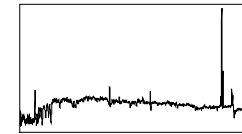


UT Date 2016-01-07 Observers P BerlindColl. Focus 1350 Grating/Grism 300

File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0001-0005.BIAS	0	19:46	17:55:58.3	+31:30:34	300	89	3.0	0 Calibration	2	
0006.DARK	900	19:47	22:37:04.1	+34:24:56	300	89	3.0	0 Calibration	2	high dark current
0007-0010.DARK	900	20:49	22:37:04.1	+34:24:56	300	89	3.0	0 Calibration	2	
0011-0015.DARK	900	22:05	22:37:04.1	+34:24:56	300	89	3.0	0 Calibration	4	
0016-0025.BIAS	0	00:41	22:37:04.1	+34:24:56	300	89	3.0	0 Calibration	2	
0026-0038.FLAT	7	00:46	22:37:04.1	+34:24:56	300	89	3.0	0 Calibration	2	
0039.FLAT	7	00:46	22:37:04.1	+34:24:56	300	89	3.0	0 Calibration	2	high humidity
0040.FLAT	7	00:47	22:37:04.1	+34:24:56	300	89	3.0	0 Calibration	2	clouds
0041.ZAnd	5	01:27	23:33:40.0	+48:49:06	300	89	3.0	#12 Symbiotic	2	
0042.ZAnd	10	01:27	23:33:40.0	+48:49:06	300	89	3.0	#12 Symbiotic	2	
0043.ZAnd	60	01:28	23:33:40.0	+48:49:06	300	89	3.0	#12 Symbiotic	2	
0044.COMP	10	01:30	23:33:40.0	+48:49:06	300	89	3.0	0 Calibration	2	
0045.EGAnd	10	01:38	00:44:37.0	+40:40:47	300	89	3.0	#12 Symbiotic	2	
0046.EGAnd	20	01:38	00:44:37.0	+40:40:47	300	89	3.0	#12 Symbiotic	2	
0047.EGAnd	20	01:39	00:44:37.0	+40:40:47	300	89	3.0	#12 Symbiotic	2	
0048.COMP	10	01:40	00:44:37.0	+40:40:47	300	89	3.0	0 Calibration	2	
0049.AXPer	20	01:41	01:36:23.0	+54:15:03	300	89	3.0	#12 Symbiotic	2	
0050.AXPer	30	01:42	01:36:23.0	+54:15:03	300	89	3.0	#12 Symbiotic	2	
0051.AXPer	30	01:43	01:36:23.0	+54:15:03	300	89	3.0	#12 Symbiotic	2	
0052.COMP	10	01:44	01:36:23.0	+54:15:03	300	89	3.0	0 Calibration	2	

UT Date 2016-01-07 Observers P BerlindColl. Focus 1350 Grating/Grism 300

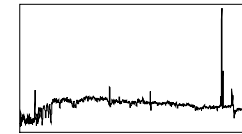
File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0056.HD19445	45	01:57	03:08:25.6	+26:19:51	300	89	3.0	#56 Spectropho	2	
0057.HD19445	45	01:58	03:08:25.6	+26:19:51	300	89	3.0	#56 Spectropho	2	
0058.HD19445	45	02:00	03:08:25.6	+26:19:51	300	89	3.0	#56 Spectropho	2	
0059.COMP	10	02:01	03:08:25.6	+26:19:51	300	89	3.0	0 Calibration	2	
0060.snASASSN15tz	1800	02:04	02:41:08.9	+43:40:49	300	89	3.0	#2 SN Observat	2	
0061.COMP	10	02:34	02:41:08.9	+43:40:49	300	89	3.0	0 Calibration	2	
0062.snASASSN15tz	1279	02:35	02:41:08.9	+43:40:49	300	82	3.0	#2 SN Observat	2	clouds
0063.COMP	10	02:57	02:41:08.9	+43:40:49	300	87	3.0	0 Calibration	2	
0064.AWI0005wiw	300	04:13	05:35:15.7	-00:59:12	300	87	3.0	#219 Disk Dete	2	
0065.AWI0005wiw	600	04:19	05:35:15.7	-00:59:12	300	87	3.0	#219 Disk Dete	2	
0066.COMP	10	04:30	05:35:15.7	-00:59:12	300	87	3.0	0 Calibration	2	
0067.AWI0005wj1	1200	04:31	05:35:20.2	-00:42:14	300	87	3.0	#219 Disk Dete	2	
0068.COMP	10	04:52	05:35:20.2	-00:42:14	300	84	3.0	0 Calibration	2	
0069.AWI0005wlo	474	04:53	05:37:06.2	+00:08:55	300	84	3.0	#219 Disk Dete	2	stopped by clouds
0070.COMP	10	05:01	05:37:06.2	+00:08:55	300	87	3.0	0 Calibration	2	
0071-0080.DARK	1200	08:37	05:05:30.6	+52:49:52	300	87	3.0	0 Calibration	2	

UT Date 2016-01-09 Observers M CalkinsColl. Focus 1350 Grating/Grism 300

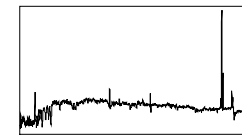
File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0001-0010.DARK	900	01:54	23:22:43.1	+31:25:09	300	87	3.0	0 Calibration	4	
0011-0020.BIAS	0	08:34	23:22:43.1	+31:25:09	300	87	3.0	0 Calibration	4	
0021-0040.FLAT	6	08:46	23:22:43.1	+31:25:09	300	87	3.0	0 Calibration	2	
0041-0050.BIAS	0	08:49	23:22:43.1	+31:25:09	300	87	3.0	0 Calibration	2	
0051.HD84937	50	10:57	09:48:56.1	+13:44:39	300	87	3.0	#56 Spectropho	2	
0052.COMP	10	10:59	09:48:56.1	+13:44:39	300	87	3.0	0 Calibration	2	
0053.Feige34	240	11:01	10:39:36.7	+43:06:09	300	87	3.0	#56 Spectropho	2	
0054.COMP	10	11:06	10:39:36.7	+43:06:09	300	87	3.0	0 Calibration	2	
0055.CSS151219	2400	11:53	10:19:34.6	+39:00:48	300	87	3.0	#220 ASASSN Tr	2	
0056.COMP	10	12:33	10:19:34.6	+39:00:48	300	88	3.0	0 Calibration	2	
0057.snASASSN-15uy	1800	12:38	14:32:15.3	+26:19:32	300	82	3.0	#220 ASASSN Tr	2	
0058.COMP	10	13:09	14:32:15.3	+26:19:32	300	87	3.0	0 Calibration	2	
0059.N4853	300	13:11	12:58:35.2	+27:35:47	300	87	3.0	#57 Velocity S	2	
0060.COMP	10	13:17	12:58:35.2	+27:35:47	300	86	3.0	0 Calibration	2	
0061.TXCVn	10	13:19	12:44:42.0	+36:45:48	300	86	3.0	#12 Symbiotic	2	
0062.TXCVn	30	13:19	12:44:42.0	+36:45:48	300	86	3.0	#12 Symbiotic	2	
0063.COMP	10	13:20	12:44:42.0	+36:45:48	300	86	3.0	0 Calibration	2	
0064.TCrB	15	13:22	15:59:30.0	+25:55:12	300	86	3.0	#12 Symbiotic	2	
0065.TCrB	60	13:24	15:59:30.0	+25:55:12	300	86	3.0	#12 Symbiotic	2	
0066.COMP	10	13:25	15:59:30.0	+25:55:12	300	86	3.0	0 Calibration	2	

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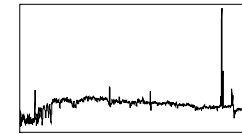
<i>File</i>	<i>Exp Time</i>	<i>UT Start</i>	<i>RA</i>	<i>Dec</i>	<i>Gr.</i>	<i>P.A.</i>	<i>Slit</i>	<i>Program</i>	<i>Bin</i>	<i>Comments</i>
0067-0076.BIAS	0	13:31	15:59:30.0	+25:55:12	300	86	3.0	0 Calibration	2	
0077-0096.FLAT	6	13:37	15:59:30.0	+25:55:12	300	86	3.0	0 Calibration	2	
0097-0106.DARK	900	16:00	15:59:30.0	+25:55:12	300	86	3.0	0 Calibration	2	

UT Date 2016-01-10 Observers M CalkinsColl. Focus 1350 Grating/Grism 300

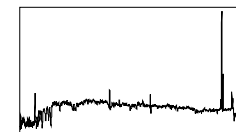
File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0001-0020.BIAS	0	00:59	15:59:30.0	+25:55:12	300	86	3.0	0 Calibration	4	
0021-0040.FLAT	6	01:07	15:59:30.0	+25:55:12	300	86	3.0	0 Calibration	2	
0041-0050.BIAS	0	01:10	15:59:30.0	+25:55:12	300	86	3.0	0 Calibration	2	
0051.M31	60	01:40	00:42:44.3	+41:16:09	300	86	3.0	#57 Velocity S	2	
0052.COMP	10	01:41	00:42:44.3	+41:16:09	300	86	3.0	0 Calibration	2	
0053.RAqr	1	01:45	23:43:49.0	-15:17:05	300	86	3.0	#12 Symbiotic	2	
0054.RAqr	5	01:46	23:43:49.0	-15:17:05	300	86	3.0	#12 Symbiotic	2	
0055.RAqr	10	01:46	23:43:49.0	-15:17:05	300	86	3.0	#12 Symbiotic	2	
0056.RAqr	60	01:47	23:43:49.0	-15:17:05	300	86	3.0	#12 Symbiotic	2	
0057.COMP	10	01:48	23:43:49.0	-15:17:05	300	86	3.0	0 Calibration	2	
0058.snASASSN-15un	1800	01:53	02:40:41.4	+16:49:52	300	86	3.0	#220 ASASSN Tr	2	
0059.COMP	10	02:25	02:40:41.4	+16:49:52	300	87	3.0	0 Calibration	2	
0060.snASASSN-15tz	2400	02:28	02:41:08.9	+43:40:49	300	87	3.0	#220 ASASSN Tr	2	
0061.COMP	10	03:08	02:41:08.9	+43:40:49	300	86	3.0	0 Calibration	2	
0062.snPSNJ03094251	1800	03:13	03:09:42.5	+40:58:29	300	70	3.0	#220 ASASSN Tr	2	
0063.COMP	10	03:43	03:09:42.5	+40:58:29	300	70	3.0	0 Calibration	2	
0064.GITau	600	03:46	04:33:34.0	+24:21:18	300	90	3.0	#12 Symbiotic	2	
0065.COMP	10	03:56	04:33:34.0	+24:21:18	300	90	3.0	0 Calibration	2	
0066.GKTau	300	03:58	04:33:34.5	+24:21:07	300	90	3.0	#12 Symbiotic	2	
0067.COMP	10	04:03	04:33:34.5	+24:21:07	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
0068.G191B2B	300	04:06	05:05:30.6	+52:49:52	300	90	3.0	#56 Spectropho	2	
0069.COMP	10	04:11	05:05:30.6	+52:49:52	300	88	3.0	0 Calibration	2	
0070.Hiltner600	90	04:14	06:45:13.4	+02:08:15	300	88	3.0	#56 Spectropho	2	
0071.COMP	10	04:16	06:45:13.4	+02:08:15	300	89	3.0	0 Calibration	2	
0072.snASASSN-15ug	1800	04:25	06:45:01.7	+63:15:00	300	89	3.0	#220 ASASSN Tr	2	
0073.COMP	10	04:56	06:45:01.7	+63:15:00	300	90	3.0	0 Calibration	2	
0074.G191B2B	360	05:02	05:05:30.6	+52:49:52	600	90	1.5	#56 Spectropho	4	
0075.COMP	10	05:09	05:05:30.6	+52:49:52	600	89	1.5	0 Calibration	4	
0076.lamost126	240	05:11	05:55:47.3	+11:42:04	600	90	1.5	#178 Low Mass	4	
0077.COMP	10	05:15	05:55:47.3	+11:42:04	600	90	1.5	0 Calibration	4	
0078.lamost126	240	05:16	05:55:47.3	+11:42:04	600	90	1.5	#178 Low Mass	4	
0079.COMP	10	05:20	05:55:47.3	+11:42:04	600	90	1.5	0 Calibration	4	
0080.lamost126	240	05:21	05:55:47.3	+11:42:04	600	90	1.5	#178 Low Mass	4	
0081.COMP	10	05:26	05:55:47.3	+11:42:04	600	90	1.5	0 Calibration	4	
0082.lamost126	240	05:27	05:55:47.3	+11:42:04	600	90	1.5	#178 Low Mass	4	
0083.COMP	10	05:31	05:55:47.3	+11:42:04	600	90	1.5	0 Calibration	4	
0084.lamost126	240	05:32	05:55:47.3	+11:42:04	600	90	1.5	#178 Low Mass	4	
0085.COMP	10	05:36	05:55:47.3	+11:42:04	600	90	1.5	0 Calibration	4	
0086.lamost126	240	05:37	05:55:47.3	+11:42:04	600	90	1.5	#178 Low Mass	4	
0087.COMP	10	05:41	05:55:47.3	+11:42:04	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
0088.lamost126	240	05:42	05:55:47.3	+11:42:04	600	90	1.5	#178 Low Mass	4	
0089.COMP	10	05:46	05:55:47.3	+11:42:04	600	90	1.5	0 Calibration	4	
0090.lamost126	240	05:47	05:55:47.3	+11:42:04	600	90	1.5	#178 Low Mass	4	
0091.COMP	10	05:52	05:55:47.3	+11:42:04	600	90	1.5	0 Calibration	4	
0092.lmwd035	1380	05:55	07:46:15.8	+39:22:03	600	97	1.5	#178 Low Mass	4	
0093.COMP	10	06:18	07:46:15.8	+39:22:03	600	96	1.5	0 Calibration	4	
0094.k0758	1200	06:21	07:58:04.6	+47:54:06	600	91	1.5	#178 Low Mass	4	
0095.COMP	10	06:41	07:58:04.6	+47:54:06	600	90	1.5	0 Calibration	4	
0096.j0800p05	660	06:43	08:00:17.5	+05:50:30	600	90	1.5	#178 Low Mass	4	
0097.COMP	10	06:55	08:00:17.5	+05:50:30	600	90	1.5	0 Calibration	4	
0098.k0802	1500	06:57	08:02:05.9	+43:32:28	600	90	1.5	#178 Low Mass	4	
0099.COMP	10	07:23	08:02:05.9	+43:32:28	600	90	1.5	0 Calibration	4	
0100.lamost126	240	07:25	05:55:47.3	+11:42:04	600	90	1.5	#178 Low Mass	4	
0101.COMP	10	07:29	05:55:47.3	+11:42:04	600	90	1.5	0 Calibration	4	
0102.lmwd035	1500	07:31	07:46:15.8	+39:22:03	600	98	1.5	#178 Low Mass	4	
0103.COMP	10	07:57	07:46:15.8	+39:22:03	600	97	1.5	0 Calibration	4	
0104.k0758	1200	07:58	07:58:04.6	+47:54:06	600	97	1.5	#178 Low Mass	4	
0105.COMP	10	08:19	07:58:04.6	+47:54:06	600	97	1.5	0 Calibration	4	
0106.j0800p05	660	08:21	08:00:17.5	+05:50:30	600	90	1.5	#178 Low Mass	4	
0107.COMP	10	08:32	08:00:17.5	+05:50:30	600	90	1.5	0 Calibration	4	

UT Date 2016-01-10 Observers M CalkinsColl. Focus 1350 Grating/Grism 300

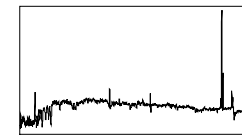
File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0108.k0802	1500	08:34	08:02:05.9	+43:32:28	600	90	1.5	#178 Low Mass	4	
0109.COMP	10	09:00	08:02:05.9	+43:32:28	600	90	1.5	0 Calibration	4	
0110.lamost126	240	09:02	05:55:47.3	+11:42:04	600	90	1.5	#178 Low Mass	4	
0111.COMP	10	09:06	05:55:47.3	+11:42:04	600	90	1.5	0 Calibration	4	
0112.lmwd035	1500	09:08	07:46:15.8	+39:22:03	600	96	1.5	#178 Low Mass	4	
0113.COMP	10	09:34	07:46:15.8	+39:22:03	600	97	1.5	0 Calibration	4	
0114.k0758	1200	09:35	07:58:04.6	+47:54:06	600	90	1.5	#178 Low Mass	4	
0115.COMP	10	09:55	07:58:04.6	+47:54:06	600	90	1.5	0 Calibration	4	
0116.j0800p05	660	09:57	08:00:17.5	+05:50:30	600	90	1.5	#178 Low Mass	4	
0117.COMP	10	10:09	08:00:17.5	+05:50:30	600	90	1.5	0 Calibration	4	
0118.k0802	1500	10:11	08:02:05.9	+43:32:28	600	90	1.5	#178 Low Mass	4	
0119.COMP	10	10:36	08:02:05.9	+43:32:28	600	90	1.5	0 Calibration	4	
0120.lamost126	240	10:38	05:55:47.3	+11:42:04	600	90	1.5	#178 Low Mass	4	
0121.COMP	10	10:42	05:55:47.3	+11:42:04	600	90	1.5	0 Calibration	4	
0122.lmwd035	1500	10:45	07:46:15.8	+39:22:03	600	96	1.5	#178 Low Mass	4	clouds moving in
0123.COMP	10	11:11	07:46:15.8	+39:22:03	600	97	1.5	0 Calibration	4	
0124.k0758	1200	11:13	07:58:04.6	+47:54:06	600	90	1.5	#178 Low Mass	4	
0125.COMP	10	11:33	07:58:04.6	+47:54:06	600	90	1.5	0 Calibration	4	
0126.j0800p05	660	11:35	08:00:17.5	+05:50:30	600	90	1.5	#178 Low Mass	4	
0127.COMP	10	11:51	08:00:17.5	+05:50:30	600	90	1.5	0 Calibration	4	

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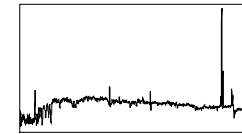
<i>File</i>	<i>Exp Time</i>	<i>UT Start</i>	<i>RA</i>	<i>Dec</i>	<i>Gr.</i>	<i>P.A.</i>	<i>Slit</i>	<i>Program</i>	<i>Bin</i>	<i>Comments</i>
0128.k0802	1500	11:53	08:02:05.9	+43:32:28	600	90	1.5	#178 Low Mass	4	
0129.COMP	10	12:19	08:02:05.9	+43:32:28	600	90	1.5	0 Calibration	4	
0130-0139.FLAT	12	12:24	08:02:05.9	+43:32:28	600	90	1.5	0 Calibration	4	
0140.COMP	5	12:28	08:02:05.9	+43:32:28	300	90	3.0	0 Calibration	4	test
0141.COMP	5	12:29	08:02:05.9	+43:32:28	300	90	3.0	0 Calibration	4	
0142.COMP	5	12:31	08:02:05.9	+43:32:28	300	90	3.0	0 Calibration	4	
0143-0152.BIAS	0	12:58	14:32:15.3	+26:19:32	300	89	3.0	0 Calibration	2	
0153-0172.FLAT	6	13:10	14:32:15.3	+26:19:32	300	89	3.0	0 Calibration	2	
0173-0182.BIAS	0	13:15	14:32:15.3	+26:19:32	300	89	3.0	0 Calibration	4	
0183-0187.DARK	900	14:18	14:32:15.3	+26:19:32	300	89	3.0	0 Calibration	4	
0188-0192.DARK	900	15:34	14:32:15.3	+26:19:32	300	89	3.0	0 Calibration	2	

UT Date 2016-01-11 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	01:31	22:37:04.1	+34:24:56	300	90	3.0	0 Calibration	2	
0011-0025.FLAT	7	01:36	22:37:04.1	+34:24:56	300	90	3.0	0 Calibration	2	
0026-0035.DARK	1200	04:43	22:37:04.1	+34:24:56	300	90	3.0	0 Calibration	2	
0036.G191B2B	300	05:14	05:05:30.6	+52:49:52	300	90	3.0	#56 Spectropho	2	
0037.COMP	10	05:20	05:05:30.6	+52:49:52	300	90	3.0	0 Calibration	2	
0038.snPSN030357p43	1800	05:23	03:03:57.7	+43:24:04	300	90	3.0	#2 SN Observat	2	
0039.COMP	10	05:54	03:03:57.7	+43:24:04	300	90	3.0	0 Calibration	2	
0040.snAT2016G	1489	05:55	03:03:57.7	+43:24:04	300	90	3.0	#2 SN Observat	2	
0041.COMP	10	06:20	03:03:57.7	+43:24:04	300	89	3.0	0 Calibration	2	
0042.Hiltner600	100	06:23	06:45:13.4	+02:08:15	300	89	3.0	#56 Spectropho	2	
0043.COMP	10	06:25	06:45:13.4	+02:08:15	300	89	3.0	0 Calibration	2	
0044.snASASSN-15ug	900	06:30	06:45:01.7	+63:15:00	300	88	3.0	#220 ASASSN Tr	2	
0045.snASASSN-15ug	900	06:46	06:45:01.7	+63:15:00	300	88	3.0	#220 ASASSN Tr	2	
0046.snASASSN-15ug	900	07:01	06:45:01.7	+63:15:00	300	88	3.0	#220 ASASSN Tr	2	
0047.COMP	10	07:16	06:45:01.7	+63:15:00	300	86	3.0	0 Calibration	2	
0048.test	10	07:20	07:45:00.0	+32:00:00	300	86	5.0	#223 NEOWISE N	2	
0049.85990.1999JV6	720	07:24	07:03:30.7	-09:53:54	300	86	5.0	#223 NEOWISE N	2	
0050.85990.1999JV6	720	07:40	07:03:30.7	-09:53:54	300	86	5.0	#223 NEOWISE N	2	
0051.85990.1999JV6	720	07:52	07:03:30.7	-09:53:54	300	86	5.0	#223 NEOWISE N	2	
0052.85990.1999JV6	720	08:05	07:03:30.7	-09:53:54	300	86	5.0	#223 NEOWISE N	2	

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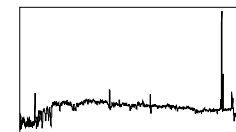
File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0053.COMP	5	08:17	07:03:30.7	-09:53:54	300	86	5.0	0 Calibration	2	
0054.Hiltner600	180	08:18	06:45:13.4	+02:08:15	300	86	5.0	#223 NEOWISE N	2	
0055.COMP	5	08:22	06:45:13.4	+02:08:15	300	90	5.0	0 Calibration	2	
0056.SA98-978	240	08:23	06:51:34.0	-00:11:33	300	90	5.0	#223 NEOWISE N	2	
0057.COMP	5	08:27	06:51:34.0	-00:11:33	300	90	5.0	0 Calibration	2	
0058.HD81809	2	08:29	09:27:46.8	-06:04:17	300	90	5.0	#223 NEOWISE N	2	
0059.HD81809	2	08:29	09:27:46.8	-06:04:17	300	90	5.0	#223 NEOWISE N	2	
0060.HD81809	2	08:30	09:27:46.8	-06:04:17	300	90	5.0	#223 NEOWISE N	2	
0061.COMP	5	08:30	09:27:46.8	-06:04:17	300	90	5.0	0 Calibration	2	
0062.HD78538	30	08:31	09:08:47.0	-05:06:58	300	90	5.0	#223 NEOWISE N	2	
0063.HD78538	30	08:32	09:08:47.0	-05:06:58	300	90	5.0	#223 NEOWISE N	2	
0064.HD78538	30	08:33	09:08:47.0	-05:06:58	300	90	5.0	#223 NEOWISE N	2	
0065.COMP	5	08:34	09:08:47.0	-05:06:58	300	90	5.0	0 Calibration	2	
0066-0080.FLAT	5	08:39	09:08:47.0	-05:06:58	300	90	5.0	0 Calibration	2	
0081-0085.FLAT	4	08:41	09:08:47.0	-05:06:58	300	90	5.0	0 Calibration	2	
0086.test	10	08:43	09:15:00.0	+32:00:00	300	90	3.0	#223 NEOWISE N	2	
0087.test	10	08:45	09:15:00.0	+32:00:00	300	90	3.0	#223 NEOWISE N	2	
0088.snASASSN15tj	1800	08:49	07:55:28.7	+52:09:28	300	90	3.0	#2 SN Observat	2	
0089.COMP	10	09:19	07:55:28.7	+52:09:28	300	90	3.0	0 Calibration	2	
0090.CSS151219	1200	11:38	10:19:34.6	+39:00:48	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
0091.CSS151219	1200	11:59	10:19:34.6	+39:00:48	300	89	3.0	#220 ASASSN Tr	2	
0092.CSS151219	1200	12:19	10:19:34.6	+39:00:48	300	89	3.0	#220 ASASSN Tr	2	
0093.COMP	10	12:40	10:19:34.6	+39:00:48	300	89	3.0	0 Calibration	2	
0094.Feige34	180	12:41	10:39:36.7	+43:06:09	300	90	3.0	#56 Spectropho	2	
0095.COMP	10	12:45	10:39:36.7	+43:06:09	300	89	3.0	0 Calibration	2	
0096.snASASSN-15u1	900	12:48	15:00:27.7	+06:27:19	300	89	3.0	#220 ASASSN Tr	2	
0097.snASASSN-15u1	900	13:03	15:00:27.7	+06:27:19	300	89	3.0	#220 ASASSN Tr	2	
0098.snASASSN-15u1	850	13:19	15:00:27.7	+06:27:19	300	89	3.0	#220 ASASSN Tr	2	
0099.COMP	10	13:33	15:00:27.7	+06:27:19	300	89	3.0	0 Calibration	2	
0100-0109.BIAS	0	13:37	15:00:27.7	+06:27:19	300	89	3.0	0 Calibration	2	
0110-0124.FLAT	7	13:43	15:00:27.7	+06:27:19	300	89	3.0	0 Calibration	2	
0125-0134.DARK	1200	16:50	15:00:27.7	+06:27:19	300	89	3.0	0 Calibration	2	

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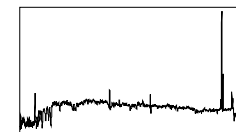
File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0001-0007.DARK	1200	23:34	15:00:27.7	+06:27:19	300	89	3.0	0 Calibration	2	
0008-0020.BIAS	0	00:34	15:00:27.7	+06:27:19	300	89	3.0	0 Calibration	2	
0021.FLAT	5	00:35	00:35:00.0	+32:00:00	300	89	5.0	0 Calibration	2	300-line, 5-sec, gg495, red
0022-0035.FLAT	5	00:39	00:35:00.0	+32:00:00	300	89	5.0	0 Calibration	2	
0036.HD1461	20	01:23	00:18:41.9	-08:03:11	300	89	5.0	#223 NEOWISE N	2	
0037.HD1461	20	01:24	00:18:41.9	-08:03:11	300	89	5.0	#223 NEOWISE N	2	
0038.HD1461	20	01:24	00:18:41.9	-08:03:11	300	89	5.0	#223 NEOWISE N	2	
0039.COMP	5	01:25	00:18:41.9	-08:03:11	300	89	5.0	0 Calibration	2	
0040.HD1835	15	01:26	00:22:51.7	-12:12:34	300	89	5.0	#223 NEOWISE N	2	
0041.HD1835	15	01:26	00:22:51.7	-12:12:34	300	89	5.0	#223 NEOWISE N	2	soft seeing
0042.HD1835	15	01:27	00:22:51.7	-12:12:34	300	89	5.0	#223 NEOWISE N	2	
0043.COMP	5	01:27	00:22:51.7	-12:12:34	300	89	5.0	0 Calibration	2	
0044.HD1368	60	01:29	00:17:54.6	+00:22:40	300	89	5.0	#223 NEOWISE N	2	
0045.HD1368	60	01:30	00:17:54.6	+00:22:40	300	89	5.0	#223 NEOWISE N	2	
0046.HD1368	60	01:31	00:17:54.6	+00:22:40	300	89	5.0	#223 NEOWISE N	2	
0047.COMP	5	01:33	00:17:54.6	+00:22:40	300	89	5.0	0 Calibration	2	
0048.BDp174708	120	01:35	22:11:31.4	+18:05:34	300	89	5.0	#223 NEOWISE N	2	
0049.BDp174708	120	01:38	22:11:31.4	+18:05:34	300	89	5.0	#223 NEOWISE N	2	
0050.BDp174708	120	01:40	22:11:31.4	+18:05:34	300	89	5.0	#223 NEOWISE N	2	
0051.COMP	5	01:42	22:11:31.4	+18:05:34	300	89	5.0	0 Calibration	2	

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File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0052.2004.MQ1	1800	01:47	01:17:38.1	+74:26:44	300	89	5.0	#223 NEOWISE N	2	
0053.COMP	5	02:18	01:17:38.1	+74:26:44	300	89	5.0	0 Calibration	2	
0054.2004.MQ1	1800	02:31	01:17:38.1	+74:26:44	300	89	5.0	#223 NEOWISE N	2	extremely poor seeing
0055.COMP	5	03:01	01:17:38.1	+74:26:44	300	89	5.0	0 Calibration	2	
0056.2004.MQ1	1800	03:04	01:17:38.1	+74:26:44	300	89	5.0	#223 NEOWISE N	2	
0057.COMP	5	03:34	01:17:38.1	+74:26:44	300	89	5.0	0 Calibration	2	
0058.test	10	03:39	04:10:00.0	+32:00:00	300	89	3.0	#223 NEOWISE N	2	
0059.FLAT	7	03:39	04:10:00.0	+32:00:00	300	89	3.0	0 Calibration	2	300-line, 3-sec
0060-0068.FLAT	7	03:42	04:10:00.0	+32:00:00	300	89	3.0	0 Calibration	2	
0069.snAT2016G	1800	03:46	03:03:57.7	+43:24:04	300	70	3.0	#2 SN Observat	2	
0070.COMP	10	04:16	03:03:57.7	+43:24:04	300	70	3.0	0 Calibration	2	
0071.snAT2016G	1800	04:17	03:03:57.7	+43:24:04	300	70	3.0	#2 SN Observat	2	
0072.COMP	10	04:48	03:03:57.7	+43:24:04	300	70	3.0	0 Calibration	2	
0073.G191B2B	300	04:50	05:05:30.6	+52:49:52	300	70	3.0	#56 Spectropho	2	
0074.COMP	10	04:55	05:05:30.6	+52:49:52	300	70	3.0	0 Calibration	2	
0075.HD19445	10	04:57	03:08:25.6	+26:19:51	300	70	3.0	#56 Spectropho	2	
0076.COMP	10	04:58	03:08:25.6	+26:19:51	300	70	3.0	0 Calibration	2	
0077.BIAS	0	05:02	05:30:00.0	+32:00:00	600	89	1.5	0 Calibration	4	
0078.G191B2B	300	05:04	05:05:30.6	+52:49:52	600	89	1.5	#56 Spectropho	4	600-line, 1.5-sec. blue 445
0079.COMP	10	05:10	05:05:30.6	+52:49:52	600	90	1.5	0 Calibration	4	

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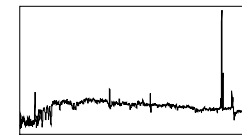
File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0080.k0802	1500	05:13	08:02:05.9	+43:32:28	600	95	1.5	#178 Low Mass	4	
0081.COMP	10	05:38	08:02:05.9	+43:32:28	600	95	1.5	0 Calibration	4	
0082.k0802	1500	05:39	08:02:05.9	+43:32:28	600	95	1.5	#178 Low Mass	4	
0083.COMP	10	06:04	08:02:05.9	+43:32:28	600	95	1.5	0 Calibration	4	
0084.k0802	1500	06:05	08:02:05.9	+43:32:28	600	95	1.5	#178 Low Mass	4	
0085.COMP	10	06:30	08:02:05.9	+43:32:28	600	95	1.5	0 Calibration	4	
0086.k0802	1500	06:31	08:02:05.9	+43:32:28	600	95	1.5	#178 Low Mass	4	
0087.COMP	10	06:57	08:02:05.9	+43:32:28	600	95	1.5	0 Calibration	4	
0088.k0832	1500	07:00	08:32:38.9	+13:51:21	600	91	1.5	#178 Low Mass	4	
0089.COMP	10	07:26	08:32:38.9	+13:51:21	600	91	1.5	0 Calibration	4	
0090.k0832	1500	07:26	08:32:38.9	+13:51:21	600	91	1.5	#178 Low Mass	4	
0091.COMP	10	07:52	08:32:38.9	+13:51:21	600	91	1.5	0 Calibration	4	
0092.k0832	1500	07:52	08:32:38.9	+13:51:21	600	91	1.5	#178 Low Mass	4	
0093.COMP	10	08:18	08:32:38.9	+13:51:21	600	91	1.5	0 Calibration	4	
0094.k0832	1500	08:18	08:32:38.9	+13:51:21	600	91	1.5	#178 Low Mass	4	
0095.COMP	10	08:44	08:32:38.9	+13:51:21	600	90	1.5	0 Calibration	4	
0096.wd0921	1500	08:48	09:23:50.3	-12:18:24	600	90	1.5	#178 Low Mass	4	
0097.COMP	10	09:14	09:23:50.3	-12:18:24	600	90	1.5	0 Calibration	4	
0098.wd0921	1500	09:14	09:23:50.3	-12:18:24	600	90	1.5	#178 Low Mass	4	
0099.COMP	10	09:40	09:23:50.3	-12:18:24	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
0100.wd0921	1500	09:41	09:23:50.3	-12:18:24	600	90	1.5	#178 Low Mass	4	
0101.COMP	10	10:06	09:23:50.3	-12:18:24	600	90	1.5	0 Calibration	4	
0102.wd0921	1500	10:08	09:23:50.3	-12:18:24	600	90	1.5	#178 Low Mass	4	
0103.COMP	10	10:33	09:23:50.3	-12:18:24	600	90	1.5	0 Calibration	4	
0104.wd0921	1500	10:34	09:23:50.3	-12:18:24	600	90	1.5	#178 Low Mass	4	
0105.COMP	10	10:59	09:23:50.3	-12:18:24	600	90	1.5	0 Calibration	4	
0106.Feige34	120	11:03	10:39:36.7	+43:06:09	600	90	1.5	#56 Spectropho	4	
0107.COMP	10	11:05	10:39:36.7	+43:06:09	600	90	1.5	0 Calibration	4	
0108.j1334p66	600	11:08	13:34:05.5	+66:49:57	600	90	1.5	#178 Low Mass	4	
0109.COMP	10	11:18	13:34:05.5	+66:49:57	600	90	1.5	0 Calibration	4	
0110.j1334p66	600	11:19	13:34:05.5	+66:49:57	600	90	1.5	#178 Low Mass	4	
0111.COMP	10	11:29	13:34:05.5	+66:49:57	600	90	1.5	0 Calibration	4	
0112.j1334p66	600	11:30	13:34:05.5	+66:49:57	600	90	1.5	#178 Low Mass	4	
0113.COMP	10	11:40	13:34:05.5	+66:49:57	600	90	1.5	0 Calibration	4	
0114.j1334p66	600	11:41	13:34:05.5	+66:49:57	600	90	1.5	#178 Low Mass	4	
0115.COMP	10	11:51	13:34:05.5	+66:49:57	600	90	1.5	0 Calibration	4	
0116.j1334p66	600	11:52	13:34:05.5	+66:49:57	600	90	1.5	#178 Low Mass	4	
0117.COMP	10	12:03	13:34:05.5	+66:49:57	600	90	1.5	0 Calibration	4	
0118.j1334p66	600	12:03	13:34:05.5	+66:49:57	600	90	1.5	#178 Low Mass	4	
0119.COMP	10	12:14	13:34:05.5	+66:49:57	600	90	1.5	0 Calibration	4	

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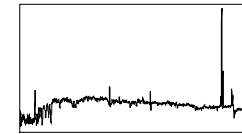
<i>File</i>	<i>Exp Time</i>	<i>UT Start</i>	<i>RA</i>	<i>Dec</i>	<i>Gr.</i>	<i>P.A.</i>	<i>Slit</i>	<i>Program</i>	<i>Bin</i>	<i>Comments</i>
0120-0129.FLAT	12	12:23	12:45:00.0	+32:00:00	600	90	1.5	0 Calibration	4	
0130-0139.BIAS	0	12:25	12:45:00.0	+32:00:00	600	90	1.5	0 Calibration	4	
0140.test	10	12:29	12:35:00.0	+32:00:00	300	90	3.0	#223 NEOWISE N	4	
0141-0150.DARK	1200	15:40	12:35:00.0	+32:00:00	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
0002-0012.BIAS	0	01:34	20:24:03.8	+33:52:02	300	90	3.0	0 Calibration	2	
0013.FLAT	7	01:35	20:24:03.8	+33:52:02	300	90	3.0	0 Calibration	2	300-line, 3-sec
0014-0027.FLAT	7	01:40	20:24:03.8	+33:52:02	300	90	3.0	0 Calibration	2	
0028.V404Cyg	464	01:44	20:24:03.8	+33:52:02	300	89	3.0	#12 Symbiotic	2	
0029.COMP	10	01:53	20:24:03.8	+33:52:02	300	89	3.0	0 Calibration	2	
0030.V1057Cyg	60	01:55	20:58:54.0	+44:15:30	300	89	3.0	#12 Symbiotic	2	
0031.V1057Cyg	480	01:56	20:58:54.0	+44:15:30	300	89	3.0	#12 Symbiotic	2	
0032.COMP	10	02:05	20:58:54.0	+44:15:30	300	90	3.0	0 Calibration	2	
0033.ZAnd	10	02:06	23:33:40.0	+48:49:06	300	90	3.0	#12 Symbiotic	2	
0034.ZAnd	60	02:07	23:33:40.0	+48:49:06	300	90	3.0	#12 Symbiotic	2	
0035.COMP	10	02:08	23:33:40.0	+48:49:06	300	90	3.0	0 Calibration	2	
0036.snAT2016G	1800	02:11	03:03:57.7	+43:24:04	300	75	3.0	#2 SN Observat	2	
0037.COMP	10	02:41	03:03:57.7	+43:24:04	300	75	3.0	0 Calibration	2	
0038.snAT2016G	1800	02:42	03:03:57.7	+43:24:04	300	75	3.0	#2 SN Observat	2	
0039.COMP	10	03:12	03:03:57.7	+43:24:04	300	75	3.0	0 Calibration	2	
0040.snAT2016G	1800	03:13	03:03:57.7	+43:24:04	300	75	3.0	#2 SN Observat	2	
0041.COMP	10	03:43	03:03:57.7	+43:24:04	300	75	3.0	0 Calibration	2	
0042.HD19445	15	03:45	03:08:25.6	+26:19:51	300	75	3.0	#56 Spectropho	2	
0043.HD19445	15	03:46	03:08:25.6	+26:19:51	300	75	3.0	#56 Spectropho	2	
0044.HD19445	15	03:47	03:08:25.6	+26:19:51	300	75	3.0	#56 Spectropho	2	

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File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0045.COMP	10	03:47	03:08:25.6	+26:19:51	300	75	3.0	0 Calibration	2	
0046.snPSNJ03094251	1800	03:49	03:09:42.5	+40:58:29	300	75	3.0	#2 SN Observat	2	
0047.COMP	10	04:21	03:09:42.5	+40:58:29	300	75	3.0	0 Calibration	2	
0048.snBRUTUS7399_11	900	04:24	05:47:45.2	+53:36:31	300	90	3.0	#220 ASASSN Tr	2	
0049.snBRUTUS7399_11	900	04:39	05:47:45.2	+53:36:31	300	90	3.0	#220 ASASSN Tr	2	
0050.snBRUTUS7399_11	900	04:55	05:47:45.2	+53:36:31	300	90	3.0	#220 ASASSN Tr	2	
0051.COMP	10	05:10	05:47:45.2	+53:36:31	300	88	3.0	0 Calibration	2	
0052.snASASSN15tj	1800	05:13	07:55:28.7	+52:09:28	300	88	3.0	#2 SN Observat	2	
0053.COMP	10	05:43	07:55:28.7	+52:09:28	300	90	3.0	0 Calibration	2	
0054.G191B2B	300	05:46	05:05:30.6	+52:49:52	300	90	3.0	#56 Spectropho	2	
0055.COMP	10	05:51	05:05:30.6	+52:49:52	300	90	3.0	0 Calibration	2	
0056.BIAS	0	05:57	06:30:00.0	+32:00:00	600	88	1.5	0 Calibration	4	
0057.j0819p42	1000	06:00	08:19:17.7	+42:33:39	600	88	1.5	#178 Low Mass	4	600-line, 1.5-sec, 445 blue
0058.COMP	10	06:17	08:19:17.7	+42:33:39	600	89	1.5	0 Calibration	4	
0059.k0832	1500	06:19	08:32:38.9	+13:51:21	600	89	1.5	#178 Low Mass	4	
0060.COMP	10	06:45	08:32:38.9	+13:51:21	600	89	1.5	0 Calibration	4	
0061.j0800p05	660	06:47	08:00:17.5	+05:50:30	600	89	1.5	#178 Low Mass	4	
0062.COMP	10	06:59	08:00:17.5	+05:50:30	600	90	1.5	0 Calibration	4	
0063.wd0921	1380	07:03	09:23:50.3	-12:18:24	600	90	1.5	#178 Low Mass	4	
0064.COMP	10	07:27	09:23:50.3	-12:18:24	600	89	1.5	0 Calibration	4	

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File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0065.j0819p42	1000	07:29	08:19:17.7	+42:33:39	600	89	1.5	#178 Low Mass	4	
0066.COMP	10	07:46	08:19:17.7	+42:33:39	600	90	1.5	0 Calibration	4	
0067.k0832	1500	07:48	08:32:38.9	+13:51:21	600	90	1.5	#178 Low Mass	4	
0068.COMP	10	08:14	08:32:38.9	+13:51:21	600	90	1.5	0 Calibration	4	
0069.wd0921	1380	08:15	09:23:50.3	-12:18:24	600	90	1.5	#178 Low Mass	4	
0070.COMP	10	08:38	09:23:50.3	-12:18:24	600	89	1.5	0 Calibration	4	
0071.j0819p42	1000	08:40	08:19:17.7	+42:33:39	600	89	1.5	#178 Low Mass	4	
0072.COMP	10	08:58	08:19:17.7	+42:33:39	600	90	1.5	0 Calibration	4	
0073.k0832	1500	08:59	08:32:38.9	+13:51:21	600	90	1.5	#178 Low Mass	4	
0074.COMP	10	09:25	08:32:38.9	+13:51:21	600	89	1.5	0 Calibration	4	
0075.wd0921	1380	09:27	09:23:50.3	-12:18:24	600	89	1.5	#178 Low Mass	4	
0076.COMP	10	09:50	09:23:50.3	-12:18:24	600	89	1.5	0 Calibration	4	
0077.j0800p05	660	09:52	08:00:17.5	+05:50:30	600	89	1.5	#178 Low Mass	4	
0078.COMP	10	10:04	08:00:17.5	+05:50:30	600	90	1.5	0 Calibration	4	
0079.j0819p42	1000	10:06	08:19:17.7	+42:33:39	600	90	1.5	#178 Low Mass	4	
0080.COMP	10	10:23	08:19:17.7	+42:33:39	600	90	1.5	0 Calibration	4	
0081.k0832	1500	10:25	08:32:38.9	+13:51:21	600	90	1.5	#178 Low Mass	4	
0082.COMP	10	10:50	08:32:38.9	+13:51:21	600	90	1.5	0 Calibration	4	
0083.wd0921	1380	10:52	09:23:50.3	-12:18:24	600	90	1.5	#178 Low Mass	4	
0084.COMP	10	11:18	09:23:50.3	-12:18:24	600	90	1.5	0 Calibration	4	

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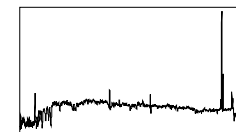
File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0085.Feige34	120	11:20	10:39:36.7	+43:06:09	600	90	1.5	#56 Spectropho	4	
0086.COMP	10	11:22	10:39:36.7	+43:06:09	600	90	1.5	0 Calibration	4	
0087.j0819p42	1000	11:24	08:19:17.7	+42:33:39	600	90	1.5	#178 Low Mass	4	
0088.COMP	10	11:41	08:19:17.7	+42:33:39	600	89	1.5	0 Calibration	4	
0089.k0832	1500	11:43	08:32:38.9	+13:51:21	600	89	1.5	#178 Low Mass	4	
0090.COMP	10	12:08	08:32:38.9	+13:51:21	600	89	1.5	0 Calibration	4	
0091-0100.FLAT	12	12:13	12:45:00.0	+32:00:00	600	90	1.5	0 Calibration	4	
0101.test	10	12:16	13:00:00.0	+32:00:00	300	90	3.0	#178 Low Mass	2	
0102.test	10	12:18	13:00:00.0	+32:00:00	300	90	3.0	#178 Low Mass	2	
0103.snASASSN-16ai	900	12:19	14:39:44.7	+23:23:43	300	90	3.0	#220 ASASSN Tr	2	300-line, 3-sec
0104.snASASSN-16ai	900	12:35	14:39:44.7	+23:23:43	300	90	3.0	#220 ASASSN Tr	2	
0105.snASASSN-16ai	900	12:50	14:39:44.7	+23:23:43	300	90	3.0	#220 ASASSN Tr	2	
0106.COMP	10	13:05	14:39:44.7	+23:23:43	300	89	3.0	0 Calibration	2	
0107.AGDra	5	13:09	16:01:41.0	+66:48:10	300	89	3.0	#12 Symbiotic	2	
0108.AGDra	20	13:10	16:01:41.0	+66:48:10	300	89	3.0	#12 Symbiotic	2	
0109.AGDra	90	13:11	16:01:41.0	+66:48:10	300	89	3.0	#12 Symbiotic	2	
0110.COMP	10	13:13	16:01:41.0	+66:48:10	300	89	3.0	0 Calibration	2	
0111-0120.BIAS	0	13:17	16:01:41.0	+66:48:10	300	89	3.0	0 Calibration	2	
0121-0135.FLAT	7	13:23	16:01:41.0	+66:48:10	300	89	3.0	0 Calibration	2	
0136-0145.BIAS	0	13:25	16:01:41.0	+66:48:10	300	89	3.0	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>
0146-0150.DARK	900	14:27	16:01:41.0	+66:48:10	300	89	3.0	0 Calibration	2	
0151-0155.DARK	900	15:44	16:01:41.0	+66:48:10	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
0001-0005.DARK	900	22:24	16:01:41.0	+66:48:10	300	89	3.0	0 Calibration	2	
0006-0010.DARK	900	23:41	16:01:41.0	+66:48:10	300	89	3.0	0 Calibration	4	
0011-0020.BIAS	0	00:22	16:01:41.0	+66:48:10	300	89	3.0	0 Calibration	2	
0021.FLAT	7	00:23	16:01:41.0	+66:48:10	300	89	3.0	0 Calibration	2	
0022.FLAT	7	00:23	16:01:41.0	+66:48:10	300	89	3.0	0 Calibration	2	300-line, 3-sec
0023-0035.FLAT	7	00:28	16:01:41.0	+66:48:10	300	89	3.0	0 Calibration	2	
0036-0045.BIAS	0	00:38	16:01:41.0	+66:48:10	300	89	3.0	0 Calibration	4	
0046.V1329Cyg	30	01:30	20:51:01.0	+35:34:55	300	89	3.0	#12 Symbiotic	2	
0047.V1329Cyg	90	01:31	20:51:01.0	+35:34:55	300	89	3.0	#12 Symbiotic	2	
0048.V1329Cyg	300	01:34	20:51:01.0	+35:34:55	300	89	3.0	#12 Symbiotic	2	
0049.V1329Cyg	600	01:40	20:51:01.0	+35:34:55	300	89	3.0	#12 Symbiotic	2	
0050.COMP	10	01:50	20:51:01.0	+35:34:55	300	90	3.0	0 Calibration	2	
0051.AGPeg	10	01:52	21:51:02.0	+12:37:33	300	90	3.0	#12 Symbiotic	2	
0052.AGPeg	1	01:53	21:51:02.0	+12:37:33	300	90	3.0	#12 Symbiotic	2	
0053.AGPeg	0	01:53	21:51:02.0	+12:37:33	300	90	3.0	#12 Symbiotic	2	
0054.COMP	10	01:54	21:51:02.0	+12:37:33	300	90	3.0	0 Calibration	2	
0055.HD19445	15	01:57	03:08:25.6	+26:19:51	300	90	3.0	#56 Spectropho	2	
0056.HD19445	15	01:58	03:08:25.6	+26:19:51	300	90	3.0	#56 Spectropho	2	
0057.HD19445	15	01:59	03:08:25.6	+26:19:51	300	90	3.0	#56 Spectropho	2	
0058.COMP	10	02:00	03:08:25.6	+26:19:51	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
0059.snAT2016G	1800	02:05	03:03:57.7	+43:24:04	300	75	3.0	#2 SN Observat	2	
0060.COMP	10	02:35	03:03:57.7	+43:24:04	300	75	3.0	0 Calibration	2	
0061.snAT2016G	1800	02:36	03:03:57.7	+43:24:04	300	75	3.0	#2 SN Observat	2	
0062.COMP	10	03:06	03:03:57.7	+43:24:04	300	75	3.0	0 Calibration	2	
0063.snAT2016G	1800	03:07	03:03:57.7	+43:24:04	300	75	3.0	#2 SN Observat	2	
0064.COMP	10	03:38	03:03:57.7	+43:24:04	300	75	3.0	0 Calibration	2	
0065.snASASSN15tz	1800	03:42	02:41:08.9	+43:40:49	300	89	3.0	#2 SN Observat	2	
0066.COMP	10	04:13	02:41:08.9	+43:40:49	300	90	3.0	0 Calibration	2	
0067.snASASSN16ah	900	04:15	05:47:45.4	+53:36:32	300	90	3.0	#2 SN Observat	2	
0068.snASASSN16ah	900	04:30	05:47:45.4	+53:36:32	300	90	3.0	#2 SN Observat	2	
0069.snASASSN16ah	900	04:46	05:47:45.4	+53:36:32	300	90	3.0	#2 SN Observat	2	
0070.COMP	10	05:01	05:47:45.4	+53:36:32	300	89	3.0	0 Calibration	2	
0071.G191B2B	300	05:04	05:05:30.6	+52:49:52	300	89	3.0	#56 Spectropho	2	
0072.COMP	10	05:09	05:05:30.6	+52:49:52	300	86	3.0	0 Calibration	2	
0073.AWI0005n36	1200	05:12	06:15:15.2	-00:51:19	300	86	3.0	#219 Disk Dete	2	
0074.COMP	10	05:32	06:15:15.2	-00:51:19	300	90	3.0	0 Calibration	2	
0075.AWI0005n3q	900	05:34	06:22:39.4	-05:19:47	300	90	3.0	#219 Disk Dete	2	
0076.COMP	10	05:49	06:22:39.4	-05:19:47	300	89	3.0	0 Calibration	2	
0077.AWI0002p36	900	05:51	06:57:12.5	+02:57:33	300	89	3.0	#219 Disk Dete	2	
0078.COMP	10	06:07	06:57:12.5	+02:57:33	300	90	3.0	0 Calibration	2	

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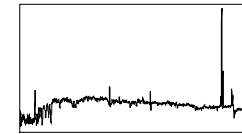
File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0079.AWI0000xg7	240	06:08	07:05:30.8	-05:19:31	300	90	3.0	#219 Disk Dete	2	
0080.COMP	10	06:13	07:05:30.8	-05:19:31	300	90	3.0	0 Calibration	2	
0081.AWI0005ai6	10	06:14	07:58:30.3	+02:56:09	300	90	3.0	#219 Disk Dete	2	
0082.AWI0005ai6	10	06:15	07:58:30.3	+02:56:09	300	90	3.0	#219 Disk Dete	2	
0083.COMP	10	06:15	07:58:30.3	+02:56:09	300	90	3.0	0 Calibration	2	
0084.Hiltner600	90	06:17	06:45:13.4	+02:08:15	300	90	3.0	#56 Spectropho	2	
0085.COMP	10	06:19	06:45:13.4	+02:08:15	300	90	3.0	0 Calibration	2	
0086.BIAS	0	06:22	07:10:00.0	+32:00:00	600	90	1.5	0 Calibration	4	
0087.j0819p42	1000	06:42	08:19:17.7	+42:33:39	600	90	1.5	#178 Low Mass	4	600-line, 1.5-sec, 445 blue
0088.COMP	10	06:59	08:19:17.7	+42:33:39	600	90	1.5	0 Calibration	4	
0089.k0832	1500	07:01	08:32:38.9	+13:51:21	600	90	1.5	#178 Low Mass	4	
0090.COMP	10	07:26	08:32:38.9	+13:51:21	600	90	1.5	0 Calibration	4	
0091.j0800p05	660	07:28	08:00:17.5	+05:50:30	600	90	1.5	#178 Low Mass	4	
0092.COMP	10	07:39	08:00:17.5	+05:50:30	600	89	1.5	0 Calibration	4	
0093.wd0921	1380	07:42	09:23:50.3	-12:18:24	600	89	1.5	#178 Low Mass	4	
0094.COMP	10	08:05	09:23:50.3	-12:18:24	600	89	1.5	0 Calibration	4	
0095.j0819p42	1000	08:08	08:19:17.7	+42:33:39	600	89	1.5	#178 Low Mass	4	
0096.COMP	10	08:25	08:19:17.7	+42:33:39	600	89	1.5	0 Calibration	4	
0097.k0832	1500	08:27	08:32:38.9	+13:51:21	600	89	1.5	#178 Low Mass	4	
0098.COMP	10	08:53	08:32:38.9	+13:51:21	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
0099.j0800p05	660	08:55	08:00:17.5	+05:50:30	600	90	1.5	#178 Low Mass	4	increasing clouds
0100.COMP	10	09:06	08:00:17.5	+05:50:30	600	90	1.5	0 Calibration	4	
0101.wd0921	1380	09:09	09:23:50.3	-12:18:24	600	90	1.5	#178 Low Mass	4	
0102.COMP	10	09:32	09:23:50.3	-12:18:24	600	90	1.5	0 Calibration	4	
0103.j0819p42	1000	09:34	08:19:17.7	+42:33:39	600	90	1.5	#178 Low Mass	4	
0104.COMP	10	09:51	08:19:17.7	+42:33:39	600	90	1.5	0 Calibration	4	
0105.k0832	1500	09:53	08:32:38.9	+13:51:21	600	90	1.5	#178 Low Mass	4	
0106.COMP	10	10:18	08:32:38.9	+13:51:21	600	90	1.5	0 Calibration	4	
0107.j0800p05	660	10:19	08:00:17.5	+05:50:30	600	90	1.5	#178 Low Mass	4	
0108.COMP	10	10:30	08:00:17.5	+05:50:30	600	89	1.5	0 Calibration	4	
0109.Feige34	120	10:32	10:39:36.7	+43:06:09	600	89	1.5	#56 Spectropho	4	
0110.COMP	10	10:34	10:39:36.7	+43:06:09	600	89	1.5	0 Calibration	4	
0111-0120.FLAT	12	10:39	10:39:36.7	+43:06:09	600	89	1.5	0 Calibration	4	
0121.test	10	10:42	10:39:36.7	+43:06:09	600	89	1.5	#56 Spectropho	2	
0122.test	10	10:44	10:39:36.7	+43:06:09	600	89	1.5	#56 Spectropho	2	
0123.test	10	10:44	10:39:36.7	+43:06:09	600	89	1.5	#56 Spectropho	2	
0124-0128.BIAS	0	10:46	10:39:36.7	+43:06:09	600	89	1.5	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	01:25	01:34:45.6	+31:25:37	600	89	1.5	0 Calibration	4	
0011-0030.FLAT	7	01:33	01:34:45.6	+31:25:37	600	89	1.5	0 Calibration	2	
0031-0040.BIAS	0	01:36	01:34:45.6	+31:25:37	600	89	1.5	0 Calibration	2	
0041.M31	60	01:41	00:42:44.3	+41:16:09	600	89	1.5	#57 Velocity S	2	
0042.COMP	10	01:42	00:42:44.3	+41:16:09	600	89	1.5	0 Calibration	2	
0043.HD19445	120	01:46	03:08:25.6	+26:19:51	600	89	1.5	#56 Spectropho	2	
0044.COMP	10	01:49	03:08:25.6	+26:19:51	600	89	1.5	0 Calibration	2	
0045.snAT2016G	1800	02:27	03:03:57.7	+43:24:04	600	60	1.5	#2 SN Observat	2	
0046.snAT2016G	1800	02:57	03:03:57.7	+43:24:04	600	60	1.5	#2 SN Observat	2	
0047.snAT2016G	1800	03:27	03:03:57.7	+43:24:04	600	60	1.5	#2 SN Observat	2	
0048.COMP	10	03:58	03:03:57.7	+43:24:04	600	60	1.5	0 Calibration	2	
0049.snASASSN-15ah	2400	04:02	05:47:45.4	+53:36:32	600	90	1.5	#220 ASASSN Tr	2	
0050.COMP	10	04:42	05:47:45.4	+53:36:32	600	89	1.5	0 Calibration	2	
0051.G191B2B	300	04:45	05:05:30.6	+52:49:52	600	89	1.5	#56 Spectropho	2	
0052.COMP	10	04:50	05:05:30.6	+52:49:52	600	90	1.5	0 Calibration	2	
0053.03194206+1117169	1200	04:53	03:19:42.1	+11:17:17	600	90	1.5	#141 2MASS Red	2	
0054.COMP	10	05:13	03:19:42.1	+11:17:17	600	89	1.5	0 Calibration	2	
0055.03381510+2300164	900	05:14	03:38:15.1	+23:00:16	600	89	1.5	#141 2MASS Red	2	
0056.COMP	10	05:30	03:38:15.1	+23:00:16	600	90	1.5	0 Calibration	2	
0057.03425727+3815274	1080	05:32	03:42:57.3	+38:15:27	600	90	1.5	#141 2MASS Red	2	

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File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0058.COMP	10	05:51	03:42:57.3	+38:15:27	600	90	1.5	0 Calibration	2	
0059.04504506+2451509	1800	05:53	04:50:45.1	+24:51:51	600	90	1.5	#141 2MASS Red	2	
0060.COMP	10	06:24	04:50:45.1	+24:51:51	600	89	1.5	0 Calibration	2	
0061.05292370+7644474	1800	06:35	05:29:23.7	+76:44:47	600	89	1.5	#141 2MASS Red	2	
0062.COMP	10	07:05	05:29:23.7	+76:44:47	600	89	1.5	0 Calibration	2	
0063.05462325+0114447	1200	07:09	05:46:23.3	+01:14:45	600	80	1.5	#141 2MASS Red	2	
0064.COMP	10	07:30	05:46:23.3	+01:14:45	600	80	1.5	0 Calibration	2	
0065.05502485+0005491	2400	07:33	05:50:24.8	+00:05:49	600	90	1.5	#141 2MASS Red	2	
0066.COMP	10	08:14	05:50:24.8	+00:05:49	600	90	1.5	0 Calibration	2	
0067.06081453-0934490	2400	08:17	06:08:14.5	-09:34:49	600	86	1.5	#141 2MASS Red	2	
0068.COMP	10	08:57	06:08:14.5	-09:34:49	600	86	1.5	0 Calibration	2	
0069.snASASSN-15ug	1800	09:01	06:45:01.7	+63:15:00	600	90	1.5	#220 ASASSN Tr	2	
0070.COMP	10	09:32	06:45:01.7	+63:15:00	600	90	1.5	0 Calibration	2	
0071.CSS151219	2400	09:34	10:19:34.6	+39:00:48	600	90	1.5	#220 ASASSN Tr	2	
0072.COMP	10	10:14	10:19:34.6	+39:00:48	600	87	1.5	0 Calibration	2	
0073.snPSNK0910088	2400	10:19	09:10:08.8	+50:03:40	600	87	1.5	#2 SN Observat	2	clouds moving in.....
0074.COMP	10	11:00	09:10:08.8	+50:03:40	600	89	1.5	0 Calibration	2	
0075-0084.BIAS	0	12:38	09:10:08.8	+50:03:40	600	90	1.5	0 Calibration	2	
0085-0104.FLAT	7	12:45	09:10:08.8	+50:03:40	600	90	1.5	0 Calibration	2	
0105-0114.DARK	900	15:04	09:10:08.8	+50:03:40	600	90	1.5	0 Calibration	2	