:40:38	300	90	3.0	#219 Disk Dete	2	
0066.COMP	10	03:03	01:26:50.3	+45:40:38	300	90	3.0	0 Calibration	2	

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0067.AWI0004ne5	7	03:05	01:35:25.9	+56:02:37	300	90	3.0	#219 Disk Dete	2	
0068.COMP	10	03:06	01:35:25.9	+56:02:37	300	90	3.0	0 Calibration	2	
0069.AWI00062a8	10	03:07	01:37:56.2	+21:15:39	300	90	3.0	#219 Disk Dete	2	
0070.COMP	10	03:08	01:37:56.2	+21:15:39	300	90	3.0	0 Calibration	2	
0071.AWI0000hrv	1800	03:10	01:44:36.5	+04:54:38	300	90	3.0	#219 Disk Dete	2	
0072.COMP	10	03:41	01:44:36.5	+04:54:38	300	90	3.0	0 Calibration	2	
0073.HD19445	10	03:42	03:08:25.6	+26:19:51	300	90	3.0	#56 Spectropho	2	
0074.COMP	10	03:43	03:08:25.6	+26:19:51	300	90	3.0	0 Calibration	2	
0075.G191B2B	300	03:46	05:05:30.6	+52:49:52	300	90	3.0	#56 Spectropho	2	
0076.COMP	10	03:51	05:05:30.6	+52:49:52	300	88	3.0	0 Calibration	2	
0077.hss239	900	03:57	03:21:54.6	-00:39:38	600	88	1.5	#178 Low Mass	4	
0078.COMP	10	04:13	03:21:54.6	-00:39:38	600	88	1.5	0 Calibration	4	
0079.G191B2B	420	04:15	05:05:30.6	+52:49:52	600	88	1.5	#56 Spectropho	4	
0080.COMP	10	04:23	05:05:30.6	+52:49:52	600	87	1.5	0 Calibration	4	
0081-0090.FLAT	12	04:28	05:05:30.6	+52:49:52	600	87	1.5	0 Calibration	4	
0091.HD19445	10	04:36	03:08:25.6	+26:19:51	300	87	3.0	#56 Spectropho	2	
0092.COMP	10	04:36	03:08:25.6	+26:19:51	300	87	3.0	0 Calibration	2	
0093.G191B2B	300	04:40	05:05:30.6	+52:49:52	300	87	3.0	#56 Spectropho	2	
0094.COMP	10	04:45	05:05:30.6	+52:49:52	300	85	3.0	0 Calibration	2	
0095.014_WHSS074336	1200	04:48	07:43:36.2	+32:14:44	300	87	3.0	#221 Bright Hi	2	

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0096.COMP	10	05:17	07:43:36.2	+32:14:44	300	87	3.0	0 Calibration	2	
0097.015_WHSS074429	900	05:19	07:44:29.9	+20:26:55	300	87	3.0	#221 Bright Hi	2	
0098.015_WHSS074429	900	05:34	07:44:29.9	+20:26:55	300	87	3.0	#221 Bright Hi	2	
0099.015_WHSS074429	900	05:49	07:44:29.9	+20:26:55	300	87	3.0	#221 Bright Hi	2	
0100.COMP	10	06:05	07:44:29.9	+20:26:55	300	87	3.0	0 Calibration	2	
0101.016_WHSS074452	1800	06:07	07:44:52.4	+20:14:39	300	87	3.0	#221 Bright Hi	2	
0102.COMP	10	06:37	07:44:52.4	+20:14:39	300	89	3.0	0 Calibration	2	
0103.017_WHSS074522	900	06:40	07:45:22.7	+48:41:11	300	89	3.0	#221 Bright Hi	2	
0104.017_WHSS074522	900	06:55	07:45:22.7	+48:41:11	300	89	3.0	#221 Bright Hi	2	
0105.017_WHSS074522	900	07:10	07:45:22.7	+48:41:11	300	89	3.0	#221 Bright Hi	2	
0106.COMP	10	07:26	07:45:22.7	+48:41:11	300	88	3.0	0 Calibration	2	
0107.018_WHSS074645	1200	08:08	07:46:45.0	+42:53:28	300	88	3.0	#221 Bright Hi	2	
0108.018_WHSS074645	1200	08:28	07:46:45.0	+42:53:28	300	88	3.0	#221 Bright Hi	2	
0109.018_WHSS074645	1200	08:48	07:46:45.0	+42:53:28	300	88	3.0	#221 Bright Hi	2	
0110.COMP	10	09:09	07:46:45.0	+42:53:28	300	90	3.0	0 Calibration	2	
0111.snASASSN-15as	1200	09:12	09:39:16.6	+06:25:49	300	90	3.0	#220 ASASSN Tr	2	
0112.snASASSN-15as	1200	09:32	09:39:16.6	+06:25:49	300	90	3.0	#220 ASASSN Tr	2	clouds coming in...
0113.COMP	10	10:03	09:39:16.6	+06:25:49	300	89	3.0	0 Calibration	2	
0114.sn2015A	1200	10:29	09:41:15.6	+35:53:17	300	90	3.0	#220 ASASSN Tr	2	
0115.sn2015A	1200	10:49	09:41:15.6	+35:53:17	300	90	3.0	#220 ASASSN Tr	2	

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0116.COMP	10	11:10	09:41:15.6	+35:53:17	300	86	3.0	0 Calibration	2	
0117.snASASSN-15az	1800	11:13	11:08:37.6	-10:14:58	300	86	3.0	#220 ASASSN Tr	2	
0118.COMP	10	11:43	11:08:37.6	-10:14:58	300	90	3.0	0 Calibration	2	
0119.snASASSN-14lp	480	11:45	12:45:09.1	-00:27:33	300	90	3.0	#220 ASASSN Tr	2	
0120.COMP	10	11:54	12:45:09.1	-00:27:33	300	90	3.0	0 Calibration	2	
0121.sn2015B	1200	11:56	12:54:35.5	-12:34:19	300	110	3.0	#220 ASASSN Tr	2	
0122.COMP	10	12:16	12:54:35.5	-12:34:19	300	109	3.0	0 Calibration	2	
0123.snBRUTUS7038_7	1500	12:19	14:04:55.1	+08:55:13	300	80	3.0	#220 ASASSN Tr	2	
0124.COMP	10	12:45	14:04:55.1	+08:55:13	300	80	3.0	0 Calibration	2	
0125.snASASSN-15bd	1200	12:47	15:54:38.3	+16:36:38	300	90	3.0	#220 ASASSN Tr	2	
0126.COMP	10	13:08	15:54:38.3	+16:36:38	300	90	3.0	0 Calibration	2	
0127.BDp332642	120	13:10	15:51:59.9	+32:56:54	300	89	3.0	#56 Spectropho	2	
0128.COMP	10	13:12	15:51:59.9	+32:56:54	300	88	3.0	0 Calibration	2	
0129.N5866	180	13:14	15:06:29.5	+55:45:48	300	88	3.0	#57 Velocity S	2	
0130.COMP	10	13:17	15:06:29.5	+55:45:48	300	88	3.0	0 Calibration	2	
0131.BDp262606	60	13:19	14:49:02.4	+25:42:09	300	88	3.0	#56 Spectropho	2	
0132.COMP	10	13:21	14:49:02.4	+25:42:09	300	88	3.0	0 Calibration	2	
0133-0142.BIAS	0	13:25	14:49:02.4	+25:42:09	300	88	3.0	0 Calibration	2	
0143-0162.FLAT	7	13:32	14:49:02.4	+25:42:09	300	88	3.0	0 Calibration	2	
0163-0170.DARK	900	15:22	14:49:02.4	+25:42:09	300	88	3.0	0 Calibration	2	

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0001-0010.BIAS	0	01:03	01:45:00.0	+32:00:00	300	90	3.0	0 Calibration	2	
0011-0025.FLAT	7	01:08	01:45:00.0	+32:00:00	300	90	3.0	0 Calibration	2	
0026.sky	5	01:09	01:45:00.0	+32:00:00	300	90	3.0	#57 Velocity S	2	
0027.sky	6	01:10	01:45:00.0	+32:00:00	300	90	3.0	#57 Velocity S	2	
0028.sky	7	01:10	01:45:00.0	+32:00:00	300	90	3.0	#57 Velocity S	2	
0029.COMP	10	01:11	01:45:00.0	+32:00:00	300	90	3.0	0 Calibration	2	
0030.snASASSN-15ak	720	02:51	00:12:01.6	+26:23:37	300	90	3.0	#220 ASASSN Tr	2	
0031.snASASSN-15ak	720	03:03	00:12:01.6	+26:23:37	300	90	3.0	#220 ASASSN Tr	2	
0032.snASASSN-15ak	720	03:15	00:12:01.6	+26:23:37	300	90	3.0	#220 ASASSN Tr	2	
0033.COMP	10	03:28	00:12:01.6	+26:23:37	300	90	3.0	0 Calibration	2	
0034.WHSS013737+300248	900	03:33	01:37:37.2	+30:02:49	300	90	3.0	#221 Bright Hi	2	
0035.COMP	10	03:48	01:37:37.2	+30:02:49	300	90	3.0	0 Calibration	2	
0036.WHSS014934+275551	1200	04:45	01:49:34.1	+27:55:51	300	90	3.0	#221 Bright Hi	2	
0037.COMP	10	05:05	01:49:34.1	+27:55:51	300	90	3.0	0 Calibration	2	
0038.WHSS015652+331640	1048	05:07	01:56:52.6	+33:16:41	300	90	3.0	#221 Bright Hi	2	
0039.COMP	10	05:25	01:56:52.6	+33:16:41	300	90	3.0	0 Calibration	2	
0040.2MJ074501	600	06:38	07:45:01.1	-25:38:30	300	90	3.0	#99 BH-Mass	2	
0041.2MJ074501	600	06:48	07:45:01.1	-25:38:30	300	90	3.0	#99 BH-Mass	2	target at row 77
0042.2MJ074501	600	06:58	07:45:01.1	-25:38:30	300	90	3.0	#99 BH-Mass	2	
0043.COMP	10	07:09	07:45:01.1	-25:38:30	300	90	3.0	0 Calibration	2	

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0044.HD84937	35	07:12	09:48:56.1	+13:44:39	300	90	3.0	#56 Spectropho	2	
0045.COMP	10	07:13	09:48:56.1	+13:44:39	300	90	3.0	0 Calibration	2	
0046.sn2015A	1200	07:16	09:41:15.6	+35:53:17	300	90	3.0	#2 SN Observat	2	
0047.sn2015A	1200	07:36	09:41:15.6	+35:53:17	300	90	3.0	#2 SN Observat	2	
0048.COMP	10	07:57	09:41:15.6	+35:53:17	300	88	3.0	0 Calibration	2	
0049.snASASSN-15as	1200	09:03	09:39:16.6	+06:25:49	300	88	3.0	#220 ASASSN Tr	2	
0050.snASASSN-15as	1200	09:23	09:39:16.6	+06:25:49	300	88	3.0	#220 ASASSN Tr	2	
0051.COMP	10	09:44	09:39:16.6	+06:25:49	300	90	3.0	0 Calibration	2	
0052.Feige34	200	09:46	10:39:36.7	+43:06:09	300	90	3.0	#56 Spectropho	2	
0053.Feige34	200	09:51	10:39:36.7	+43:06:09	300	90	3.0	#56 Spectropho	2	
0054.COMP	10	09:56	10:39:36.7	+43:06:09	300	90	3.0	0 Calibration	2	
0055.snASASSN-15az	1200	10:00	11:08:37.6	-10:14:58	300	90	3.0	#220 ASASSN Tr	2	
0056.snASASSN-15az	1200	10:20	11:08:37.6	-10:14:58	300	90	3.0	#220 ASASSN Tr	2	
0057.COMP	10	10:40	11:08:37.6	-10:14:58	300	90	3.0	0 Calibration	2	
0058.snASASSN-14lp	300	10:42	12:45:09.1	-00:27:33	300	90	3.0	#2 SN Observat	2	
0059.snASASSN-14lp	300	10:47	12:45:09.1	-00:27:33	300	90	3.0	#2 SN Observat	2	
0060.COMP	10	10:53	12:45:09.1	-00:27:33	300	90	3.0	0 Calibration	2	
0061.snPSN13522411	1200	10:55	13:52:24.1	+39:41:29	300	90	3.0	#2 SN Observat	2	
0062.snPSN13522411	1200	11:15	13:52:24.1	+39:41:29	300	90	3.0	#2 SN Observat	2	
0063.snPSN13522411	1200	11:35	13:52:24.1	+39:41:29	300	90	3.0	#2 SN Observat	2	

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File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0064.COMP	10	11:56	13:52:24.1	+39:41:29	300	87	3.0	0 Calibration	2	
0065.snBRUTUS7038_7	1200	11:59	14:04:55.1	+08:55:13	300	87	3.0	#220 ASASSN Tr	2	
0066.snBRUTUS7038_7	1200	12:19	14:04:55.1	+08:55:13	300	87	3.0	#220 ASASSN Tr	2	
0067.COMP	10	12:39	14:04:55.1	+08:55:13	300	87	3.0	0 Calibration	2	
0068.ESO578-G09	900	12:41	13:56:36.7	-19:31:45	300	87	3.0	#99 BH-Mass	2	
0069.COMP	10	12:57	13:56:36.7	-19:31:45	300	89	3.0	0 Calibration	2	
0070.MARK841	300	12:59	15:04:01.2	+10:26:16	300	89	3.0	#99 BH-Mass	2	
0071.COMP	10	13:05	15:04:01.2	+10:26:16	300	89	3.0	0 Calibration	2	
0072.NGC5940	600	13:06	15:31:18.1	+07:27:28	300	89	3.0	#99 BH-Mass	2	
0073.COMP	10	13:17	15:31:18.1	+07:27:28	300	90	3.0	0 Calibration	2	
0074.MARK871	360	13:18	16:08:36.4	+12:19:51	300	90	3.0	#99 BH-Mass	2	
0075.COMP	10	13:25	16:08:36.4	+12:19:51	300	90	3.0	0 Calibration	2	
0076.BDp332642	120	13:26	15:51:59.9	+32:56:54	300	90	3.0	#56 Spectropho	2	
0077.COMP	10	13:28	15:51:59.9	+32:56:54	300	90	3.0	0 Calibration	2	
0078-0087.BIAS	0	13:32	15:51:59.9	+32:56:54	300	90	3.0	0 Calibration	2	
0088-0102.FLAT	7	13:37	15:51:59.9	+32:56:54	300	90	3.0	0 Calibration	2	