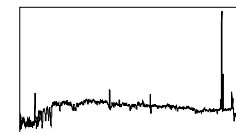
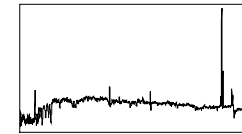
UT Date 2019-02-07 Observers CalkinsColl. Focus 1285 Grating/Grism 300

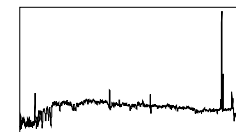
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0001.COMP	10	02:33	18:54:59.0	+31:30:42	528	88	12000	Calibration	2	
0002.BIAS	0	02:35	18:54:59.0	+31:30:42	528	88	12000	Calibration	2	
0003.FLAT	10	02:37	18:54:59.0	+31:30:42	528	88	12000	Calibration	2	
0004.FLAT	15	02:40	18:54:59.0	+31:30:42	528	88	12000	Calibration	2	
0005.FLAT	25	02:41	18:54:59.0	+31:30:42	528	88	12000	Calibration	2	
0006.HIP21988	60	02:46	04:43:35.4	+27:41:17	528	88	12000	231 APOGEE	2	
0007.HIP21988	60	02:50	04:43:35.4	+27:41:17	528	88	12000	231 APOGEE	2	
0008.COMP	10	02:52	04:43:35.4	+27:41:17	528	88	12000	Calibration	2	
0009.COMP	10	02:53	04:43:35.4	+27:41:17	528	88	12000	Calibration	2	
0010.2M06302812p0210543	1200	02:59	06:30:28.1	+02:10:54	528	88	12000	231 APOGEE	2	
0011.COMP	10	03:20	06:30:28.1	+02:10:54	528	87	12000	Calibration	2	
0012.COMP	10	03:21	06:30:28.1	+02:10:54	528	87	12000	Calibration	2	
0013.HIP5240	60	03:32	01:07:00.1	+56:56:07	1200	87	1.5	231 APOGEE	2	
0014.COMP	10	03:34	01:07:00.1	+56:56:07	1200	87	1.5	0 Calibration	2	
0015.COMP	10	03:34	01:07:00.1	+56:56:07	1200	87	1.5	0 Calibration	2	
0016.2M04442729p2911473	600	03:37	04:44:27.3	+29:11:47	1200	87	1.5	231 APOGEE	2	
0017.COMP	10	03:48	04:44:27.3	+29:11:47	1200	87	1.5	0 Calibration	2	
0018.COMP	10	03:49	04:44:27.3	+29:11:47	1200	87	1.5	0 Calibration	2	
0019.2M05094952p2419593	1500	03:54	05:09:49.5	+24:19:59	1200	86	1.5	231 APOGEE	2	
0020.COMP	10	04:19	05:09:49.5	+24:19:59	1200	87	1.5	0 Calibration	2	

UT Date 2019-02-07 Observers CalkinsColl. Focus 1285 Grating/Grism 300

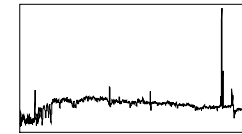
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0021.COMP	10	04:20	05:09:49.5	+24:19:59	1200	87	1.5	0 Calibration	2	
0022.2M07062921p3752516	400	04:22	07:06:29.2	+37:52:52	1200	85	1.5	231 APOGEE	2	
0023.COMP	10	04:29	07:06:29.2	+37:52:52	1200	86	1.5	0 Calibration	2	
0024.COMP	10	04:30	07:06:29.2	+37:52:52	1200	86	1.5	0 Calibration	2	
0025.2M06364600p557216	700	04:33	06:36:46.0	+35:57:22	1200	86	1.5	231 APOGEE	2	
0026.COMP	10	04:47	06:36:46.0	+35:57:22	1200	85	1.5	0 Calibration	2	
0027.COMP	10	04:49	06:36:46.0	+35:57:22	1200	85	1.5	0 Calibration	2	
0028.2M07091515m1657403	1500	05:13	07:09:15.2	-16:57:40	1200	86	1.5	231 APOGEE	2	
0029.COMP	10	05:39	07:09:15.2	-16:57:40	1200	88	1.5	0 Calibration	2	
0030.COMP	10	05:40	07:09:15.2	-16:57:40	1200	88	1.5	0 Calibration	2	
0031-0040.FLAT	25	05:48	07:09:15.2	-16:57:40	1200	88	1.5	0 Calibration	2	
0041.COMP	10	05:52	07:09:15.2	-16:57:40	300	88	3.0	0 Calibration	2	
0042.COMP	10	05:54	07:09:15.2	-16:57:40	300	88	3.0	0 Calibration	2	
0043.COMP	10	05:56	07:09:15.2	-16:57:40	300	88	3.0	0 Calibration	2	
0044.J084437	1500	06:07	08:44:37.7	+05:15:39	300	88	3.0	#227 Changing-	2	
0045.J084437	1500	06:32	08:44:37.7	+05:15:39	300	88	3.0	#227 Changing-	2	
0046.J084437	1500	06:58	08:44:37.7	+05:15:39	300	88	3.0	#227 Changing-	2	
0047.COMP	10	07:23	08:44:37.7	+05:15:39	300	85	3.0	0 Calibration	2	
0048.sn2019np	600	07:31	10:29:22.0	+29:30:38	300	85	3.0	#2 SN Observat	2	
0049.COMP	10	07:42	10:29:22.0	+29:30:38	300	82	3.0	0 Calibration	2	

UT Date 2019-02-07 Observers CalkinsColl. Focus 1285 Grating/Grism 300

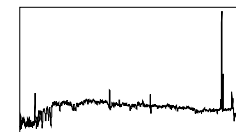
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0051.COMP	10	08:17	08:26:00.6	+40:58:59	300	84	3.0	0 Calibration	2	
0052.JS085493	1800	08:21	08:33:53.8	+35:05:37	300	84	3.0	232 Missing SD	2	
0053.COMP	10	08:53	08:33:53.8	+35:05:37	300	84	3.0	0 Calibration	2	
0054.JS156663	2100	08:58	08:34:54.0	+34:24:42	300	84	3.0	232 Missing SD	2	
0055.COMP	10	09:40	08:34:54.0	+34:24:42	300	86	3.0	0 Calibration	2	
0056.JS086168	2100	09:43	11:13:33.7	+37:22:28	300	86	3.0	232 Missing SD	2	
0057.COMP	10	10:19	11:13:33.7	+37:22:28	300	84	3.0	0 Calibration	2	
0058.JS140978	2100	10:23	11:14:07.9	+00:01:05	300	84	3.0	232 Missing SD	2	
0059.COMP	10	10:58	11:14:07.9	+00:01:05	300	81	3.0	0 Calibration	2	
0060.JS112427	2100	11:03	12:45:19.3	+36:57:34	300	81	3.0	232 Missing SD	2	
0061.COMP	10	11:39	12:45:19.3	+36:57:34	300	81	3.0	0 Calibration	2	
0062.JS022935	1800	11:41	12:48:04.9	+08:18:43	300	81	3.0	232 Missing SD	2	
0063.COMP	10	12:12	12:48:04.9	+08:18:43	300	88	3.0	0 Calibration	2	
0064.JS143842	2100	12:15	13:35:12.3	+35:50:09	300	88	3.0	232 Missing SD	2	
0065.COMP	10	12:50	13:35:12.3	+35:50:09	300	88	3.0	0 Calibration	2	
0066.sn2018hna	1200	12:53	12:26:12.1	+58:18:51	300	88	3.0	#2 SN Observat	2	
0067.COMP	10	13:14	12:26:12.1	+58:18:51	300	82	3.0	0 Calibration	2	
0068.BDp332642	150	13:17	15:51:59.9	+32:56:54	300	82	3.0	#56 Spectropho	2	
0069.COMP	10	13:19	15:51:59.9	+32:56:54	300	82	3.0	0 Calibration	2	

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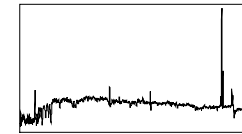
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0070.BDp262606	100	13:21	14:49:02.4	+25:42:09	300	82	3.0	#56 Spectropho	2	
0071.COMP	10	13:23	14:49:02.4	+25:42:09	300	82	3.0	0 Calibration	2	
0072-0091.BIAS	0	13:30	14:49:02.4	+25:42:09	300	82	3.0	0 Calibration	2	
0092-0111.FLAT	7	13:41	14:49:02.4	+25:42:09	300	82	3.0	0 Calibration	2	
0112-0119.DARK	900	15:31	14:49:02.4	+25:42:09	300	82	3.0	0 Calibration	2	

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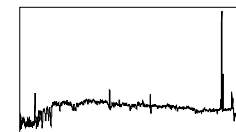
File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0001.BIAS	0	00:32	14:49:02.4	+25:42:09	300	82	3.0	0 Calibration	2	
0002-0006.DARK	900	01:41	14:49:02.4	+25:42:09	300	82	3.0	0 Calibration	2	
0007.HIP21988	60	02:14	04:43:35.4	+27:41:17	300	82	3.0	#231 Non-inter	2	
0008.HIP21988	60	02:17	04:43:35.4	+27:41:17	300	82	3.0	#231 Non-inter	2	
0009.HIP21988	60	02:19	04:43:35.4	+27:41:17	300	82	3.0	#231 Non-inter	2	
0010.HIP21988	60	02:21	04:43:35.4	+27:41:17	300	82	3.0	#231 Non-inter	2	
0011.COMP	10	02:23	04:43:35.4	+27:41:17	300	82	3.0	0 Calibration	2	
0012.COMP	10	02:24	04:43:35.4	+27:41:17	300	82	3.0	0 Calibration	2	
0013.HIP5240	60	02:27	01:07:00.1	+56:56:07	300	82	3.0	#231 Non-inter	2	
0014.COMP	10	02:29	01:07:00.1	+56:56:07	300	82	3.0	0 Calibration	2	
0015.COMP	10	02:30	01:07:00.1	+56:56:07	300	82	3.0	0 Calibration	2	
0016.2M00380706p5905477	1800	02:47	00:38:07.1	+59:05:48	300	82	3.0	#231 Non-inter	2	
0017.COMP	10	03:17	00:38:07.1	+59:05:48	300	87	3.0	0 Calibration	2	
0018.COMP	10	03:18	00:38:07.1	+59:05:48	300	87	3.0	0 Calibration	2	
0019.2M23563748p5706276	1200	03:23	23:56:37.5	+57:06:28	300	87	3.0	#231 Non-inter	2	
0020.COMP	10	03:51	23:56:37.5	+57:06:28	300	87	3.0	0 Calibration	2	
0021.COMP	10	03:52	23:56:37.5	+57:06:28	300	87	3.0	0 Calibration	2	
0022.HIP21988	60	05:10	04:43:35.4	+27:41:17	1200	83	1.5	#231 Non-inter	2	
0023.COMP	10	05:12	04:43:35.4	+27:41:17	1200	83	1.5	0 Calibration	2	
0024.COMP	10	05:13	04:43:35.4	+27:41:17	1200	83	1.5	0 Calibration	2	

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File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0025.2M08465205m1507171	1500	05:22	08:46:52.1	-15:07:17	1200	83	1.5	#231 Non-inter	2	
0026.COMP	10	05:48	08:46:52.1	-15:07:17	1200	83	1.5	0 Calibration	2	
0027.COMP	10	05:49	08:46:52.1	-15:07:17	1200	83	1.5	0 Calibration	2	
0028-0037.FLAT	25	06:02	16:02:00.6	+86:36:34	1200	83	1.5	0 Calibration	2	
0038.COMP	5	06:12	16:02:00.6	+86:36:34	1200	83	1.5	0 Calibration	2	
0039.COMP	5	06:13	16:02:00.6	+86:36:34	1200	83	1.5	0 Calibration	2	
0040.COMP	5	06:17	16:02:00.6	+86:36:34	300	83	3.0	0 Calibration	2	
0041.COMP	5	06:19	16:02:00.6	+86:36:34	300	83	3.0	0 Calibration	2	
0042.COMP	5	06:21	16:02:00.6	+86:36:34	300	83	3.0	0 Calibration	2	
0043.fastfoc	5	06:26	16:02:00.6	+86:36:34	300	83	3.0		2	
0044.fastfoc	5	06:26	16:02:00.6	+86:36:34	300	83	3.0		2	
0045.fastfoc	5	06:27	16:02:00.6	+86:36:34	300	83	3.0		2	
0046.fastfoc	5	06:27	16:02:00.6	+86:36:34	300	83	3.0		2	
0047.fastfoc	5	06:27	16:02:00.6	+86:36:34	300	83	3.0		2	
0048.fastfoc	5	06:27	16:02:00.6	+86:36:34	300	83	3.0		2	
0049.fastfoc	5	06:28	16:02:00.6	+86:36:34	300	83	3.0		2	
0050.fastfoc	5	06:28	16:02:00.6	+86:36:34	300	83	3.0		2	
0051.fastfoc	5	06:28	16:02:00.6	+86:36:34	300	83	3.0		2	
0052.fastfoc	5	06:29	16:02:00.6	+86:36:34	300	83	3.0		2	
0053.BRUTUS8521.5	1800	06:45	08:49:20.4	+11:11:57	300	83	3.0	#220 ASASSN Tr	2	

UT Date 2019-02-08 Observers FalcoColl. Focus 1270 Grating/Grism 300

File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0054.COMP	5	07:16	08:49:20.4	+11:11:57	300	87	3.0	0 Calibration	2	
0055.J085051	900	07:28	08:50:52.0	+08:30:27	300	87	3.0	#227 Changing-	2	
0056.J085051	900	07:43	08:50:52.0	+08:30:27	300	87	3.0	#227 Changing-	2	
0057.J085051	900	07:58	08:50:52.0	+08:30:27	300	87	3.0	#227 Changing-	2	
0058.COMP	5	08:14	08:50:52.0	+08:30:27	300	86	3.0	0 Calibration	2	
0059.Mkn110	900	08:19	09:25:12.9	+52:17:10	300	86	3.0	#227 Changing-	2	
0060.COMP	5	08:38	09:25:12.9	+52:17:10	300	83	3.0	0 Calibration	2	
0061.snAT20191c	900	08:47	11:52:30.7	+20:37:32	300	83	3.0	#2 SN Observat	2	
0062.COMP	5	09:03	11:52:30.7	+20:37:32	300	83	3.0	0 Calibration	2	
0063.JS120038	900	09:16	11:20:05.0	+47:14:09	300	83	3.0	232 Missing SD	2	
0064.COMP	5	09:31	11:20:05.0	+47:14:09	300	83	3.0	0 Calibration	2	
0065.Feige34	180	09:34	10:39:36.7	+43:06:09	300	83	3.0	#56 Spectropho	2	
0066.COMP	5	09:37	10:39:36.7	+43:06:09	300	83	3.0	0 Calibration	2	
0067.HD84937	30	09:42	09:48:56.1	+13:44:39	300	83	3.0	#56 Spectropho	2	
0068.COMP	5	09:43	09:48:56.1	+13:44:39	300	83	3.0	0 Calibration	2	
0069.JS085208	900	09:49	11:49:48.6	+37:42:57	300	83	3.0	232 Missing SD	2	
0070.COMP	5	10:05	11:49:48.6	+37:42:57	300	83	3.0	0 Calibration	2	
0071.JS089086	900	10:08	11:53:40.4	+31:26:48	300	83	3.0	232 Missing SD	2	
0072.COMP	5	10:34	11:53:40.4	+31:26:48	300	84	3.0	0 Calibration	2	
0073.JS066577	1200	10:37	12:22:21.6	+31:07:44	300	84	3.0	232 Missing SD	2	

UT Date 2019-02-08 Observers FalcoColl. Focus 1270 Grating/Grism 300

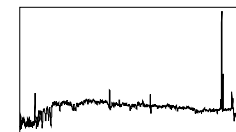
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0074.COMP	5	10:58	12:22:21.6	+31:07:44	300	84	3.0	0 Calibration	2	
0075.JS092800	1200	11:02	12:56:56.4	+32:26:52	300	84	3.0	232 Missing SD	2	
0076.COMP	5	11:33	12:56:56.4	+32:26:52	300	87	3.0	0 Calibration	2	
0077-0086.BIAS	0	11:37	12:56:56.4	+32:26:52	300	87	3.0	0 Calibration	2	
0087-0098.FLAT	7	11:44	12:56:56.4	+32:26:52	300	87	3.0	0 Calibration	2	
0099-0103.DARK	900	12:51	12:56:56.4	+32:26:52	300	87	3.0	0 Calibration	2	

UT Date 2019-02-09 Observers M CalkinsColl. Focus 1270 Grating/Grism 300

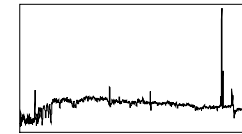
File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0001.COMP	10	00:56	02:42:07.4	+31:30:37	300	88	3.0	0 Calibration	4	
0002-0004.DARK	900	01:27	02:42:07.4	+31:30:37	300	88	3.0	0 Calibration	4	
0005-0014.BIAS	0	01:44	02:42:07.4	+31:30:37	300	88	3.0	0 Calibration	4	
0015-0034.FLAT	7	01:54	02:42:07.4	+31:30:37	300	88	3.0	0 Calibration	2	
0035-0044.BIAS	0	02:00	02:42:07.4	+31:30:37	300	88	3.0	0 Calibration	2	
0045.ZAnd	1	02:16	23:33:40.0	+48:49:06	300	88	3.0	#12 Symbiotic	2	
0046.ZAnd	5	02:16	23:33:40.0	+48:49:06	300	88	3.0	#12 Symbiotic	2	
0047.ZAnd	30	02:17	23:33:40.0	+48:49:06	300	88	3.0	#12 Symbiotic	2	
0048.COMP	10	02:18	23:33:40.0	+48:49:06	300	88	3.0	0 Calibration	2	
0049.EGAnd	1	02:20	00:44:37.0	+40:40:47	300	88	3.0	#12 Symbiotic	2	
0050.EGAnd	5	02:20	00:44:37.0	+40:40:47	300	88	3.0	#12 Symbiotic	2	
0051.EGAnd	30	02:21	00:44:37.0	+40:40:47	300	88	3.0	#12 Symbiotic	2	
0052.COMP	10	02:21	00:44:37.0	+40:40:47	300	88	3.0	0 Calibration	2	
0053.AXPer	4	02:24	01:36:23.0	+54:15:03	300	88	3.0	#12 Symbiotic	2	
0054.AXPer	30	02:24	01:36:23.0	+54:15:03	300	88	3.0	#12 Symbiotic	2	
0055.AXPer	90	02:25	01:36:23.0	+54:15:03	300	88	3.0	#12 Symbiotic	2	
0056.COMP	10	02:27	01:36:23.0	+54:15:03	300	86	3.0	0 Calibration	2	
0057.GITau	240	02:29	04:33:34.0	+24:21:18	300	87	3.0	#12 Symbiotic	2	
0058.COMP	10	02:33	04:33:34.0	+24:21:18	300	88	3.0	0 Calibration	2	
0059.GKTau	240	02:34	04:33:34.5	+24:21:07	300	88	3.0	#12 Symbiotic	2	

UT Date 2019-02-09 Observers M CalkinsColl. Focus 1270 Grating/Grism 300

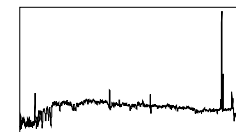
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0060.COMP	10	02:39	04:33:34.5	+24:21:07	300	88	3.0	0 Calibration	2	
0061.BGGem	420	02:41	06:03:31.0	+27:41:50	300	88	3.0	#12 Symbiotic	2	
0062.COMP	10	02:48	06:03:31.0	+27:41:50	300	83	3.0	0 Calibration	2	
0063.04533259+4532326	2100	02:51	04:53:32.6	+45:32:33	300	83	3.0	#141 2MASS Red	2	
0064.COMP	10	03:27	04:53:32.6	+45:32:33	300	85	3.0	0 Calibration	2	
0065.BXMon	40	04:04	07:25:23.0	-03:35:51	300	87	3.0	#12 Symbiotic	2	
0066.BXMon	420	04:11	07:25:23.0	-03:35:51	300	87	3.0	#12 Symbiotic	2	
0067.COMP	10	04:19	07:25:23.0	-03:35:51	300	86	3.0	0 Calibration	2	
0068.G191B2B	540	04:23	05:05:30.6	+52:49:52	300	86	3.0	#56 Spectropho	2	
0069.COMP	10	04:33	05:05:30.6	+52:49:52	300	88	3.0	0 Calibration	2	
0070.Hiltner600	120	04:35	06:45:13.4	+02:08:15	300	87	3.0	#56 Spectropho	2	
0071.COMP	10	04:37	06:45:13.4	+02:08:15	300	84	3.0	0 Calibration	2	
0072.JS002463	1800	04:41	08:36:35.9	+52:38:07	300	90	3.0	232 Missing SD	2	
0073.COMP	10	05:11	08:36:35.9	+52:38:07	300	91	3.0	0 Calibration	2	
0074.SS129	600	05:35	07:32:45.0	-26:49:16	300	75	3.0	#12 Symbiotic	2	
0075.SS129	600	05:45	07:32:45.0	-26:49:16	300	75	3.0	#12 Symbiotic	2	
0076.COMP	10	05:56	07:32:45.0	-26:49:16	300	75	3.0	0 Calibration	2	
0077.Mkn110	500	05:59	09:25:12.9	+52:17:10	300	90	3.0	#227 Changing-	2	
0078.Mkn110	500	06:08	09:25:12.9	+52:17:10	300	90	3.0	#227 Changing-	2	
0079.COMP	10	06:22	09:25:12.9	+52:17:10	300	90	3.0	0 Calibration	2	

UT Date 2019-02-09 Observers M CalkinsColl. Focus 1270 Grating/Grism 300

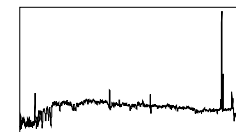
File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0080.TXCVn	10	10:35	12:44:42.0	+36:45:48	300	90	3.0	#12 Symbiotic	2	
0081.TXCVn	35	10:36	12:44:42.0	+36:45:48	300	90	3.0	#12 Symbiotic	2	
0082.COMP	10	10:37	12:44:42.0	+36:45:48	300	89	3.0	0 Calibration	2	
0083.JS008544	1800	10:41	12:05:01.0	+54:04:05	300	89	3.0	232 Missing SD	2	
0084.COMP	10	11:12	12:05:01.0	+54:04:05	300	89	3.0	0 Calibration	2	
0085.AT2019yb	1800	11:16	11:00:37.9	+30:30:45	300	89	3.0	#225	2	
0086.AT2019yb	1800	11:46	11:00:37.9	+30:30:45	300	89	3.0	#225	2	
0087.AT2019yb	1800	12:16	11:00:37.9	+30:30:45	300	89	3.0	#225	2	
0088.COMP	10	12:47	11:00:37.9	+30:30:45	300	89	3.0	0 Calibration	2	
0089.JS076421	1200	12:49	13:58:33.8	+37:29:43	300	89	3.0	232 Missing SD	2	
0090.COMP	10	13:10	13:58:33.8	+37:29:43	300	89	3.0	0 Calibration	2	
0091.RWHya	2	13:12	13:34:18.0	-25:22:51	300	89	3.0	#12 Symbiotic	2	
0092.RWHya	10	13:12	13:34:18.0	-25:22:51	300	89	3.0	#12 Symbiotic	2	
0093.RWHya	20	13:13	13:34:18.0	-25:22:51	300	89	3.0	#12 Symbiotic	2	
0094.COMP	10	13:13	13:34:18.0	-25:22:51	300	89	3.0	0 Calibration	2	
0095.TCrB	15	13:16	15:59:30.0	+25:55:12	300	89	3.0	#12 Symbiotic	2	
0096.TCrB	60	13:17	15:59:30.0	+25:55:12	300	89	3.0	#12 Symbiotic	2	
0097.COMP	10	13:18	15:59:30.0	+25:55:12	300	89	3.0	0 Calibration	2	
0098.AGDra	2	13:20	16:01:41.0	+66:48:10	300	89	3.0	#12 Symbiotic	2	
0099.AGDra	15	13:20	16:01:41.0	+66:48:10	300	89	3.0	#12 Symbiotic	2	

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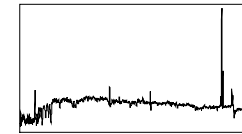
<i>File</i>	<i>Exp Time</i>	<i>UT Start</i>	<i>RA</i>	<i>Dec</i>	<i>Gr.</i>	<i>P.A.</i>	<i>Slit</i>	<i>Program</i>	<i>Bin</i>	<i>Comments</i>
0100.AGDra	60	13:21	16:01:41.0	+66:48:10	300	89	3.0	#12 Symbiotic	2	
0101.COMP	10	13:22	16:01:41.0	+66:48:10	300	89	3.0	0 Calibration	2	
0102-0111.BIAS	0	13:26	16:01:41.0	+66:48:10	300	89	3.0	0 Calibration	2	
0112-0131.FLAT	7	13:32	16:01:41.0	+66:48:10	300	89	3.0	0 Calibration	2	
0132-0141.DARK	900	15:55	16:01:41.0	+66:48:10	300	89	3.0	0 Calibration	2	

UT Date 2019-02-10 Observers M CalkinsColl. Focus 1270 Grating/Grism 1200

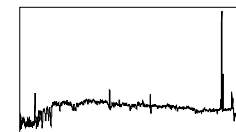
<i>File</i>	<i>Exp Time</i>	<i>UT Start</i>	<i>RA</i>	<i>Dec</i>	<i>Gr.</i>	<i>P.A.</i>	<i>Slit</i>	<i>Program</i>	<i>Bin</i>	<i>Comments</i>
0001-0010.DARK	900	00:44	16:01:41.0	+66:48:10	300	89	3.0	0 Calibration	4	
0011-0020.BIAS	0	02:26	16:01:41.0	+66:48:10	300	89	3.0	0 Calibration	4	
0021-0040.FLAT	7	02:44	16:01:41.0	+66:48:10	300	89	3.0	0 Calibration	2	
0041-0050.BIAS	0	02:46	16:01:41.0	+66:48:10	300	89	3.0	0 Calibration	2	
0051-0060.FLAT	25	05:58	16:01:41.0	+66:48:10	1200	89	1.5	0 Calibration	2	
0061-0070.DARK	900	14:14	16:01:41.0	+66:48:10	1200	89	1.5	0 Calibration	2	

UT Date 2019-02-11 Observers M CalkinsColl. Focus 1270 Grating/Grism 300

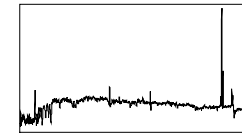
File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0001-0003.DARK	900	00:59	16:01:41.0	+66:48:10	1200	89	1.5	0 Calibration	2	
0004-0013.BIAS	0	01:17	16:01:41.0	+66:48:10	1200	89	1.5	0 Calibration	2	
0014-0033.FLAT	25	01:31	16:01:41.0	+66:48:10	1200	89	1.5	0 Calibration	2	
0034.HIP21988	120	02:03	04:43:35.4	+27:41:17	1200	89	1.5	#231 Non-inter	2	
0035.COMP	10	02:05	04:43:35.4	+27:41:17	1200	89	1.5	0 Calibration	2	
0036.COMP	10	02:06	04:43:35.4	+27:41:17	1200	89	1.5	0 Calibration	2	
0037.2M23294548p5612234	600	02:15	23:29:45.5	+56:12:23	1200	89	1.5	#231 Non-inter	2	
0038.COMP	10	02:26	23:29:45.5	+56:12:23	1200	89	1.5	0 Calibration	2	
0039.COMP	10	02:26	23:29:45.5	+56:12:23	1200	89	1.5	0 Calibration	2	
0040.2M00093745p5823242	1500	02:30	00:09:37.5	+58:23:24	1200	89	1.5	#231 Non-inter	2	
0041.COMP	10	02:55	00:09:37.5	+58:23:24	1200	89	1.5	0 Calibration	2	
0042.COMP	10	03:00	00:09:37.5	+58:23:24	1200	89	1.5	0 Calibration	2	
0043.2M07191881p0611142	900	03:42	07:19:18.8	+06:11:14	1200	89	1.5	#231 Non-inter	2	
0044.COMP	10	03:58	07:19:18.8	+06:11:14	1200	88	1.5	0 Calibration	2	
0045.COMP	10	04:00	07:19:18.8	+06:11:14	1200	88	1.5	0 Calibration	2	
0046.2M06360655p3444179	900	04:03	06:36:06.5	+34:44:18	1200	88	1.5	#231 Non-inter	2	
0047.COMP	10	04:18	06:36:06.5	+34:44:18	1200	89	1.5	0 Calibration	2	
0048.COMP	10	04:19	06:36:06.5	+34:44:18	1200	89	1.5	0 Calibration	2	
0049.G191B2B	300	04:33	05:05:30.6	+52:49:52	300	89	3.0	#56 Spectropho	2	
0050.COMP	10	04:39	05:05:30.6	+52:49:52	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
0051.Hiltner600	150	04:41	06:45:13.4	+02:08:15	300	88	3.0	#56 Spectropho	2	
0052.COMP	10	04:44	06:45:13.4	+02:08:15	300	89	3.0	0 Calibration	2	
0053.J085051	1800	07:07	08:50:52.0	+08:30:27	300	89	3.0	#227 Changing-	2	
0054.J085051	1800	07:37	08:50:52.0	+08:30:27	300	89	3.0	#227 Changing-	2	
0055.J085051	1800	08:09	08:50:52.0	+08:30:27	300	89	3.0	#227 Changing-	2	
0056.COMP	10	08:40	08:50:52.0	+08:30:27	300	89	3.0	0 Calibration	2	
0057.JS051128	1500	08:44	08:38:50.1	+36:17:51	300	89	3.0	232 Missing SD	2	
0058.COMP	10	09:10	08:38:50.1	+36:17:51	300	89	3.0	0 Calibration	2	
0059.JS051129	1500	09:11	08:38:50.7	+36:17:40	300	89	3.0	232 Missing SD	2	
0060.COMP	10	09:37	08:38:50.7	+36:17:40	300	89	3.0	0 Calibration	2	
0061.JS014635	1800	09:39	08:41:31.1	+30:49:50	300	89	3.0	232 Missing SD	2	
0062.COMP	10	10:09	08:41:31.1	+30:49:50	300	89	3.0	0 Calibration	2	
0063.JS124614	1800	10:12	10:19:07.4	+63:58:12	300	89	3.0	232 Missing SD	2	
0064.COMP	10	10:42	10:19:07.4	+63:58:12	300	89	3.0	0 Calibration	2	
0065.JS075841	1200	10:45	10:19:13.1	+02:44:20	300	89	3.0	232 Missing SD	2	
0066.COMP	10	11:06	10:19:13.1	+02:44:20	300	88	3.0	0 Calibration	2	
0067.snAT20191c	900	11:08	11:52:30.7	+20:37:32	300	88	3.0	#2 SN Observat	2	
0068.COMP	10	11:23	11:52:30.7	+20:37:32	300	88	3.0	0 Calibration	2	
0069.sn2019yz	900	11:28	15:41:57.3	+00:42:39	300	88	3.0	#2 SN Observat	2	
0070.COMP	10	11:43	15:41:57.3	+00:42:39	300	89	3.0	0 Calibration	2	

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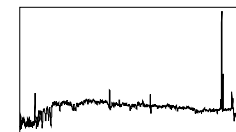
File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0071.JS072292	1500	11:46	12:53:25.0	+11:42:34	300	89	3.0	232 Missing SD	2	
0072.COMP	10	12:18	12:53:25.0	+11:42:34	300	89	3.0	0 Calibration	2	
0073.JS002632	600	12:19	12:55:12.4	+46:03:13	300	88	3.0	232 Missing SD	2	
0074.COMP	10	12:30	12:55:12.4	+46:03:13	300	88	3.0	0 Calibration	2	
0075.JS092800	1800	12:32	12:56:56.4	+32:26:52	300	51	3.0	232 Missing SD	2	
0076.COMP	10	13:03	12:56:56.4	+32:26:52	300	50	3.0	0 Calibration	2	
0077.BDp262606	45	13:08	14:49:02.4	+25:42:09	300	90	3.0	#56 Spectropho	2	
0078.COMP	10	13:09	14:49:02.4	+25:42:09	300	90	3.0	0 Calibration	2	
0079.BDp332642	120	13:11	15:51:59.9	+32:56:54	300	90	3.0	#56 Spectropho	2	
0080.COMP	10	13:13	15:51:59.9	+32:56:54	300	89	3.0	0 Calibration	2	
0081.N5866	240	13:15	15:06:29.5	+55:45:48	300	89	3.0	#57 Velocity S	2	
0082.COMP	10	13:19	15:06:29.5	+55:45:48	300	89	3.0	0 Calibration	2	
0083-0092.BIAS	0	13:22	15:06:29.5	+55:45:48	300	90	3.0	0 Calibration	2	
0093-0112.FLAT	7	13:28	15:06:29.5	+55:45:48	300	90	3.0	0 Calibration	2	
0113-0122.DARK	900	15:45	15:06:29.5	+55:45:48	300	90	3.0	0 Calibration	2	

UT Date 2019-02-12 Observers M CalkinsColl. Focus 1270 Grating/Grism 300

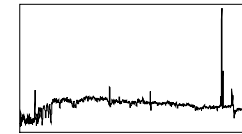
File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0001-0005.DARK	900	01:12	15:06:29.5	+55:45:48	300	90	3.0	0 Calibration	2	
0006-0015.BIAS	0	01:29	15:06:29.5	+55:45:48	300	90	3.0	0 Calibration	2	
0016-0028.FLAT	7	02:25	02:49:43.8	-23:28:05	300	89	3.0	0 Calibration	2	
0029-0040.FLAT	7	02:36	04:35:27.2	+31:30:36	300	91	3.0	0 Calibration	2	
0041.G191B2B	300	02:38	05:05:30.6	+52:49:52	300	89	3.0	#56 Spectropho	2	
0042.COMP	10	02:44	05:05:30.6	+52:49:52	300	89	3.0	0 Calibration	2	
0043.02422242+6213323	1500	02:47	02:42:22.4	+62:13:32	300	89	3.0	#141 2MASS Red	2	row=84
0044.COMP	10	03:12	02:42:22.4	+62:13:32	300	90	3.0	0 Calibration	2	
0045.G191B2B	360	03:18	05:05:30.6	+52:49:52	600	90	1.5	#56 Spectropho	4	
0046.COMP	10	03:25	05:05:30.6	+52:49:52	600	89	1.5	0 Calibration	4	
0047.gaia36	67	03:27	05:00:51.8	-09:30:57	600	89	1.5	#178 Low Mass	4	
0048.COMP	10	03:29	05:00:51.8	-09:30:57	600	90	1.5	0 Calibration	4	
0049.sm0455	428	03:30	04:55:35.9	-29:28:59	600	90	1.5	#178 Low Mass	4	
0050.COMP	10	03:38	04:55:35.9	-29:28:59	600	90	1.5	0 Calibration	4	
0051.j0435m06	681	03:40	04:35:04.9	-06:01:27	600	90	1.5	#178 Low Mass	4	
0052.COMP	10	03:52	04:35:04.9	-06:01:27	600	91	1.5	0 Calibration	4	
0053.j0519m05	1310	03:54	05:19:55.7	-05:45:29	600	91	1.5	#178 Low Mass	4	
0054.COMP	10	04:16	05:19:55.7	-05:45:29	600	91	1.5	0 Calibration	4	
0055.j0524m05	300	04:18	05:24:36.3	-05:35:13	600	91	1.5	#178 Low Mass	4	
0056.COMP	10	04:24	05:24:36.3	-05:35:13	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
0057.j0542p01	1800	04:33	05:42:24.3	+01:44:15	600	80	1.5	#178 Low Mass	4	
0058.COMP	10	05:04	05:42:24.3	+01:44:15	600	80	1.5	0 Calibration	4	
0059.j0521p16	1300	05:06	05:21:50.9	+16:22:51	600	89	1.5	#178 Low Mass	4	
0060.COMP	10	05:29	05:21:50.9	+16:22:51	600	90	1.5	0 Calibration	4	
0061.gaia36	67	05:34	05:00:51.8	-09:30:57	600	88	1.5	#178 Low Mass	4	
0062.COMP	10	05:35	05:00:51.8	-09:30:57	600	88	1.5	0 Calibration	4	
0063.gaia37	1500	05:38	06:44:34.7	-17:02:51	600	88	1.5	#178 Low Mass	4	
0064.COMP	10	06:04	06:44:34.7	-17:02:51	600	88	1.5	0 Calibration	4	
0065.j0644p09	1600	06:08	06:44:00.5	+09:26:04	600	88	1.5	#178 Low Mass	4	
0066.COMP	10	06:35	06:44:00.5	+09:26:04	600	88	1.5	0 Calibration	4	
0067.j0815m02	1703	06:37	08:15:34.8	-02:20:20	600	88	1.5	#178 Low Mass	4	
0068.COMP	10	07:06	08:15:34.8	-02:20:20	600	89	1.5	0 Calibration	4	
0069.j0754p66	1900	07:09	07:54:29.3	+66:11:04	600	89	1.5	#178 Low Mass	4	
0070.COMP	10	07:41	07:54:29.3	+66:11:04	600	89	1.5	0 Calibration	4	
0071-0080.FLAT	12	07:46	07:54:29.3	+66:11:04	600	89	1.5	0 Calibration	4	
0081.COMP	5	07:49	07:54:29.3	+66:11:04	300	89	3.0	0 Calibration	4	
0082.COMP	5	07:51	07:54:29.3	+66:11:04	300	89	3.0	0 Calibration	4	
0083.COMP	5	07:52	07:54:29.3	+66:11:04	300	89	3.0	0 Calibration	4	
0084.ZTF19aadnmgf	1800	07:55	09:39:28.3	+22:09:43	300	89	3.0	#225	2	
0085.ZTF19aadnmgf	1800	08:25	09:39:28.3	+22:09:43	300	89	3.0	#225	2	

UT Date 2019-02-12 Observers M CalkinsColl. Focus 1270 Grating/Grism 300

File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0086.ZTF19aadnmgf	1800	08:56	09:39:28.3	+22:09:43	300	89	3.0	#225	2	
0087.COMP	10	09:26	09:39:28.3	+22:09:43	300	89	3.0	0 Calibration	2	
0088.HD84937	25	09:28	09:48:56.1	+13:44:39	300	89	3.0	#56 Spectropho	2	
0089.COMP	10	09:28	09:48:56.1	+13:44:39	300	89	3.0	0 Calibration	2	
0090.Feige34	150	09:30	10:39:36.7	+43:06:09	300	89	3.0	#56 Spectropho	2	
0091.COMP	10	09:33	10:39:36.7	+43:06:09	300	89	3.0	0 Calibration	2	
0092-0101.FLAT	7	09:37	10:39:36.7	+43:06:09	300	89	3.0	0 Calibration	2	
0102.j1107p04	1806	09:47	11:07:03.7	+04:05:40	600	90	1.5	#178 Low Mass	4	
0103.COMP	10	10:18	11:07:03.7	+04:05:40	600	90	1.5	0 Calibration	4	
0104.COMP	10	10:18	11:07:03.7	+04:05:40	600	90	1.5	0 Calibration	4	
0105.j1110p23	1800	10:24	11:10:26.2	+23:44:07	600	89	1.5	#178 Low Mass	4	
0106.COMP	10	10:55	11:10:26.2	+23:44:07	600	89	1.5	0 Calibration	4	
0107.j1127p75	1800	10:59	11:27:37.2	+75:31:06	600	87	1.5	#178 Low Mass	4	
0108.COMP	10	11:30	11:27:37.2	+75:31:06	600	88	1.5	0 Calibration	4	
0109.j1127p75	1800	11:33	11:27:37.2	+75:31:06	600	88	1.5	#178 Low Mass	4	
0110.COMP	10	12:03	11:27:37.2	+75:31:06	600	89	1.5	0 Calibration	4	
0111.j1403m09	1702	12:07	14:03:40.1	-09:14:49	600	89	1.5	#178 Low Mass	4	
0112.COMP	10	12:36	14:03:40.1	-09:14:49	600	89	1.5	0 Calibration	4	
0113.j1408p08	1800	12:39	14:08:20.1	+08:17:20	600	89	1.5	#178 Low Mass	4	
0114.COMP	10	13:09	14:08:20.1	+08:17:20	600	89	1.5	0 Calibration	4	

UT Date 2019-02-12 Observers M CalkinsColl. Focus 1270 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>
0115.BDp332642	150	13:16	15:51:59.9	+32:56:54	600	90	1.5	#56 Spectropho	4	
0116.COMP	10	13:19	15:51:59.9	+32:56:54	600	90	1.5	0 Calibration	4	
0117-0126.FLAT	12	13:25	15:51:59.9	+32:56:54	600	90	1.5	0 Calibration	4	
0127-0146.BIAS	0	13:27	15:51:59.9	+32:56:54	600	90	1.5	0 Calibration	4	
0147.COMP	5	13:32	15:51:59.9	+32:56:54	300	90	3.0	0 Calibration	4	
0148.COMP	5	13:36	15:51:59.9	+32:56:54	300	90	3.0	0 Calibration	4	
0149.COMP	5	13:37	15:51:59.9	+32:56:54	300	90	3.0	0 Calibration	4	
0150-0156.DARK	900	15:11	15:51:59.9	+32:56:54	300	90	3.0	0 Calibration	4	