

UT Date 2016-07-08 Observers M CalkinsColl. Focus 1320 Grating/Grism 300

File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0001-0004.DARK	900	03:01	13:51:26.3	+31:35:09	300	90	3.0	0 Calibration	4	
0005-0014.BIAS	0	03:18	13:51:26.3	+31:35:09	300	90	3.0	0 Calibration	4	
0015-0034.FLAT	7	03:25	13:51:26.3	+31:35:09	300	90	3.0	0 Calibration	2	
0035-0044.BIAS	0	03:28	13:51:26.3	+31:35:09	300	90	3.0	0 Calibration	2	
0045.Feige34	120	03:39	10:39:36.7	+43:06:09	300	90	3.0	#56 Spectropho	2	ADC on, airmass 1.75
0046.COMP	10	03:42	10:39:36.7	+43:06:09	300	89	3.0	0 Calibration	2	
0047.Feige34	120	03:48	10:39:36.7	+43:06:09	300	89	3.0	#56 Spectropho	2	shutter failure
0048.COMP	10	03:50	10:39:36.7	+43:06:09	300	89	3.0	0 Calibration	2	
0049.Feige34	120	03:51	10:39:36.7	+43:06:09	300	89	3.0	#56 Spectropho	2	shutter failure
0050.COMP	10	03:54	10:39:36.7	+43:06:09	300	89	3.0	0 Calibration	2	shutter failure
0051.Feige34	120	03:55	10:39:36.7	+43:06:09	300	89	3.0	#56 Spectropho	2	adc off, airmass 1.95
0052.COMP	10	03:57	10:39:36.7	+43:06:09	300	90	3.0	0 Calibration	2	shutter failure
0053.COMP	10	03:58	10:39:36.7	+43:06:09	300	90	3.0	0 Calibration	2	
0054.Feige34	120	04:01	10:39:36.7	+43:06:09	300	74	3.0	#56 Spectropho	2	shutter failure
0055.Feige34	120	04:04	10:39:36.7	+43:06:09	300	74	3.0	#56 Spectropho	2	adc off, roatated to 74, airmass = 2
0056.COMP	10	04:07	10:39:36.7	+43:06:09	300	74	3.0	0 Calibration	2	shutter failure
0057.COMP	10	04:08	10:39:36.7	+43:06:09	300	74	3.0	0 Calibration	2	
0058.COMP	10	04:13	15:54:01.8	+31:33:09	300	74	3.0	0 Calibration	2	shutter failure
0059.COMP	10	04:26	16:07:30.3	+31:32:53	300	89	3.0	0 Calibration	2	
0060.COMP	10	04:28	16:07:30.3	+31:32:53	300	89	3.0	0 Calibration	2	

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0061.BDp332642	120	04:30	15:51:59.9	+32:56:54	300	89	3.0	#56 Spectropho	2	
0062.COMP	10	04:33	15:51:59.9	+32:56:54	300	90	3.0	0 Calibration	2	
0063.BDp262606	35	04:35	14:49:02.4	+25:42:09	300	90	3.0	#56 Spectropho	2	
0064.COMP	10	04:36	14:49:02.4	+25:42:09	300	90	3.0	0 Calibration	2	
0065.AGDra	2	04:41	16:01:41.0	+66:48:10	300	90	3.0	#12 Symbiotic	2	
0066.AGDra	15	04:41	16:01:41.0	+66:48:10	300	90	3.0	#12 Symbiotic	2	
0067.AGDra	60	04:42	16:01:41.0	+66:48:10	300	87	3.0	#12 Symbiotic	2	
0068.COMP	10	04:44	16:01:41.0	+66:48:10	300	87	3.0	0 Calibration	2	
0069.AS210	5	04:49	16:51:20.3	-26:00:33	300	87	3.0	#12 Symbiotic	2	
0070.AS210	300	04:49	16:51:20.3	-26:00:33	300	87	3.0	#12 Symbiotic	2	
0071.COMP	10	04:55	16:51:20.3	-26:00:33	300	90	3.0	0 Calibration	2	
0072.Hen1341	12	04:57	17:08:36.0	-17:26:30	300	90	3.0	#12 Symbiotic	2	
0073.Hen1341	30	04:59	17:08:36.0	-17:26:30	300	90	3.0	#12 Symbiotic	2	
0074.Hen1341	60	05:01	17:08:36.0	-17:26:30	300	90	3.0	#12 Symbiotic	2	
0075.COMP	10	05:03	17:08:36.0	-17:26:30	300	90	3.0	0 Calibration	2	
0076.snASASSN-16hc	1800	05:07	13:59:04.5	+33:08:20	300	109	3.0	#220 ASASSN Tr	2	
0077.COMP	10	05:37	13:59:04.5	+33:08:20	300	109	3.0	0 Calibration	2	
0078.PS16cvb	1800	05:45	19:08:42.2	+49:44:17	300	90	3.0	#225 SLSNe and	2	
0079.COMP	10	06:16	19:08:42.2	+49:44:17	300	84	3.0	0 Calibration	2	
0080.PS16cva	1800	06:19	18:49:15.4	+41:07:16	300	84	3.0	#225 SLSNe and	2	

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0081.COMP	10	06:50	18:49:15.4	+41:07:16	300	84	3.0	0 Calibration	2	
0082.snPS16cvc	1800	07:00	21:12:23.4	+14:46:45	300	84	3.0	#2 SN Observat	2	
0083.COMP	10	07:32	21:12:23.4	+14:46:45	300	89	3.0	0 Calibration	2	
0084.snASASSN-16gs	1800	07:36	20:17:27.5	-16:33:07	300	89	3.0	#220 ASASSN Tr	2	
0085.COMP	10	08:06	20:17:27.5	-16:33:07	300	89	3.0	0 Calibration	2	
0086.snAT2016cvw	2100	08:14	22:46:12.8	+10:33:33	300	89	3.0	#2 SN Observat	2	
0087.COMP	10	08:49	22:46:12.8	+10:33:33	300	90	3.0	0 Calibration	2	
0088.ec20406-2203	772	09:00	20:43:35.2	-21:52:27	600	90	1.5	#178 Low Mass	4	
0089.COMP	10	09:13	20:43:35.2	-21:52:27	600	89	1.5	0 Calibration	4	
0090.BDp284211	120	09:16	21:51:11.0	+28:51:50	600	89	1.5	#56 Spectropho	4	
0091.COMP	10	09:19	21:51:11.0	+28:51:50	600	89	1.5	0 Calibration	4	
0092.BDp284211	120	09:22	21:51:11.0	+28:51:50	600	109	1.5	#56 Spectropho	4	
0093.COMP	10	09:24	21:51:11.0	+28:51:50	600	109	1.5	0 Calibration	4	
0094.ec20419-1529	118	09:31	20:44:41.9	-15:18:16	600	90	1.5	#178 Low Mass	4	
0095.COMP	10	09:38	20:44:41.9	-15:18:16	600	90	1.5	0 Calibration	4	
0096.ec20422-1556	53	09:39	20:45:05.2	-15:45:33	600	90	1.5	#178 Low Mass	4	
0097.COMP	10	09:40	20:45:05.2	-15:45:33	600	90	1.5	0 Calibration	4	
0098.ec20449-1730	613	09:42	20:47:44.8	-17:19:05	600	90	1.5	#178 Low Mass	4	
0099.COMP	10	09:53	20:47:44.8	-17:19:05	600	90	1.5	0 Calibration	4	
0100.ec20464-1630	424	09:54	20:49:17.3	-16:19:26	600	90	1.5	#178 Low Mass	4	

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0101.COMP	10	10:01	20:49:17.3	-16:19:26	600	90	1.5	0 Calibration	4	
0102.ec20536-2157	1500	10:04	20:56:33.4	-21:46:24	600	90	1.5	#178 Low Mass	4	
0103.COMP	10	10:29	20:56:33.4	-21:46:24	600	91	1.5	0 Calibration	4	
0104.ec21069-1553	1033	10:31	21:09:43.4	-15:41:33	600	91	1.5	#178 Low Mass	4	
0105.COMP	10	10:49	21:09:43.4	-15:41:33	600	90	1.5	0 Calibration	4	
0106.ec21191-1605	1404	10:50	21:21:56.8	-15:52:33	600	90	1.5	#178 Low Mass	4	
0107.COMP	10	11:14	21:21:56.8	-15:52:33	600	90	1.5	0 Calibration	4	
0108-0117.FLAT	12	11:19	21:21:56.8	-15:52:33	600	90	1.5	0 Calibration	4	
0118.COMP	10	11:22	21:21:56.8	-15:52:33	300	90	3.0	0 Calibration	2	
0119.COMP	10	11:24	21:21:56.8	-15:52:33	300	90	3.0	0 Calibration	2	
0120.COMP	10	11:25	21:21:56.8	-15:52:33	300	90	3.0	0 Calibration	2	
0121.snASASSN-16gy	300	11:28	02:21:22.8	+16:33:55	300	90	3.0	#220 ASASSN Tr	2	
0122.COMP	10	11:33	02:21:22.8	+16:33:55	300	90	3.0	0 Calibration	2	
0123-0132.BIAS	0	11:39	02:21:22.8	+16:33:55	300	90	3.0	0 Calibration	2	
0133-0142.FLAT	7	11:42	02:21:22.8	+16:33:55	300	90	3.0	0 Calibration	2	
0143-0147.DARK	900	12:47	02:21:22.8	+16:33:55	300	90	3.0	0 Calibration	4	
0148-0152.DARK	900	14:03	02:21:22.8	+16:33:55	300	90	3.0	0 Calibration	2	