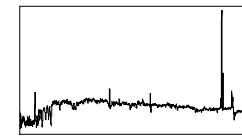
UT Date 2017-12-13 Observers M CalkinsColl. Focus 1290 Grating/Grism 300

File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0001.BIAS	0	19:02	17:04:19.5	+31:30:26	300	86	3.0	0 Calibration	2	
0002.COMP	10	19:10	17:04:19.5	+31:30:26	300	86	3.0	0 Calibration	2	
0003-0012.BIAS	0	01:17	23:20:29.3	+31:30:26	300	87	3.0	0 Calibration	4	
0013-0032.FLAT	7	01:23	23:20:29.3	+31:30:26	300	87	3.0	0 Calibration	2	
0033-0042.BIAS	0	01:26	23:20:29.3	+31:30:26	300	87	3.0	0 Calibration	2	
0043.BDp284211	150	01:35	21:51:11.0	+28:51:50	300	87	3.0	#56 Spectropho	2	
0044.COMP	10	01:38	21:51:11.0	+28:51:50	300	83	3.0	0 Calibration	2	
0045.BDp174708	90	01:39	22:11:31.4	+18:05:34	300	83	3.0	#56 Spectropho	2	
0046.COMP	10	01:41	22:11:31.4	+18:05:34	300	83	3.0	0 Calibration	2	
0047.AT2017isc	1800	01:50	00:11:01.2	-01:31:12	300	83	3.0	#225	2	
0048.AT2017isc	1800	02:22	00:11:01.2	-01:31:12	300	87	3.0	#225	2	
0049.AT2017isc	1800	02:52	00:11:01.2	-01:31:12	300	87	3.0	#225	2	
0050.COMP	10	03:23	00:11:01.2	-01:31:12	300	87	3.0	0 Calibration	2	
0051.J0121+0112	1800	03:27	01:21:50.7	+01:12:59	300	88	3.0	#99 Falco	2	
0052.J0121+0112	1800	03:57	01:21:50.7	+01:12:59	300	88	3.0	#99 Falco	2	
0053.J0121+0112	1800	04:27	01:21:50.7	+01:12:59	300	88	3.0	#99 Falco	2	
0054.COMP	10	04:58	01:21:50.7	+01:12:59	300	86	3.0	0 Calibration	2	
0055.snAT2017ive	1800	05:00	02:47:53.2	+41:13:01	300	86	3.0	#2 SN Observat	2	
0056.snAT2017ive	1800	05:36	02:47:53.2	+41:13:01	300	86	3.0	#2 SN Observat	2	
0057.COMP	10	06:06	02:47:53.2	+41:13:01	300	86	3.0	0 Calibration	2	

UT Date 2017-12-13 Observers M CalkinsColl. Focus 1290 Grating/Grism 300

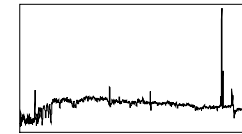
File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0058.snAT2017iub	1800	06:47	05:11:49.3	+67:29:15	300	20	3.0	#2 SN Observat	2	
0059.COMP	10	07:18	05:11:49.3	+67:29:15	300	20	3.0	0 Calibration	2	
0060.snAT2017itb	2100	07:21	05:26:22.7	+73:46:29	300	90	3.0	#2 SN Observat	2	
0061.COMP	10	07:57	05:26:22.7	+73:46:29	300	90	3.0	0 Calibration	2	
0062.GITau	240	08:00	04:33:34.0	+24:21:18	300	90	3.0	#12 Symbiotic	2	
0063.COMP	10	08:04	04:33:34.0	+24:21:18	300	90	3.0	0 Calibration	2	
0064.GKTau	240	08:05	04:33:34.5	+24:21:07	300	90	3.0	#12 Symbiotic	2	
0065.COMP	10	08:09	04:33:34.5	+24:21:07	300	90	3.0	0 Calibration	2	
0066.BGGem	300	08:12	06:03:31.0	+27:41:50	300	90	3.0	#12 Symbiotic	2	
0067.BGGem	1200	08:18	06:03:31.0	+27:41:50	300	90	3.0	#12 Symbiotic	2	
0068.COMP	10	08:38	06:03:31.0	+27:41:50	300	90	3.0	0 Calibration	2	
0069.BXMon	15	08:40	07:25:23.0	-03:35:51	300	90	3.0	#12 Symbiotic	2	
0070.BXMon	180	08:41	07:25:23.0	-03:35:51	300	90	3.0	#12 Symbiotic	2	
0071.COMP	10	08:45	07:25:23.0	-03:35:51	300	90	3.0	0 Calibration	2	
0072.SN2017egm	1800	08:53	10:19:05.6	+46:27:14	300	21	3.0	#225	2	
0073.SN2017egm	1800	09:23	10:19:05.6	+46:27:14	300	21	3.0	#225	2	
0074.SN2017egm	1800	09:54	10:19:05.6	+46:27:14	300	21	3.0	#225	2	
0075.COMP	10	10:24	10:19:05.6	+46:27:14	300	20	3.0	0 Calibration	2	
0076.HD84937	45	10:26	09:48:56.1	+13:44:39	300	90	3.0	#56 Spectropho	2	
0077.COMP	10	10:27	09:48:56.1	+13:44:39	300	90	3.0	0 Calibration	2	

UT Date 2017-12-13 Observers M CalkinsColl. Focus 1290 Grating/Grism 300

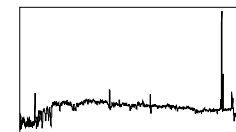
File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0078.HD84937	25	10:28	09:48:56.1	+13:44:39	300	90	3.0	#56 Spectropho	2	
0079.COMP	10	10:29	09:48:56.1	+13:44:39	300	90	3.0	0 Calibration	2	
0080.Feige34	100	10:31	10:39:36.7	+43:06:09	300	90	3.0	#56 Spectropho	2	
0081.COMP	10	10:33	10:39:36.7	+43:06:09	300	89	3.0	0 Calibration	2	
0082.sn2017isj	1200	10:35	11:10:44.6	+04:50:51	300	89	3.0	#2 SN Observat	2	
0083.COMP	10	10:56	11:10:44.6	+04:50:51	300	89	3.0	0 Calibration	2	
0084.snAT2017igf	1200	11:00	11:42:49.9	+77:22:13	300	89	3.0	#2 SN Observat	2	
0085.COMP	10	11:20	11:42:49.9	+77:22:13	300	90	3.0	0 Calibration	2	
0086.AT2017hvp	2100	11:26	11:53:15.5	+15:03:49	300	90	3.0	#225	2	
0087.COMP	10	12:03	11:53:15.5	+15:03:49	300	90	3.0	0 Calibration	2	
0088.snASASSN17ot	1800	12:06	09:39:12.3	-01:20:23	300	90	3.0	#220 ASASSN Tr	2	
0089.COMP	10	12:36	09:39:12.3	-01:20:23	300	90	3.0	0 Calibration	2	
0090.TXCVn	10	12:41	12:44:42.0	+36:45:48	300	90	3.0	#12 Symbiotic	2	
0091.TXCVn	30	12:42	12:44:42.0	+36:45:48	300	90	3.0	#12 Symbiotic	2	
0092.COMP	10	12:43	12:44:42.0	+36:45:48	300	89	3.0	0 Calibration	2	
0093.N4853	420	12:44	12:58:35.2	+27:35:47	300	89	3.0	#57 Velocity S	2	
0094.COMP	10	12:52	12:58:35.2	+27:35:47	300	90	3.0	0 Calibration	2	
0095.N3377	360	12:56	10:47:42.4	+13:59:08	300	90	3.0	#57 Velocity S	2	
0096.COMP	10	13:03	10:47:42.4	+13:59:08	300	89	3.0	0 Calibration	2	
0097-0106.BIAS	0	13:08	10:47:42.4	+13:59:08	300	89	3.0	0 Calibration	2	

UT Date 2017-12-13 Observers M CalkinsColl. Focus 1290 Grating/Grism 300

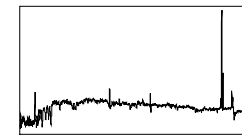
<i>File</i>	<i>Exp Time</i>	<i>UT Start</i>	<i>RA</i>	<i>Dec</i>	<i>Gr.</i>	<i>P.A.</i>	<i>Slit</i>	<i>Program</i>	<i>Bin</i>	<i>Comments</i>
0107-0126.FLAT	7	13:15	10:47:42.4	+13:59:08	300	89	3.0	0 Calibration	2	
0127-0136.DARK	900	15:36	10:47:42.4	+13:59:08	300	89	3.0	0 Calibration	2	

UT Date 2017-12-14 Observers M CalkinsColl. Focus 1290 Grating/Grism 600

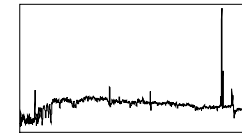
File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0001-0010.BIAS	0	00:55	10:47:42.4	+13:59:08	600	89	1.5	0 Calibration	4	
0011-0030.FLAT	12	01:02	10:47:42.4	+13:59:08	600	89	1.5	0 Calibration	4	
0031.bb347	900	01:25	21:35:47.1	-11:37:54	600	89	1.5	#178 Low Mass	4	
0032.COMP	10	01:41	21:35:47.1	-11:37:54	600	89	1.5	0 Calibration	4	
0033.bb374	190	01:43	21:46:46.0	+00:42:42	600	89	1.5	#178 Low Mass	4	
0034.COMP	10	01:46	21:46:46.0	+00:42:42	600	89	1.5	0 Calibration	4	
0035.BDp284211	150	01:51	21:51:11.0	+28:51:50	600	89	1.5	#56 Spectropho	4	
0036.COMP	10	01:54	21:51:11.0	+28:51:50	600	88	1.5	0 Calibration	4	
0037.AT2017gul	1800	02:05	22:54:13.3	-21:41:00	300	88	3.0	#225	2	
0038.AT2017gul	1800	02:35	22:54:13.3	-21:41:00	300	88	3.0	#225	2	
0039.AT2017gul	1800	03:05	22:54:13.3	-21:41:00	300	87	3.0	#225	2	
0040.COMP	10	03:36	22:54:13.3	-21:41:00	300	87	3.0	0 Calibration	2	
0041.AT2017iss	1800	03:39	22:29:49.2	+23:00:36	300	89	3.0	#225	2	
0042.AT2017iss	1800	04:09	22:29:49.2	+23:00:36	300	89	3.0	#225	2	
0043.COMP	10	04:40	22:29:49.2	+23:00:36	300	88	3.0	0 Calibration	2	
0044.J0332-2757	1800	04:45	03:32:39.0	-27:57:00	300	88	3.0	#99 Falco	2	
0045.COMP	10	05:16	03:32:39.0	-27:57:00	300	88	3.0	0 Calibration	2	
0046.HD8779	7	05:24	01:26:27.3	-00:23:57	300	87	3.0	#99 Falco	2	
0047.HD8779	3	05:24	01:26:27.3	-00:23:57	300	87	3.0	#99 Falco	2	
0048.HD8779	2	05:25	01:26:27.3	-00:23:57	300	87	3.0	#99 Falco	2	

UT Date 2017-12-14 Observers M CalkinsColl. Focus 1290 Grating/Grism 600

File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0049.COMP	10	05:25	01:26:27.3	-00:23:57	300	87	3.0	0 Calibration	2	
0050.J0121+0112	1800	05:27	01:21:50.7	+01:12:59	300	87	3.0	#99 Falco	2	
0051.J0121+0112	1800	05:57	01:21:50.7	+01:12:59	300	87	3.0	#99 Falco	2	
0052.J0121+0112	1800	06:35	01:21:50.7	+01:12:59	300	89	3.0	#99 Falco	2	
0053.COMP	10	07:05	01:21:50.7	+01:12:59	300	89	3.0	0 Calibration	2	
0054.snAT2017ixb	1800	07:45	02:11:15.4	+37:29:48	300	51	3.0	#2 SN Observat	2	
0055.COMP	10	08:16	02:11:15.4	+37:29:48	300	50	3.0	0 Calibration	2	
0056.G191B2B	300	08:59	05:05:30.6	+52:49:52	300	90	3.0	#56 Spectropho	2	
0057.COMP	10	09:04	05:05:30.6	+52:49:52	300	90	3.0	0 Calibration	2	
0058.Hiltner600	120	09:06	06:45:13.4	+02:08:15	300	89	3.0	#56 Spectropho	2	
0059.COMP	10	09:09	06:45:13.4	+02:08:15	300	89	3.0	0 Calibration	2	
0060.snAT2017iub	1800	09:14	05:11:49.3	+67:29:15	300	0	3.0	#2 SN Observat	2	
0061.snAT2017iub	1800	09:44	05:11:49.3	+67:29:15	300	0	3.0	#2 SN Observat	2	
0062.COMP	10	10:15	05:11:49.3	+67:29:15	300	0	3.0	0 Calibration	2	
0063.N3377	300	10:19	10:47:42.4	+13:59:08	300	90	3.0	#57 Velocity S	2	
0064.COMP	10	10:25	10:47:42.4	+13:59:08	300	90	3.0	0 Calibration	2	
0065.sn2017isj	1500	10:29	11:10:44.6	+04:50:51	300	90	3.0	#2 SN Observat	2	
0066.COMP	10	10:54	11:10:44.6	+04:50:51	300	90	3.0	0 Calibration	2	
0067.snAT2017igf	1200	10:59	11:42:49.9	+77:22:13	300	90	3.0	#2 SN Observat	2	
0068.COMP	10	11:19	11:42:49.9	+77:22:13	300	90	3.0	0 Calibration	2	

UT Date 2017-12-14 Observers M CalkinsColl. Focus 1290 Grating/Grism 600

File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0069-0088.FLAT	7	11:33	12:05:45.6	+10:23:54	300	90	3.0	0 Calibration	2	
0089.Feige34	120	11:38	10:39:36.7	+43:06:09	600	90	1.5	#56 Spectropho	4	
0090.COMP	10	11:42	10:39:36.7	+43:06:09	600	89	1.5	0 Calibration	4	
0091.bb844	251	11:45	09:57:12.2	-01:30:45	600	89	1.5	#178 Low Mass	4	
0092.COMP	10	11:49	09:57:12.2	-01:30:45	600	89	1.5	0 Calibration	4	
0093.bb845	33	11:50	09:58:26.8	-07:42:27	600	89	1.5	#178 Low Mass	4	
0094.COMP	10	11:51	09:58:26.8	-07:42:27	600	89	1.5	0 Calibration	4	
0095.bb846	75	11:52	10:00:53.4	-05:04:06	600	89	1.5	#178 Low Mass	4	
0096.COMP	10	11:54	10:00:53.4	-05:04:06	600	89	1.5	0 Calibration	4	
0097.bb847	83	11:55	10:06:36.1	-15:31:00	600	89	1.5	#178 Low Mass	4	
0098.COMP	10	11:57	10:06:36.1	-15:31:00	600	89	1.5	0 Calibration	4	
0099.bb848	161	11:59	10:09:27.4	-00:31:46	600	89	1.5	#178 Low Mass	4	
0100.COMP	10	12:02	10:09:27.4	-00:31:46	600	89	1.5	0 Calibration	4	
0101.bb849	493	12:04	10:10:31.2	-04:18:41	600	89	1.5	#178 Low Mass	4	
0102.COMP	10	12:12	10:10:31.2	-04:18:41	600	89	1.5	0 Calibration	4	
0103.bb850	277	12:14	10:12:52.5	-18:21:40	600	80	1.5	#178 Low Mass	4	
0104.COMP	10	12:19	10:12:52.5	-18:21:40	600	80	1.5	0 Calibration	4	
0105.bb851	173	12:21	10:13:25.4	-12:45:13	600	89	1.5	#178 Low Mass	4	
0106.COMP	10	12:24	10:13:25.4	-12:45:13	600	90	1.5	0 Calibration	4	
0107.bb853	568	12:25	10:17:44.0	-17:46:27	600	90	1.5	#178 Low Mass	4	

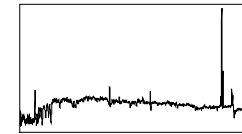
UT Date 2017-12-14 Observers M CalkinsColl. Focus 1290 Grating/Grism 600

File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0108.COMP	10	12:35	10:17:44.0	-17:46:27	600	89	1.5	0 Calibration	4	
0109.bb854	393	12:37	10:18:27.6	-17:55:40	600	89	1.5	#178 Low Mass	4	
0110.COMP	10	12:44	10:18:27.6	-17:55:40	600	89	1.5	0 Calibration	4	
0111.bb855	138	12:49	10:19:00.0	-12:47:19	600	89	1.5	#178 Low Mass	4	
0112.COMP	10	12:52	10:19:00.0	-12:47:19	600	90	1.5	0 Calibration	4	
0113.bb856	259	12:53	10:19:35.5	-00:51:12	600	90	1.5	#178 Low Mass	4	
0114.COMP	10	12:57	10:19:35.5	-00:51:12	600	90	1.5	0 Calibration	4	
0115.bb857	46	12:59	10:24:33.1	-19:45:07	600	90	1.5	#178 Low Mass	4	
0116.COMP	10	13:01	10:24:33.1	-19:45:07	600	90	1.5	0 Calibration	4	
0117.bb858	48	13:02	10:26:57.5	-02:03:20	600	90	1.5	#178 Low Mass	4	
0118.COMP	10	13:03	10:26:57.5	-02:03:20	600	90	1.5	0 Calibration	4	
0119.bb859	53	13:05	10:30:48.6	-14:12:40	600	90	1.5	#178 Low Mass	4	
0120.COMP	10	13:06	10:30:48.6	-14:12:40	600	90	1.5	0 Calibration	4	
0121.bb860	55	13:07	10:32:22.9	-16:10:51	600	90	1.5	#178 Low Mass	4	
0122.COMP	10	13:08	10:32:22.9	-16:10:51	600	90	1.5	0 Calibration	4	
0123.bb862	45	13:09	10:36:40.9	-06:55:18	600	90	1.5	#178 Low Mass	4	
0124.COMP	10	13:11	10:36:40.9	-06:55:18	600	90	1.5	0 Calibration	4	
0125.bb864	91	13:12	10:38:41.6	-15:29:32	600	90	1.5	#178 Low Mass	4	
0126.COMP	10	13:14	10:38:41.6	-15:29:32	600	90	1.5	0 Calibration	4	
0127.bb866	107	13:15	10:40:37.5	-17:46:42	600	90	1.5	#178 Low Mass	4	



UT Date 2017-12-14 Observers M CalkinsColl. Focus 1290 Grating/Grism 600

<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>
0128.COMP	10	13:17	10:40:37.5	-17:46:42	600	90	1.5	0 Calibration	4	
0129-0148.FLAT	12	13:26	10:40:37.5	-17:46:42	600	90	1.5	0 Calibration	4	
0149-0158.BIAS	0	13:28	10:40:37.5	-17:46:42	600	90	1.5	0 Calibration	4	
0159-0178.BIAS	0	13:31	10:40:37.5	-17:46:42	600	90	1.5	0 Calibration	2	
0179-0183.DARK	900	14:32	10:40:37.5	-17:46:42	600	90	1.5	0 Calibration	4	
0184-0187.DARK	900	15:33	10:40:37.5	-17:46:42	600	90	1.5	0 Calibration	2	

UT Date 2017-12-15 Observers M CalkinsColl. Focus 1290 Grating/Grism 300

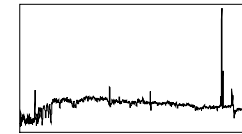
File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0001-0010.BIAS	0	00:51	10:40:37.5	-17:46:42	300	90	3.0	0 Calibration	4	
0011-0030.FLAT	7	01:09	10:40:37.5	-17:46:42	300	90	3.0	0 Calibration	2	
0031-0040.BIAS	0	01:18	10:40:37.5	-17:46:42	300	90	3.0	0 Calibration	2	
0041.BRUTUS8100_1	1800	01:25	20:28:49.8	-04:22:57	300	88	3.0	#220 ASASSN Tr	2	
0042.COMP	10	01:56	20:28:49.8	-04:22:57	300	87	3.0	0 Calibration	2	
0043.BDp284211	120	02:00	21:51:11.0	+28:51:50	300	87	3.0	#56 Spectropho	2	
0044.COMP	10	02:02	21:51:11.0	+28:51:50	300	88	3.0	0 Calibration	2	
0045.BDp174708	35	02:04	22:11:31.4	+18:05:34	300	88	3.0	#56 Spectropho	2	
0046.COMP	10	02:05	22:11:31.4	+18:05:34	300	88	3.0	0 Calibration	2	
0047.M31	60	02:07	00:42:44.3	+41:16:09	300	88	3.0	#57 Velocity S	2	
0048.COMP	10	02:09	00:42:44.3	+41:16:09	300	88	3.0	0 Calibration	2	
0049.PS16dtm	1800	02:11	01:58:04.7	-00:52:22	300	88	3.0	#225	2	
0050.PS16dtm	1800	02:46	01:58:04.7	-00:52:22	300	89	3.0	#225	2	
0051.PS16dtm	1800	03:16	01:58:04.7	-00:52:22	300	89	3.0	#225	2	
0052.COMP	10	03:47	01:58:04.7	-00:52:22	300	89	3.0	0 Calibration	2	
0053.BDp284211	120	03:54	21:51:11.0	+28:51:50	600	89	1.5	#56 Spectropho	4	
0054.COMP	10	03:56	21:51:11.0	+28:51:50	600	88	1.5	0 Calibration	4	
0055.j2221p24	1067	04:00	22:21:45.5	+24:25:42	600	88	1.5	#178 Low Mass	4	
0056.COMP	10	04:18	22:21:45.5	+24:25:42	600	89	1.5	0 Calibration	4	
0057.j2223p31	1800	04:20	22:23:17.4	+31:09:57	600	89	1.5	#178 Low Mass	4	

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File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0058.COMP	10	04:50	22:23:17.4	+31:09:57	600	89	1.5	0 Calibration	4	
0059.j0155p04	1600	04:56	01:55:50.2	+04:31:31	600	89	1.5	#178 Low Mass	4	
0060.COMP	10	05:24	01:55:50.2	+04:31:31	600	87	1.5	0 Calibration	4	
0061.j0215p05	1600	05:25	02:15:14.9	+05:02:28	600	87	1.5	#178 Low Mass	4	
0062.COMP	10	05:52	02:15:14.9	+05:02:28	600	87	1.5	0 Calibration	4	
0063.j0215p04	1592	05:54	02:15:36.7	+04:13:38	600	87	1.5	#178 Low Mass	4	
0064.COMP	10	06:21	02:15:36.7	+04:13:38	600	87	1.5	0 Calibration	4	
0065-0074.FLAT	12	06:25	02:15:36.7	+04:13:38	600	87	1.5	0 Calibration	4	
0075.COMP	5	06:28	02:15:36.7	+04:13:38	300	87	3.0	0 Calibration	4	
0076.COMP	5	06:30	02:15:36.7	+04:13:38	300	87	3.0	0 Calibration	4	
0077.J0121+0112	1800	06:38	01:21:50.7	+01:12:59	300	87	3.0	#99 Falco	2	
0078.J0121+0112	1800	07:08	01:21:50.7	+01:12:59	300	87	3.0	#99 Falco	2	
0079.COMP	10	07:39	01:21:50.7	+01:12:59	300	87	3.0	0 Calibration	2	
0080.HD8779	3	07:41	01:26:27.3	-00:23:57	300	87	3.0	#99 Falco	2	
0081.COMP	10	07:41	01:26:27.3	-00:23:57	300	87	3.0	0 Calibration	2	
0082.sn2017hpa	1800	07:49	04:39:50.8	+07:03:55	300	87	3.0	#2 SN Observat	2	
0083.COMP	10	08:19	04:39:50.8	+07:03:55	300	88	3.0	0 Calibration	2	
0084.PS16eqm	1800	08:24	06:37:21.2	-29:22:11	300	71	3.0	#225	2	
0085.PS16eqm	1800	08:55	06:37:21.2	-29:22:11	300	71	3.0	#225	2	
0086.PS16eqm	1800	09:25	06:37:21.2	-29:22:11	300	71	3.0	#225	2	

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File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0087.COMP	10	09:55	06:37:21.2	-29:22:11	300	70	3.0	0 Calibration	2	
0088.G191B2B	300	09:59	05:05:30.6	+52:49:52	300	89	3.0	#56 Spectropho	2	
0089.COMP	10	10:04	05:05:30.6	+52:49:52	300	90	3.0	0 Calibration	2	
0090.Hiltner600	120	10:10	06:45:13.4	+02:08:15	300	89	3.0	#56 Spectropho	2	
0091.COMP	10	10:12	06:45:13.4	+02:08:15	300	89	3.0	0 Calibration	2	
0092.snAT2017hjl	2400	10:19	05:08:44.0	+70:28:32	300	60	3.0	#2 SN Observat	2	
0093.COMP	10	10:59	05:08:44.0	+70:28:32	300	61	3.0	0 Calibration	2	
0094.SN2017egm	1800	11:05	10:19:05.6	+46:27:14	300	0	3.0	#225	2	
0095.SN2017egm	1800	11:35	10:19:05.6	+46:27:14	300	0	3.0	#225	2	
0096.COMP	10	12:06	10:19:05.6	+46:27:14	300	0	3.0	0 Calibration	2	
0097-0106.FLAT	7	12:13	11:31:53.0	+29:59:45	300	90	3.0	0 Calibration	2	
0107.PS17bgn	1200	12:16	11:31:53.0	+29:59:45	300	90	3.0	#225	2	
0108.PS17bgn	1200	12:36	11:31:53.0	+29:59:45	300	89	3.0	#225	2	
0109.PS17bgn	1200	12:56	11:31:53.0	+29:59:45	300	89	3.0	#225	2	
0110.COMP	10	13:17	11:31:53.0	+29:59:45	300	89	3.0	0 Calibration	2	
0111.HD84937	60	13:18	09:48:56.1	+13:44:39	300	89	3.0	#56 Spectropho	2	
0112.COMP	10	13:19	09:48:56.1	+13:44:39	300	89	3.0	0 Calibration	2	
0113.HD84937	35	13:20	09:48:56.1	+13:44:39	300	89	3.0	#56 Spectropho	2	
0114.COMP	10	13:21	09:48:56.1	+13:44:39	300	89	3.0	0 Calibration	2	
0115-0124.FLAT	7	13:26	09:48:56.1	+13:44:39	300	89	3.0	0 Calibration	2	

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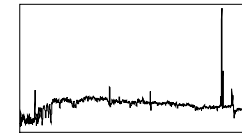
<i>File</i>	<i>Exp Time</i>	<i>UT Start</i>	<i>RA</i>	<i>Dec</i>	<i>Gr.</i>	<i>P.A.</i>	<i>Slit</i>	<i>Program</i>	<i>Bin</i>	<i>Comments</i>
0125.COMP	5	13:28	09:48:56.1	+13:44:39	300	89	3.0	0 Calibration	2	
0126-0135.BIAS	0	13:31	09:48:56.1	+13:44:39	300	89	3.0	0 Calibration	2	
0136-0145.BIAS	0	13:34	09:48:56.1	+13:44:39	300	89	3.0	0 Calibration	4	

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File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0001-0010.BIAS	0	00:13	22:37:04.1	+34:24:56	300	90	3.0	0 Calibration	2	
0011-0025.FLAT	7	00:19	22:37:04.1	+34:24:56	300	90	3.0	0 Calibration	2	
0026.BDp174708	90	01:14	22:11:31.4	+18:05:34	300	90	3.0	#56 Spectropho	2	
0027.COMP	10	01:16	22:11:31.4	+18:05:34	300	90	3.0	0 Calibration	2	
0028.BDp284211	150	01:20	21:51:11.0	+28:51:50	300	90	3.0	#56 Spectropho	2	
0029.COMP	10	01:23	21:51:11.0	+28:51:50	300	90	3.0	0 Calibration	2	
0030.CICyg	10	01:26	19:50:12.0	+35:41:02	300	90	3.0	#12 Symbiotic	2	
0031.CICyg	30	01:26	19:50:12.0	+35:41:02	300	90	3.0	#12 Symbiotic	2	
0032.CICyg	180	01:27	19:50:12.0	+35:41:02	300	90	3.0	#12 Symbiotic	2	
0033.COMP	10	01:30	19:50:12.0	+35:41:02	300	89	3.0	0 Calibration	2	
0034.BRUTUS8100_1	1200	01:32	20:28:49.8	-04:22:57	300	89	3.0	#220 ASASSN Tr	2	
0035.BRUTUS8100_1	1200	01:52	20:28:49.8	-04:22:57	300	89	3.0	#220 ASASSN Tr	2	
0036.COMP	10	02:13	20:28:49.8	-04:22:57	300	88	3.0	0 Calibration	2	
0037.PUVu1	30	02:15	20:21:13.0	+21:34:21	300	88	3.0	#12 Symbiotic	2	
0038.PUVu1	90	02:16	20:21:13.0	+21:34:21	300	88	3.0	#12 Symbiotic	2	
0039.PUVu1	480	02:19	20:21:13.0	+21:34:21	300	88	3.0	#12 Symbiotic	2	
0040.COMP	10	02:27	20:21:13.0	+21:34:21	300	89	3.0	0 Calibration	2	
0041.RAqr	3	02:29	23:43:49.0	-15:17:05	300	89	3.0	#12 Symbiotic	2	
0042.RAqr	15	02:30	23:43:49.0	-15:17:05	300	89	3.0	#12 Symbiotic	2	
0043.RAqr	60	02:30	23:43:49.0	-15:17:05	300	89	3.0	#12 Symbiotic	2	

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File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0044.COMP	10	02:32	23:43:49.0	-15:17:05	300	89	3.0	0 Calibration	2	
0045.AGPeg	2	02:34	21:51:02.0	+12:37:33	300	89	3.0	#12 Symbiotic	2	
0046.AGPeg	4	02:34	21:51:02.0	+12:37:33	300	89	3.0	#12 Symbiotic	2	
0047.AGPeg	25	02:35	21:51:02.0	+12:37:33	300	89	3.0	#12 Symbiotic	2	
0048.COMP	10	02:36	21:51:02.0	+12:37:33	300	89	3.0	0 Calibration	2	
0049.V1329Cyg	120	02:38	20:51:01.0	+35:34:55	300	89	3.0	#12 Symbiotic	2	
0050.V1329Cyg	1200	02:41	20:51:01.0	+35:34:55	300	89	3.0	#12 Symbiotic	2	
0051.COMP	10	03:02	20:51:01.0	+35:34:55	300	88	3.0	0 Calibration	2	
0052.ZAnd	10	03:03	23:33:40.0	+48:49:06	300	88	3.0	#12 Symbiotic	2	
0053.ZAnd	5	03:04	23:33:40.0	+48:49:06	300	88	3.0	#12 Symbiotic	2	
0054.ZAnd	30	03:04	23:33:40.0	+48:49:06	300	88	3.0	#12 Symbiotic	2	
0055.ZAnd	120	03:05	23:33:40.0	+48:49:06	300	88	3.0	#12 Symbiotic	2	
0056.COMP	10	03:07	23:33:40.0	+48:49:06	300	88	3.0	0 Calibration	2	
0057.sn2017ixg	1800	03:10	23:20:30.6	+24:46:39	300	88	3.0	#2 SN Observat	2	
0058.COMP	10	03:48	23:20:30.6	+24:46:39	300	88	3.0	0 Calibration	2	
0059.J0121+0112	1200	03:53	01:21:50.7	+01:12:59	300	89	3.0	#99 Falco	2	
0060.J0121+0112	1200	04:13	01:21:50.7	+01:12:59	300	89	3.0	#99 Falco	2	
0061.J0121+0112	1200	04:33	01:21:50.7	+01:12:59	300	89	3.0	#99 Falco	2	
0062.COMP	10	04:54	01:21:50.7	+01:12:59	300	88	3.0	0 Calibration	2	
0063.HD8779	5	04:56	01:26:27.3	-00:23:57	300	88	3.0	#99 Falco	2	

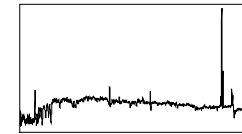
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File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0064.HD8779	5	04:56	01:26:27.3	-00:23:57	300	88	3.0	#99 Falco	2	
0065.HD8779	5	04:56	01:26:27.3	-00:23:57	300	88	3.0	#99 Falco	2	
0066.COMP	10	04:57	01:26:27.3	-00:23:57	300	88	3.0	0 Calibration	2	
0067.EGAnd	2	04:59	00:44:37.0	+40:40:47	300	88	3.0	#12 Symbiotic	2	
0068.EGAnd	7	05:00	00:44:37.0	+40:40:47	300	88	3.0	#12 Symbiotic	2	
0069.EGAnd	15	05:00	00:44:37.0	+40:40:47	300	88	3.0	#12 Symbiotic	2	
0070.COMP	10	05:01	00:44:37.0	+40:40:47	300	88	3.0	0 Calibration	2	
0071.AXPer	5	05:02	01:36:23.0	+54:15:03	300	88	3.0	#12 Symbiotic	2	
0072.AXPer	10	05:03	01:36:23.0	+54:15:03	300	88	3.0	#12 Symbiotic	2	
0073.AXPer	120	05:03	01:36:23.0	+54:15:03	300	88	3.0	#12 Symbiotic	2	
0074.COMP	10	05:06	01:36:23.0	+54:15:03	300	88	3.0	0 Calibration	2	
0075.sn2017ito	1800	05:20	03:33:32.0	+03:11:24	300	88	3.0	#2 SN Observat	2	
0076.COMP	10	05:51	03:33:32.0	+03:11:24	300	87	3.0	0 Calibration	2	
0077.sn2017hjl	1800	09:20	05:08:44.0	+70:28:32	300	86	3.0	#2 SN Observat	2	
0078.COMP	10	09:51	05:08:44.0	+70:28:32	300	84	3.0	0 Calibration	2	
0079-0088.BIAS	0	09:56	08:34:00.2	+36:59:24	600	84	1.5	0 Calibration	4	
0089.bb867	75	10:09	10:42:35.4	-02:41:06	600	84	1.5	#178 Low Mass	4	
0090.COMP	10	10:10	10:42:35.4	-02:41:06	600	84	1.5	0 Calibration	4	
0091.bb881	60	10:12	11:09:12.7	+02:35:41	600	84	1.5	#178 Low Mass	4	
0092.COMP	10	10:14	11:09:12.7	+02:35:41	600	84	1.5	0 Calibration	4	



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File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0093.bb886	300	10:15	11:18:13.4	+05:50:55	600	84	1.5	#178 Low Mass	4	
0094.COMP	10	10:21	11:18:13.4	+05:50:55	600	84	1.5	0 Calibration	4	
0095.bb879	220	10:23	11:07:01.4	-03:39:11	600	84	1.5	#178 Low Mass	4	
0096.COMP	10	10:27	11:07:01.4	-03:39:11	600	84	1.5	0 Calibration	4	
0097.bb872	130	10:29	10:51:24.5	-11:18:39	600	84	1.5	#178 Low Mass	4	
0098.COMP	10	10:32	10:51:24.5	-11:18:39	600	84	1.5	0 Calibration	4	
0099.bb876	60	10:34	11:01:29.2	-10:40:30	600	89	1.5	#178 Low Mass	4	
0100.COMP	10	10:36	11:01:29.2	-10:40:30	600	89	1.5	0 Calibration	4	
0101.bb870	900	10:40	10:47:57.8	-17:02:46	600	89	1.5	#178 Low Mass	4	
0102.COMP	10	10:55	10:47:57.8	-17:02:46	600	88	1.5	0 Calibration	4	
0103.bb861	1800	10:58	10:33:16.8	-21:29:46	600	88	1.5	#178 Low Mass	4	
0104.COMP	10	11:29	10:33:16.8	-21:29:46	600	90	1.5	0 Calibration	4	
0105.bb869	1500	11:31	10:44:32.7	-24:22:58	600	90	1.5	#178 Low Mass	4	
0106.COMP	10	11:57	10:44:32.7	-24:22:58	600	89	1.5	0 Calibration	4	
0107.bb871	1500	11:58	10:50:26.9	-22:33:55	600	89	1.5	#178 Low Mass	4	
0108.COMP	10	12:24	10:50:26.9	-22:33:55	600	89	1.5	0 Calibration	4	
0109.bb882	1400	12:26	11:13:40.6	-22:09:15	600	89	1.5	#178 Low Mass	4	
0110.COMP	10	12:52	11:13:40.6	-22:09:15	600	89	1.5	0 Calibration	4	
0111.bb878	45	12:54	11:06:23.6	-26:50:24	600	89	1.5	#178 Low Mass	4	
0112.COMP	10	12:55	11:06:23.6	-26:50:24	600	89	1.5	0 Calibration	4	

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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>
0113.bb887	200	12:56	11:18:32.2	-21:05:16	600	89	1.5	#178 Low Mass	4	
0114.COMP	10	13:00	11:18:32.2	-21:05:16	600	89	1.5	0 Calibration	4	
0115.bb890	120	13:01	11:25:58.3	-20:08:41	600	89	1.5	#178 Low Mass	4	
0116.COMP	10	13:04	11:25:58.3	-20:08:41	600	89	1.5	0 Calibration	4	
0117.bb885	65	13:05	11:18:13.2	-16:47:05	600	89	1.5	#178 Low Mass	4	
0118.COMP	10	13:07	11:18:13.2	-16:47:05	600	89	1.5	0 Calibration	4	
0119.bb884	75	13:08	11:17:52.0	-14:48:34	600	89	1.5	#178 Low Mass	4	
0120.COMP	10	13:09	11:17:52.0	-14:48:34	600	89	1.5	0 Calibration	4	
0121.Feige34	180	13:12	10:39:36.7	+43:06:09	600	89	1.5	#56 Spectropho	4	
0122.COMP	10	13:15	10:39:36.7	+43:06:09	600	88	1.5	0 Calibration	4	
0123-0137.FLAT	15	13:23	10:39:36.7	+43:06:09	600	88	1.5	0 Calibration	4	
0138-0147.BIAS	0	13:24	10:39:36.7	+43:06:09	600	88	1.5	0 Calibration	4	
0148-0152.DARK	900	14:33	10:39:36.7	+43:06:09	600	88	1.5	0 Calibration	2	
0153-0157.DARK	900	15:49	10:39:36.7	+43:06:09	600	88	1.5	0 Calibration	4	