

UT Date 2016-12-05 Observers M CalkinsColl. Focus 1280 Grating/Grism 300

File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0001-0005.DARK	900	01:04	10:47:42.4	+13:59:08	300	89	3.0	0 Calibration	4	
0006-0015.BIAS	0	01:20	10:47:42.4	+13:59:08	300	89	3.0	0 Calibration	4	
0016-0035.FLAT	7	01:26	10:47:42.4	+13:59:08	300	89	3.0	0 Calibration	2	
0036-0045.BIAS	0	01:28	10:47:42.4	+13:59:08	300	89	3.0	0 Calibration	2	
0046.BDp284211	120	01:31	21:51:11.0	+28:51:50	300	89	3.0	#56 Spectropho	2	
0047.COMP	10	01:33	21:51:11.0	+28:51:50	300	89	3.0	0 Calibration	2	
0048.BDp174708	30	01:35	22:11:31.4	+18:05:34	300	89	3.0	#56 Spectropho	2	
0049.COMP	10	01:36	22:11:31.4	+18:05:34	300	89	3.0	0 Calibration	2	
0050.N7331	180	01:38	22:37:04.1	+34:24:56	300	89	3.0	#57 Velocity S	2	
0051.COMP	10	01:41	22:37:04.1	+34:24:56	300	90	3.0	0 Calibration	2	
0052.saASASSN-16fp	1800	01:45	21:59:04.1	+18:11:10	300	89	3.0	#220 ASASSN Tr	2	
0053.saASASSN-16fp	1800	02:15	21:59:04.1	+18:11:10	300	89	3.0	#220 ASASSN Tr	2	
0054.saASASSN-16fp	1800	02:45	21:59:04.1	+18:11:10	300	89	3.0	#220 ASASSN Tr	2	
0055.COMP	10	03:16	21:59:04.1	+18:11:10	300	89	3.0	0 Calibration	2	
0056.snPS16fbb	1800	03:25	00:07:03.2	-20:41:49	300	89	3.0	#2 SN Observat	2	
0057.COMP	10	03:55	00:07:03.2	-20:41:49	300	90	3.0	0 Calibration	2	
0058.snAT2016igr	1200	03:58	01:03:26.7	-04:52:39	300	90	3.0	#2 SN Observat	2	
0059.COMP	10	04:18	01:03:26.7	-04:52:39	300	89	3.0	0 Calibration	2	
0060.snAT2016htn	1800	04:56	02:11:29.1	-16:30:37	300	94	3.0	#2 SN Observat	2	row = 87 seeing much improved
0061.COMP	10	05:27	02:11:29.1	-16:30:37	300	95	3.0	0 Calibration	2	

UT Date 2016-12-05 Observers M CalkinsColl. Focus 1280 Grating/Grism 300

File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0062.snAT2016ipd	1500	05:31	01:53:34.4	+31:17:44	300	95	3.0	#220 ASASSN Tr	2	
0063.COMP	10	05:56	01:53:34.4	+31:17:44	300	95	3.0	0 Calibration	2	
0064.snAT2016htm	1800	06:00	02:32:02.6	-26:39:57	300	46	3.0	#2 SN Observat	2	
0065.snAT2016htm	1800	06:30	02:32:02.6	-26:39:57	300	46	3.0	#2 SN Observat	2	
0066.COMP	10	07:01	02:32:02.6	-26:39:57	300	46	3.0	0 Calibration	2	
0067.snASASSN-16nv	1800	07:04	05:48:27.0	-23:19:25	300	94	3.0	#220 ASASSN Tr	2	
0068.COMP	10	07:35	05:48:27.0	-23:19:25	300	95	3.0	0 Calibration	2	
0069.snATLAS16dtf	1200	07:39	06:44:02.2	+12:23:48	300	95	3.0	#2 SN Observat	2	
0070.COMP	10	07:59	06:44:02.2	+12:23:48	300	95	3.0	0 Calibration	2	
0071-0080.FLAT	12	08:15	06:13:11.5	-24:16:19	600	91	1.5	0 Calibration	4	
0081.j0148p02	1700	08:19	01:48:57.2	+02:32:25	600	91	1.5	#178 Low Mass	4	
0082.COMP	10	08:48	01:48:57.2	+02:32:25	600	89	1.5	0 Calibration	4	
0083.j0524p18	1500	08:50	05:24:47.2	+18:10:27	600	89	1.5	#178 Low Mass	4	
0084.COMP	10	09:15	05:24:47.2	+18:10:27	600	90	1.5	0 Calibration	4	
0085.j0525p18	1300	09:16	05:24:52.3	+18:32:33	600	90	1.5	#178 Low Mass	4	
0086.COMP	10	09:39	05:24:52.3	+18:32:33	600	90	1.5	0 Calibration	4	
0087.j0525m06	972	09:40	05:25:19.3	-06:26:07	600	88	1.5	#178 Low Mass	4	
0088.COMP	10	09:57	05:25:19.3	-06:26:07	600	88	1.5	0 Calibration	4	
0089.j0529p04	1200	10:05	05:29:33.9	+04:07:20	600	90	1.5	#178 Low Mass	4	
0090.COMP	10	10:25	05:29:33.9	+04:07:20	600	89	1.5	0 Calibration	4	

UT Date 2016-12-05 Observers M CalkinsColl. Focus 1280 Grating/Grism 300

File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0091.j0601p00	981	10:27	06:01:28.4	+00:56:01	600	89	1.5	#178 Low Mass	4	
0092.COMP	10	10:48	06:01:28.4	+00:56:01	600	89	1.5	0 Calibration	4	
0093.j0602p33	1500	10:50	06:02:57.0	+33:14:17	600	89	1.5	#178 Low Mass	4	
0094.COMP	10	11:16	06:02:57.0	+33:14:17	600	90	1.5	0 Calibration	4	
0095.j0603p34	1500	11:18	06:03:30.9	+34:00:30	600	90	1.5	#178 Low Mass	4	
0096.COMP	10	11:43	06:03:30.9	+34:00:30	600	89	1.5	0 Calibration	4	
0097.j0609p35	700	11:45	06:09:12.0	+35:25:49	600	95	1.5	#178 Low Mass	4	
0098.COMP	10	11:57	06:09:12.0	+35:25:49	600	94	1.5	0 Calibration	4	
0099.Feige34	180	11:59	10:39:36.7	+43:06:09	600	91	1.5	#56 Spectropho	4	
0100.COMP	10	12:03	10:39:36.7	+43:06:09	600	90	1.5	0 Calibration	4	
0101.snASASSN-16ns	1500	12:12	10:04:18.6	+43:25:29	300	79	3.0	#220 ASASSN Tr	2	
0102.COMP	10	12:38	10:04:18.6	+43:25:29	300	79	3.0	0 Calibration	2	
0103.snASASSN-16no	1500	12:39	08:07:27.4	+25:07:45	300	90	3.0	#220 ASASSN Tr	2	
0104.COMP	10	13:05	08:07:27.4	+25:07:45	300	90	3.0	0 Calibration	2	
0105.Feige34	150	13:07	10:39:36.7	+43:06:09	300	90	3.0	#56 Spectropho	2	
0106.COMP	10	13:10	10:39:36.7	+43:06:09	300	90	3.0	0 Calibration	2	
0107.HD84937	27	13:12	09:48:56.1	+13:44:39	300	90	3.0	#56 Spectropho	2	
0108.COMP	10	13:13	09:48:56.1	+13:44:39	300	90	3.0	0 Calibration	2	
0109.HD84937	15	13:14	09:48:56.1	+13:44:39	300	90	3.0	#56 Spectropho	2	
0110.COMP	10	13:15	09:48:56.1	+13:44:39	300	90	3.0	0 Calibration	2	

UT Date 2016-12-05 Observers M CalkinsColl. Focus 1280 Grating/Grism 300

<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>
0111-0120.BIAS	0	13:18	09:48:56.1	+13:44:39	300	90	3.0	0 Calibration	2	
0121-0140.FLAT	7	13:23	09:48:56.1	+13:44:39	300	90	3.0	0 Calibration	2	