

UT Date 2016-11-02 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	01:26	21:51:11.0	+28:51:50	300	90	3.0	0 Calibration	4	
0011-0020.BIAS	0	01:29	21:51:11.0	+28:51:50	300	90	3.0	0 Calibration	2	
0021-0035.FLAT	7	01:35	21:51:11.0	+28:51:50	300	90	3.0	0 Calibration	2	
0036.CICyg	5	01:39	19:50:12.0	+35:41:02	300	90	3.0	#12 Symbiotic	2	
0037.CICyg	10	01:40	19:50:12.0	+35:41:02	300	90	3.0	#12 Symbiotic	2	
0038.CICyg	60	01:41	19:50:12.0	+35:41:02	300	90	3.0	#12 Symbiotic	2	
0039.COMP	10	01:42	19:50:12.0	+35:41:02	300	90	3.0	0 Calibration	2	
0040.YYHer	120	01:44	18:14:34.0	+20:59:19	300	90	3.0	#12 Symbiotic	2	
0041.YYHer	600	01:47	18:14:34.0	+20:59:19	300	90	3.0	#12 Symbiotic	2	
0042.COMP	10	01:57	18:14:34.0	+20:59:19	300	90	3.0	0 Calibration	2	
0043.V443Her	60	01:58	18:22:07.0	+23:27:20	300	90	3.0	#12 Symbiotic	2	
0044.V443Her	10	02:00	18:22:07.0	+23:27:20	300	90	3.0	#12 Symbiotic	2	
0045.COMP	10	02:00	18:22:07.0	+23:27:20	300	90	3.0	0 Calibration	2	
0046.AS338	60	02:02	19:03:47.0	+16:26:17	300	90	3.0	#12 Symbiotic	2	
0047.AS338	15	02:03	19:03:47.0	+16:26:17	300	90	3.0	#12 Symbiotic	2	
0048.AS338	120	02:04	19:03:47.0	+16:26:17	300	90	3.0	#12 Symbiotic	2	
0049.COMP	10	02:06	19:03:47.0	+16:26:17	300	89	3.0	0 Calibration	2	
0050.BFCyg	10	02:08	19:23:53.0	+29:40:27	300	89	3.0	#12 Symbiotic	2	
0051.BFCyg	60	02:08	19:23:53.0	+29:40:27	300	89	3.0	#12 Symbiotic	2	
0052.COMP	10	02:10	19:23:53.0	+29:40:27	300	89	3.0	0 Calibration	2	

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0053.CHCyg	1	02:11	19:24:33.0	+50:14:30	300	89	3.0	#12 Symbiotic	2	
0054.CHCyg	3	02:12	19:24:33.0	+50:14:30	300	89	3.0	#12 Symbiotic	2	
0055.CHCyg	10	02:12	19:24:33.0	+50:14:30	300	89	3.0	#12 Symbiotic	2	
0056.CHCyg	20	02:13	19:24:33.0	+50:14:30	300	89	3.0	#12 Symbiotic	2	
0057.COMP	10	02:13	19:24:33.0	+50:14:30	300	89	3.0	0 Calibration	2	
0058.HMSge	60	02:15	19:41:57.0	+16:44:41	300	89	3.0	#12 Symbiotic	2	
0059.HMSge	20	02:17	19:41:57.0	+16:44:41	300	89	3.0	#12 Symbiotic	2	
0060.HMSge	240	02:17	19:41:57.0	+16:44:41	300	89	3.0	#12 Symbiotic	2	
0061.COMP	10	02:22	19:41:57.0	+16:44:41	300	90	3.0	0 Calibration	2	
0062.AS360	60	02:23	19:45:49.0	+18:36:49	300	90	3.0	#12 Symbiotic	2	
0063.AS360	240	02:24	19:45:49.0	+18:36:49	300	90	3.0	#12 Symbiotic	2	
0064.COMP	10	02:29	19:45:49.0	+18:36:49	300	90	3.0	0 Calibration	2	
0065.PUVu1	60	02:30	20:21:13.0	+21:34:21	300	90	3.0	#12 Symbiotic	2	
0066.PUVu1	20	02:32	20:21:13.0	+21:34:21	300	90	3.0	#12 Symbiotic	2	
0067.PUVu1	10	02:32	20:21:13.0	+21:34:21	300	90	3.0	#12 Symbiotic	2	
0068.PUVu1	240	02:33	20:21:13.0	+21:34:21	300	90	3.0	#12 Symbiotic	2	
0069.COMP	10	02:39	20:21:13.0	+21:34:21	300	91	3.0	0 Calibration	2	
0070.V1016Cyg	60	02:41	19:57:05.0	+39:49:37	300	91	3.0	#12 Symbiotic	2	
0071.V1016Cyg	10	02:42	19:57:05.0	+39:49:37	300	91	3.0	#12 Symbiotic	2	
0072.V1016Cyg	180	02:42	19:57:05.0	+39:49:37	300	91	3.0	#12 Symbiotic	2	

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File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0073.COMP	10	02:47	19:57:05.0	+39:49:37	300	91	3.0	0 Calibration	2	
0074.BDp284211	150	02:51	21:51:11.0	+28:51:50	300	90	3.0	#56 Spectropho	2	
0075.COMP	10	02:54	21:51:11.0	+28:51:50	300	90	3.0	0 Calibration	2	
0076.BDp174708	90	02:56	22:11:31.4	+18:05:34	300	90	3.0	#56 Spectropho	2	
0077.COMP	10	02:58	22:11:31.4	+18:05:34	300	90	3.0	0 Calibration	2	
0078.V1515Cyg	600	03:00	20:23:48.0	+42:12:24	300	90	3.0	#12 Symbiotic	2	
0079.COMP	10	03:10	20:23:48.0	+42:12:24	300	90	3.0	0 Calibration	2	
0080.V1057Cyg	600	03:12	20:58:54.0	+44:15:30	300	90	3.0	#12 Symbiotic	2	
0081.COMP	10	03:23	20:58:54.0	+44:15:30	300	90	3.0	0 Calibration	2	
0082.V1329Cyg	60	03:24	20:51:01.0	+35:34:55	300	90	3.0	#12 Symbiotic	2	
0083.V1329Cyg	20	03:25	20:51:01.0	+35:34:55	300	90	3.0	#12 Symbiotic	2	
0084.V1329Cyg	300	03:26	20:51:01.0	+35:34:55	300	90	3.0	#12 Symbiotic	2	
0085.COMP	10	03:31	20:51:01.0	+35:34:55	300	90	3.0	0 Calibration	2	
0086.19511006+4200149	1200	03:34	19:51:10.1	+42:00:15	300	90	3.0	#141 2MASS Red	2	
0087.COMP	10	03:56	19:51:10.1	+42:00:15	300	90	3.0	0 Calibration	2	
0088.19582803+4048174	1200	03:58	19:58:28.0	+40:48:17	300	90	3.0	#141 2MASS Red	2	
0089.COMP	10	04:19	19:58:28.0	+40:48:17	300	90	3.0	0 Calibration	2	
0090.20141806+1920250	720	04:21	20:14:18.1	+19:20:25	300	90	3.0	#141 2MASS Red	2	
0091.COMP	10	04:33	20:14:18.1	+19:20:25	300	90	3.0	0 Calibration	2	
0092.20191080+4604085	1800	04:37	20:19:10.8	+46:04:09	300	90	3.0	#141 2MASS Red	2	

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File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0093.COMP	10	05:07	20:19:10.8	+46:04:09	300	90	3.0	0 Calibration	2	
0094.PS16dtm	1200	05:15	01:58:04.7	-00:52:22	300	90	3.0	#225 SLSNe and	2	
0095.COMP	10	05:37	01:58:04.7	-00:52:22	300	90	3.0	0 Calibration	2	
0096.J020011.52-093126.1	1200	05:43	02:00:11.5	-09:31:26	300	90	3.0	#227 Bright Ch	2	
0097.J020011.52-093126.1	1200	06:03	02:00:11.5	-09:31:26	300	90	3.0	#227 Bright Ch	2	
0098.J020011.52-093126.1	1200	06:24	02:00:11.5	-09:31:26	300	90	3.0	#227 Bright Ch	2	
0099.COMP	10	06:44	02:00:11.5	-09:31:26	300	90	3.0	0 Calibration	2	
0100.Feige24	180	06:46	02:35:07.6	+03:43:57	300	90	3.0	#56 Spectropho	2	
0101.COMP	10	06:50	02:35:07.6	+03:43:57	300	90	3.0	0 Calibration	2	
0102.PS16etp	120	06:55	01:53:19.5	+17:16:53	300	90	3.0	#225 SLSNe and	2	
0103.snATLAS16dpb	1800	07:01	02:57:34.0	+05:58:41	300	100	3.0	#2 SN Observat	2	
0104.COMP	10	07:32	02:57:34.0	+05:58:41	300	100	3.0	0 Calibration	2	
0105.05315137+1517480	1800	07:42	05:31:51.4	+15:17:48	300	90	3.0	#141 2MASS Red	2	
0106.COMP	10	08:13	05:31:51.4	+15:17:48	300	90	3.0	0 Calibration	2	
0107.05380971+0507509	1800	08:16	05:38:09.7	+05:07:51	300	60	3.0	#141 2MASS Red	2	
0108.COMP	10	08:56	05:38:09.7	+05:07:51	300	60	3.0	0 Calibration	2	
0109.05400886+1643576	1200	08:59	05:40:08.9	+16:43:58	300	90	3.0	#141 2MASS Red	2	
0110.COMP	10	09:32	05:40:08.9	+16:43:58	300	90	3.0	0 Calibration	2	
0111.PS16ern	1800	09:41	05:23:04.4	-24:39:58	300	89	3.0	#225 SLSNe and	2	
0112.PS16ern	1800	10:12	05:23:04.4	-24:39:58	300	89	3.0	#225 SLSNe and	2	

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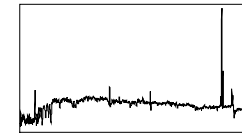
File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0113.PS16ern	1800	10:53	05:23:04.4	-24:39:58	300	89	3.0	#225 SLSNe and	2	
0114.COMP	5	11:29	05:23:04.4	-24:39:58	300	89	3.0	0 Calibration	2	
0115.06094652+0204057	1500	11:32	06:09:46.5	+02:04:06	300	90	3.0	#141 2MASS Red	2	
0116.COMP	10	11:58	06:09:46.5	+02:04:06	300	90	3.0	0 Calibration	2	
0117.AWI0004nih	300	12:02	05:32:33.0	+20:37:07	300	89	3.0	#219 WISE Debr	2	
0118.COMP	10	12:08	05:32:33.0	+20:37:07	300	90	3.0	0 Calibration	2	
0119.AWI00062vj	360	12:10	05:36:58.3	+11:26:50	300	90	3.0	#219 WISE Debr	2	
0120.AWI00062vj	360	12:17	05:36:58.3	+11:26:50	300	90	3.0	#219 WISE Debr	2	
0121.COMP	10	12:23	05:36:58.3	+11:26:50	300	89	3.0	0 Calibration	2	
0122.AWI0005eau	30	12:25	07:36:29.2	-03:56:08	300	89	3.0	#219 WISE Debr	2	
0123.AWI0005eau	40	12:26	07:36:29.2	-03:56:08	300	89	3.0	#219 WISE Debr	2	
0124.COMP	10	12:27	07:36:29.2	-03:56:08	300	89	3.0	0 Calibration	2	
0125.AWI0005d88	30	12:28	08:31:00.4	+18:58:06	300	89	3.0	#219 WISE Debr	2	
0126.AWI0005d88	30	12:30	08:31:00.4	+18:58:06	300	89	3.0	#219 WISE Debr	2	
0127.COMP	10	12:31	08:31:00.4	+18:58:06	300	89	3.0	0 Calibration	2	
0128-0137.BIAS	0	12:40	08:31:00.4	+18:58:06	300	89	3.0	0 Calibration	2	
0138-0152.FLAT	7	12:46	08:31:00.4	+18:58:06	300	89	3.0	0 Calibration	2	
0153-0157.DARK	1200	14:08	08:31:00.4	+18:58:06	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
0001-0003.DARK	900	22:30	08:31:00.4	+18:58:06	300	89	3.0	0 Calibration	2	
0004-0006.DARK	900	23:15	08:31:00.4	+18:58:06	300	89	3.0	0 Calibration	4	
0007-0020.BIAS	0	00:06	20:00:00.0	+32:00:00	600	89	1.5	0 Calibration	4	
0021.FLAT	12	00:13	20:00:00.0	+32:00:00	600	89	1.5	0 Calibration	4	600-1, 1.5-sec, 445 blue
0022-0035.FLAT	12	00:17	20:00:00.0	+32:00:00	600	89	1.5	0 Calibration	4	
0036.j1837p21	360	01:14	18:37:01.4	+21:13:15	600	89	1.5	#178 Low Mass	4	
0037.COMP	10	01:21	18:37:01.4	+21:13:15	600	89	1.5	0 Calibration	4	
0038.j1849p40	351	01:22	18:49:34.0	+40:20:16	600	89	1.5	#178 Low Mass	4	
0039.COMP	10	01:29	18:49:34.0	+40:20:16	600	89	1.5	0 Calibration	4	
0040.j1940p36	150	01:31	19:40:39.2	+36:00:46	600	99	1.5	#178 Low Mass	4	
0041.COMP	10	01:33	19:40:39.2	+36:00:46	600	99	1.5	0 Calibration	4	
0042.j1947p36	480	01:35	19:47:36.4	+36:11:37	600	103	1.5	#178 Low Mass	4	
0043.COMP	10	01:44	19:47:36.4	+36:11:37	600	102	1.5	0 Calibration	4	
0044.j1829p21	900	01:47	18:29:25.7	+21:06:55	600	90	1.5	#178 Low Mass	4	
0045.COMP	10	02:03	18:29:25.7	+21:06:55	600	91	1.5	0 Calibration	4	
0046.j1853p18	1200	02:07	18:53:13.0	+18:08:30	600	91	1.5	#178 Low Mass	4	
0047.COMP	10	02:28	18:53:13.0	+18:08:30	600	91	1.5	0 Calibration	4	
0048.BDp284211	150	02:30	21:51:11.0	+28:51:50	600	91	1.5	#56 Spectropho	4	
0049.COMP	10	02:33	21:51:11.0	+28:51:50	600	91	1.5	0 Calibration	4	
0050.j1943p60	720	02:36	19:43:40.1	+60:29:01	600	91	1.5	#178 Low Mass	4	

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0051.COMP	10	02:49	19:43:40.1	+60:29:01	600	91	1.5	0 Calibration	4	
0052.j2026p59	1129	02:52	20:26:21.1	+59:25:23	600	91	1.5	#178 Low Mass	4	
0053.COMP	10	03:11	20:26:21.1	+59:25:23	600	91	1.5	0 Calibration	4	
0054.j0059m02	660	06:42	00:59:18.0	-02:24:24	600	85	1.5	#178 Low Mass	4	stopped by clouds
0055.COMP	10	06:53	00:59:18.0	-02:24:24	600	86	1.5	0 Calibration	4	
0056.j0130p26	317	06:57	01:30:01.4	+26:38:58	600	90	1.5	#178 Low Mass	4	stopped by clouds
0057.COMP	10	07:02	01:30:01.4	+26:38:58	600	90	1.5	0 Calibration	4	
0058-0062.BIAS	0	11:08	01:30:01.4	+26:38:58	600	90	1.5	0 Calibration	4	
0063-0064.BIAS	0	11:26	01:30:01.4	+26:38:58	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
0001-0002.BIAS	0	18:55	16:00:18.1	+31:33:11	300	87	3.0	0 Calibration	2	
0003.COMP	10	18:56	16:00:18.1	+31:33:11	300	87	3.0	0 Calibration	2	
0004.COMP	10	18:59	16:00:18.1	+31:33:11	300	87	3.0	0 Calibration	2	
0005.COMP	10	19:01	16:00:18.1	+31:33:11	300	87	3.0	0 Calibration	2	
0006-0008.DARK	900	23:56	16:00:18.1	+31:33:11	300	87	3.0	0 Calibration	2	
0009.COMP	10	00:14	16:00:18.1	+31:33:11	300	87	3.0	0 Calibration	2	
0010-0019.BIAS	0	00:17	16:00:18.1	+31:33:11	300	87	3.0	0 Calibration	4	
0020-0029.FLAT	4	00:19	16:00:18.1	+31:33:11	300	87	3.0	0 Calibration	4	
0030-0039.BIAS	0	00:21	16:00:18.1	+31:33:11	300	87	3.0	0 Calibration	2	
0040-0054.FLAT	7	00:26	16:00:18.1	+31:33:11	300	87	3.0	0 Calibration	2	
0055.COMP	10	00:26	16:00:18.1	+31:33:11	300	87	3.0	0 Calibration	2	
0055.COMPq.ms	10	00:26	16:00:18.1	+31:33:11	300	87	3.0	#178 Low Mass	1	
0056.COMP	5	00:54	16:00:18.1	+31:33:11	300	87	3.0	0 Calibration	4	
0057.COMP	5	00:55	16:00:18.1	+31:33:11	600	87	2.0	0 Calibration	4	
0058-0067.BIAS	0	01:09	16:00:18.1	+31:33:11	600	87	2.0	0 Calibration	4	
0068-0078.FLAT	12	01:12	16:00:18.1	+31:33:11	600	87	2.0	0 Calibration	4	
0079.COMP	5	01:13	16:00:18.1	+31:33:11	600	87	2.0	0 Calibration	4	
0080.BDp284211	150	01:41	21:51:11.0	+28:51:50	600	87	2.0	#56 Spectropho	4	
0081.COMP	5	01:44	21:51:11.0	+28:51:50	600	87	2.0	0 Calibration	4	
0082.BDp284211	150	01:49	21:51:11.0	+28:51:50	600	87	2.0	#56 Spectropho	4	

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0083.COMP	5	01:52	21:51:11.0	+28:51:50	600	87	2.0	0 Calibration	4	
0084.j2221p05	454	02:03	22:21:22.6	+05:24:58	600	87	2.0	#178 Low Mass	4	
0085.COMP	10	02:11	22:21:22.6	+05:24:58	600	87	2.0	0 Calibration	4	
0086.j2222p22	377	02:15	22:22:29.4	+22:55:06	600	87	2.0	#178 Low Mass	4	
0087.COMP	10	02:21	22:22:29.4	+22:55:06	600	86	2.0	0 Calibration	4	
0088.j0000p01	1068	02:27	00:00:42.9	+01:32:22	600	85	2.0	#178 Low Mass	4	
0089.COMP	10	02:45	00:00:42.9	+01:32:22	600	85	2.0	0 Calibration	4	
0090.j0010p09	922	02:48	00:10:29.1	+09:45:32	600	85	2.0	#178 Low Mass	4	
0091.COMP	10	03:03	00:10:29.1	+09:45:32	600	85	2.0	0 Calibration	4	
0092.j0015p36	561	03:06	00:15:18.3	+36:23:52	600	85	2.0	#178 Low Mass	4	
0093.COMP	10	03:15	00:15:18.3	+36:23:52	600	85	2.0	0 Calibration	4	
0094.j0025p08	588	03:19	00:25:27.8	+08:57:54	600	85	2.0	#178 Low Mass	4	
0095.COMP	10	03:29	00:25:27.8	+08:57:54	600	85	2.0	0 Calibration	4	
0096.j0032p13	550	03:33	00:32:55.7	+13:38:16	600	85	2.0	#178 Low Mass	4	
0097.COMP	10	03:42	00:32:55.7	+13:38:16	600	85	2.0	0 Calibration	4	
0098.j0053p13	1578	03:49	00:53:47.5	+13:47:26	600	87	2.0	#178 Low Mass	4	
0099.COMP	10	04:16	00:53:47.5	+13:47:26	600	87	2.0	0 Calibration	4	
0100.j0130p26	551	04:18	01:30:01.4	+26:38:58	600	87	2.0	#178 Low Mass	4	
0101.COMP	10	04:27	01:30:01.4	+26:38:58	600	87	2.0	0 Calibration	4	
0102.j0146p32	487	04:30	01:46:36.7	+32:36:14	600	87	2.0	#178 Low Mass	4	

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File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0103.COMP	10	04:39	01:46:36.7	+32:36:14	600	87	2.0	0 Calibration	4	
0104.j0147p30	228	04:41	01:47:10.6	+30:32:13	600	87	2.0	#178 Low Mass	4	
0105.COMP	10	04:45	01:47:10.6	+30:32:13	600	87	2.0	0 Calibration	4	
0106.j0203m06	600	04:58	02:03:51.3	-06:39:06	600	87	2.0	#178 Low Mass	4	
0107.COMP	10	05:08	02:03:51.3	-06:39:06	600	87	2.0	0 Calibration	4	
0108.j0203m06	600	05:09	02:03:51.3	-06:39:06	600	87	2.0	#178 Low Mass	4	
0109.COMP	10	05:19	02:03:51.3	-06:39:06	600	87	2.0	0 Calibration	4	
0110.j0238p22	492	05:22	02:38:02.2	+22:11:13	600	87	2.0	#178 Low Mass	4	
0111.COMP	10	05:31	02:38:02.2	+22:11:13	600	87	2.0	0 Calibration	4	
0112.j0242m02	697	05:34	02:42:02.2	-02:25:39	600	87	2.0	#178 Low Mass	4	
0113.COMP	10	05:46	02:42:02.2	-02:25:39	600	87	2.0	0 Calibration	4	
0114.j0246m02	697	05:48	02:46:30.9	-02:27:27	600	87	2.0	#178 Low Mass	4	
0115.COMP	10	06:00	02:46:30.9	-02:27:27	600	87	2.0	0 Calibration	4	
0116.j0255m05	837	06:09	02:55:19.4	-05:45:58	600	87	2.0	#178 Low Mass	4	
0117.COMP	10	06:24	02:55:19.4	-05:45:58	600	87	2.0	0 Calibration	4	
0118.j0248p44	300	06:28	02:48:19.9	+44:33:10	600	87	2.0	#178 Low Mass	4	
0119.COMP	10	06:33	02:48:19.9	+44:33:10	600	87	2.0	0 Calibration	4	
0120.j0257p43	1300	06:40	02:57:32.9	+43:21:58	600	87	2.0	#178 Low Mass	4	
0121.COMP	10	07:02	02:57:32.9	+43:21:58	600	87	2.0	0 Calibration	4	
0122.j0347p16	1500	07:07	03:47:36.7	+16:24:09	600	87	2.0	#178 Low Mass	4	

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File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0123.COMP	10	07:33	03:47:36.7	+16:24:09	600	87	2.0	0 Calibration	4	
0124.j0452m03	1200	07:37	04:51:32.2	-03:33:08	600	87	2.0	#178 Low Mass	4	
0125.COMP	10	07:58	04:51:32.2	-03:33:08	600	88	2.0	0 Calibration	4	
0126-0135.BIAS	0	08:00	04:51:32.2	-03:33:08	600	88	2.0	0 Calibration	4	
0136-0146.FLAT	12	08:03	04:51:32.2	-03:33:08	600	88	2.0	0 Calibration	4	
0147.COMP	5	08:11	04:51:32.2	-03:33:08	600	88	2.0	0 Calibration	2	
0148.COMP	5	08:13	04:51:32.2	-03:33:08	600	88	2.0	0 Calibration	2	
0149.COMP	5	08:14	04:51:32.2	-03:33:08	600	88	2.0	0 Calibration	2	
0150.COMP	5	08:16	04:51:32.2	-03:33:08	600	88	2.0	0 Calibration	2	
0151.COMP	5	08:18	04:51:32.2	-03:33:08	600	88	2.0	0 Calibration	2	
0152.COMP	10	08:19	04:51:32.2	-03:33:08	600	88	2.0	0 Calibration	2	
0153-0162.BIAS	0	08:22	04:51:32.2	-03:33:08	300	88	3.0	0 Calibration	2	
0163-0177.FLAT	7	08:28	04:51:32.2	-03:33:08	300	88	3.0	0 Calibration	2	
0178.G191B2B	300	08:38	05:05:30.6	+52:49:52	300	88	3.0	#56 Spectropho	2	
0179.COMP	10	08:43	05:05:30.6	+52:49:52	300	88	3.0	0 Calibration	2	
0180.G191B2B	10	08:46	05:05:30.6	+52:49:52	300	88	3.0	#56 Spectropho	2	
0181.G191B2B	10	08:46	05:05:30.6	+52:49:52	300	88	3.0	#56 Spectropho	2	
0182.G191B2B	10	08:51	05:05:30.6	+52:49:52	300	88	3.0	#56 Spectropho	2	
0183.G191B2B	10	08:52	05:05:30.6	+52:49:52	300	88	3.0	#56 Spectropho	2	
0184.COMP	10	08:53	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
0185.BIAS	0	08:54	05:05:30.6	+52:49:52	300	88	3.0	0 Calibration	2	
0186-0187.FLAT	7	08:56	05:05:30.6	+52:49:52	300	88	3.0	0 Calibration	2	
0188.G191B2B	300	09:02	05:05:30.6	+52:49:52	300	88	3.0	#56 Spectropho	2	
0189.COMP	10	09:07	05:05:30.6	+52:49:52	300	88	3.0	0 Calibration	2	
0190.sn2016iew	1800	09:14	06:13:11.5	-24:16:19	300	88	3.0	#2 SN Observat	2	
0191.COMP	10	09:44	06:13:11.5	-24:16:19	300	87	3.0	0 Calibration	2	
0192.snATLAS16dtf	1800	09:50	06:44:02.2	+12:23:48	300	87	3.0	#2 SN Observat	2	
0193.COMP	10	10:20	06:44:02.2	+12:23:48	300	87	3.0	0 Calibration	2	
0194.Hiltner600	90	10:23	06:45:13.4	+02:08:15	300	87	3.0	#56 Spectropho	2	
0195.COMP	10	10:25	06:45:13.4	+02:08:15	300	87	3.0	0 Calibration	2	
0196.Hiltner600	90	10:25	06:45:13.4	+02:08:15	300	87	3.0	#56 Spectropho	2	
0197.Hiltner600	90	10:27	06:45:13.4	+02:08:15	300	87	3.0	#56 Spectropho	2	
0198.COMP	10	10:29	06:45:13.4	+02:08:15	300	87	3.0	0 Calibration	2	
0199.BGGem	300	10:43	06:03:31.0	+27:41:50	300	87	3.0	#12 Symbiotic	2	
0200.COMP	10	10:49	06:03:31.0	+27:41:50	300	87	3.0	0 Calibration	2	
0201.AWI0005c3v	600	10:53	07:17:28.9	+35:04:54	300	87	3.0	#219 WISE Debr	2	
0202.COMP	10	11:03	07:17:28.9	+35:04:54	300	87	3.0	0 Calibration	2	
0203.AWI0005c3v	240	11:04	07:17:28.9	+35:04:54	300	87	3.0	#219 WISE Debr	2	
0204.COMP	10	11:08	07:17:28.9	+35:04:54	300	87	3.0	0 Calibration	2	
0205.Feige34	180	11:20	10:39:36.7	+43:06:09	300	87	3.0	#56 Spectropho	2	

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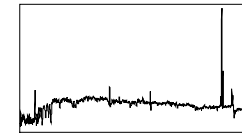
File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0206.COMP	10	11:24	10:39:36.7	+43:06:09	300	87	3.0	0 Calibration	2	
0207.HD84937	30	11:32	09:48:56.1	+13:44:39	300	87	3.0	#56 Spectropho	2	
0208.COMP	10	11:33	09:48:56.1	+13:44:39	300	87	3.0	0 Calibration	2	
0209.HD84937	30	11:34	09:48:56.1	+13:44:39	300	87	3.0	#56 Spectropho	2	
0210.HD84937	30	11:34	09:48:56.1	+13:44:39	300	87	3.0	#56 Spectropho	2	
0211.HD84937	30	11:35	09:48:56.1	+13:44:39	300	87	3.0	#56 Spectropho	2	
0212.COMP	10	11:37	09:48:56.1	+13:44:39	300	87	3.0	0 Calibration	2	
0213.AWI00055zx	20	11:40	06:55:56.2	+27:17:09	300	87	3.0	#219 WISE Debr	2	
0214.AWI0002p2o	90	11:44	06:43:59.7	+03:28:10	300	87	3.0	#219 WISE Debr	2	
0215.COMP	10	11:46	06:43:59.7	+03:28:10	300	87	3.0	0 Calibration	2	
0216.AWI0002p2o	300	11:47	06:43:59.7	+03:28:10	300	87	3.0	#219 WISE Debr	2	
0217.COMP	10	11:52	06:43:59.7	+03:28:10	300	87	3.0	0 Calibration	2	
0218.AWI00055zx	20	11:54	06:55:56.2	+27:17:09	300	87	3.0	#219 WISE Debr	2	
0219.COMP	10	11:55	06:55:56.2	+27:17:09	300	87	3.0	0 Calibration	2	
0220.AWI0005d80	180	12:00	08:12:58.0	+40:21:07	300	87	3.0	#219 WISE Debr	2	
0221.COMP	10	12:04	08:12:58.0	+40:21:07	300	87	3.0	0 Calibration	2	
0222-0231.BIAS	0	12:36	08:12:58.0	+40:21:07	300	87	3.0	0 Calibration	2	
0232-0246.FLAT	7	12:42	08:12:58.0	+40:21:07	300	87	3.0	0 Calibration	2	
0247-0251.DARK	900	13:45	08:12:58.0	+40:21:07	300	87	3.0	0 Calibration	2	
0252-0256.DARK	900	15:01	08:12:58.0	+40:21:07	300	87	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	22:19	08:12:58.0	+40:21:07	300	87	3.0	0 Calibration	2	
0011-0025.FLAT	7	22:25	08:12:58.0	+40:21:07	300	87	3.0	0 Calibration	2	
0026.COMP	10	22:26	08:12:58.0	+40:21:07	300	87	3.0	0 Calibration	2	
0027.COMP	10	22:27	08:12:58.0	+40:21:07	300	87	3.0	0 Calibration	1	
0028-0032.DARK	900	23:31	08:12:58.0	+40:21:07	300	87	3.0	0 Calibration	2	
0033-0034.DARK	900	00:02	08:12:58.0	+40:21:07	300	87	3.0	0 Calibration	4	
0035.COMP	10	00:22	08:12:58.0	+40:21:07	300	87	3.0	0 Calibration	4	
0036.BDp174708	90	01:06	22:11:31.4	+18:05:34	300	87	3.0	#56 Spectropho	4	
0037.COMP	10	01:18	22:11:31.4	+18:05:34	300	87	3.0	0 Calibration	4	
0038.BDp174708	90	01:21	22:11:31.4	+18:05:34	300	87	3.0	#56 Spectropho	2	
0039.COMP	10	01:23	22:11:31.4	+18:05:34	300	87	3.0	0 Calibration	2	
0040.BDp174708	90	01:39	22:11:31.4	+18:05:34	300	87	3.0	#56 Spectropho	2	
0041.COMP	10	01:41	22:11:31.4	+18:05:34	300	87	3.0	0 Calibration	2	
0042.snPS16evk	1800	01:50	22:33:22.7	-01:21:25	300	87	3.0	#2 SN Observat	2	
0043.COMP	10	02:20	22:33:22.7	-01:21:25	300	87	3.0	0 Calibration	2	
0044.Feige110	180	02:22	23:19:58.4	-05:09:56	300	87	3.0	#56 Spectropho	2	
0045.COMP	10	02:29	23:19:58.4	-05:09:56	300	87	3.0	0 Calibration	2	
0046.Feige110	180	02:30	23:19:58.4	-05:09:56	300	87	3.0	#56 Spectropho	2	
0047.COMP	10	02:34	23:19:58.4	-05:09:56	300	87	3.0	0 Calibration	2	
0048.RAqr	1	02:37	23:43:49.0	-15:17:05	300	87	3.0	#12 Symbiotic	2	

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File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0049.RAqr	1	02:37	23:43:49.0	-15:17:05	300	87	3.0	#12 Symbiotic	2	
0050.RAqr	1	02:38	23:43:49.0	-15:17:05	300	87	3.0	#12 Symbiotic	2	
0051.RAqr	5	02:38	23:43:49.0	-15:17:05	300	87	3.0	#12 Symbiotic	2	
0052.RAqr	5	02:38	23:43:49.0	-15:17:05	300	87	3.0	#12 Symbiotic	2	
0053.RAqr	5	02:38	23:43:49.0	-15:17:05	300	87	3.0	#12 Symbiotic	2	
0054.RAqr	10	02:39	23:43:49.0	-15:17:05	300	87	3.0	#12 Symbiotic	2	
0055.RAqr	10	02:39	23:43:49.0	-15:17:05	300	87	3.0	#12 Symbiotic	2	
0056.RAqr	10	02:39	23:43:49.0	-15:17:05	300	87	3.0	#12 Symbiotic	2	
0057.COMP	10	02:40	23:43:49.0	-15:17:05	300	87	3.0	0 Calibration	2	
0058.AGPeg	1	02:42	21:51:02.0	+12:37:33	300	87	3.0	#12 Symbiotic	2	
0059.AGPeg	1	02:42	21:51:02.0	+12:37:33	300	87	3.0	#12 Symbiotic	2	
0060.AGPeg	1	02:42	21:51:02.0	+12:37:33	300	87	3.0	#12 Symbiotic	2	
0061.AGPeg	10	02:43	21:51:02.0	+12:37:33	300	87	3.0	#12 Symbiotic	2	
0062.AGPeg	10	02:43	21:51:02.0	+12:37:33	300	87	3.0	#12 Symbiotic	2	
0063.AGPeg	30	02:44	21:51:02.0	+12:37:33	300	87	3.0	#12 Symbiotic	2	
0064.AGPeg	30	02:44	21:51:02.0	+12:37:33	300	87	3.0	#12 Symbiotic	2	
0065.COMP	10	02:45	21:51:02.0	+12:37:33	300	87	3.0	0 Calibration	2	
0066.ZAnd	1	02:47	23:33:40.0	+48:49:06	300	87	3.0	#12 Symbiotic	2	
0067.ZAnd	1	02:47	23:33:40.0	+48:49:06	300	87	3.0	#12 Symbiotic	2	
0068.ZAnd	1	02:48	23:33:40.0	+48:49:06	300	87	3.0	#12 Symbiotic	2	

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File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0069.ZAnd	5	02:48	23:33:40.0	+48:49:06	300	87	3.0	#12 Symbiotic	2	
0070.ZAnd	5	02:48	23:33:40.0	+48:49:06	300	87	3.0	#12 Symbiotic	2	
0071.ZAnd	5	02:48	23:33:40.0	+48:49:06	300	87	3.0	#12 Symbiotic	2	
0072.ZAnd	30	02:49	23:33:40.0	+48:49:06	300	87	3.0	#12 Symbiotic	2	
0073.ZAnd	30	02:49	23:33:40.0	+48:49:06	300	87	3.0	#12 Symbiotic	2	
0074.COMP	10	02:50	23:33:40.0	+48:49:06	300	87	3.0	0 Calibration	2	
0075.M32	30	02:52	00:42:41.8	+40:51:55	300	87	3.0	#57 Velocity S	2	
0076.M32	90	02:53	00:42:41.8	+40:51:55	300	87	3.0	#57 Velocity S	2	
0077.COMP	10	02:55	00:42:41.8	+40:51:55	300	87	3.0	0 Calibration	2	
0078.J020011.52-093126.1	1200	03:06	02:00:11.5	-09:31:26	300	87	3.0	#227 Bright Ch	2	
0079.COMP	10	03:26	02:00:11.5	-09:31:26	300	87	3.0	0 Calibration	2	
0080.J020011.52-093126.1	1200	03:27	02:00:11.5	-09:31:26	300	87	3.0	#227 Bright Ch	2	
0081.COMP	10	03:48	02:00:11.5	-09:31:26	300	87	3.0	0 Calibration	2	
0082.J020011.52-093126.1	1200	03:50	02:00:11.5	-09:31:26	300	87	3.0	#227 Bright Ch	2	
0083.COMP	10	04:12	02:00:11.5	-09:31:26	300	88	3.0	0 Calibration	2	
0084.J020011.52-093126.1	1200	04:15	02:00:11.5	-09:31:26	300	88	3.0	#227 Bright Ch	2	
0085.COMP	10	04:35	02:00:11.5	-09:31:26	300	87	3.0	0 Calibration	2	
0086.snAT2016htn	1800	04:42	02:11:29.1	-16:30:37	300	87	3.0	#2 SN Observat	2	
0087.COMP	10	05:13	02:11:29.1	-16:30:37	300	87	3.0	0 Calibration	2	
0088.snAT2016htm	1800	05:17	02:32:02.6	-26:39:57	300	87	3.0	#2 SN Observat	2	

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File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0089.COMP	10	05:48	02:32:02.6	-26:39:57	300	88	3.0	0 Calibration	2	
0090.COMP	10	08:47	06:45:13.4	+02:08:15	300	87	3.0	0 Calibration	2	
0091.COMP	10	08:55	06:45:13.4	+02:08:15	300	87	3.0	0 Calibration	2	
0092-0101.BIAS	0	08:59	06:45:13.4	+02:08:15	300	87	3.0	0 Calibration	2	
0102-0116.FLAT	7	09:05	06:45:13.4	+02:08:15	300	87	3.0	0 Calibration	2	
0117-0118.FLAT	5	09:08	06:45:13.4	+02:08:15	300	87	3.0	0 Calibration	2	
0119-0134.FLAT	12	09:16	06:45:13.4	+02:08:15	600	87	2.0	0 Calibration	2	
0135.07051194-1007528	240	09:49	07:05:11.9	-10:07:53	600	87	2.0	#228 M Dwarfs	2	
0136.COMP	10	09:53	07:05:11.9	-10:07:53	600	87	2.0	0 Calibration	2	
0137.07051194-1007528	480	09:54	07:05:11.9	-10:07:53	600	87	2.0	#228 M Dwarfs	2	
0138.COMP	10	10:03	07:05:11.9	-10:07:53	600	87	2.0	0 Calibration	2	
0139.07051194-1007528	960	10:04	07:05:11.9	-10:07:53	600	87	2.0	#228 M Dwarfs	2	
0140.COMP	10	10:21	07:05:11.9	-10:07:53	600	87	2.0	0 Calibration	2	
0141.Hiltner600	120	10:24	06:45:13.4	+02:08:15	600	87	2.0	#228 M Dwarfs	2	
0142.COMP	10	10:26	06:45:13.4	+02:08:15	600	87	2.0	0 Calibration	2	
0143.07450830-0701288	1200	10:41	07:45:08.3	-07:01:29	600	87	2.0	#228 M Dwarfs	2	
0144.COMP	10	11:02	07:45:08.3	-07:01:29	600	88	2.0	0 Calibration	2	
0145.09224626-1547235	1800	11:06	09:22:46.3	-15:47:24	600	88	2.0	#228 M Dwarfs	2	
0146.COMP	10	11:36	09:22:46.3	-15:47:24	600	87	2.0	0 Calibration	2	
0147.09495726-0849480	1800	11:39	09:49:57.2	-08:49:48	600	87	2.0	#228 M Dwarfs	2	

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File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0148.COMP	10	12:10	09:49:57.2	-08:49:48	600	87	2.0	0 Calibration	2	
0149.HD84937	30	12:13	09:48:56.1	+13:44:39	600	87	2.0	#228 M Dwarfs	2	
0150.HD84937	30	12:15	09:48:56.1	+13:44:39	600	87	2.0	#228 M Dwarfs	2	
0151.HD84937	30	12:15	09:48:56.1	+13:44:39	600	87	2.0	#228 M Dwarfs	2	
0152.COMP	10	12:17	09:48:56.1	+13:44:39	600	87	2.0	0 Calibration	2	
0153-0167.FLAT	12	12:57	09:48:56.1	+13:44:39	600	87	2.0	0 Calibration	2	
0168-0177.BIAS	0	13:02	09:48:56.1	+13:44:39	600	87	2.0	0 Calibration	2	
0178-0192.FLAT	7	13:08	09:48:56.1	+13:44:39	600	87	2.0	0 Calibration	2	
0193-0197.DARK	900	14:11	09:48:56.1	+13:44:39	600	87	2.0	0 Calibration	2	

UT Date 2016-11-26 Observers A.VazColl. Focus 1390 Grating/Grism 600

File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0001-0011.BIAS	0	00:24	09:48:56.1	+13:44:39	600	87	2.0	0 Calibration	2	
0012-0026.FLAT	7	00:30	09:48:56.1	+13:44:39	600	87	2.0	0 Calibration	2	
0027.COMP	10	00:40	09:48:56.1	+13:44:39	600	87	1.5	0 Calibration	2	
0028.COMP	10	00:41	09:48:56.1	+13:44:39	600	87	1.5	0 Calibration	4	
0029-0038.BIAS	0	00:43	09:48:56.1	+13:44:39	600	87	1.5	0 Calibration	4	
0039-0049.FLAT	12	00:46	09:48:56.1	+13:44:39	600	87	1.5	0 Calibration	4	
0050.HIP109176	10	01:16	22:07:00.5	+25:20:42	600	87	1.5	#57 Velocity S	4	
0051.HIP109176	1	01:17	22:07:00.5	+25:20:42	600	87	1.5	#57 Velocity S	4	
0052.HIP109176	1	01:17	22:07:00.5	+25:20:42	600	87	1.5	#57 Velocity S	4	
0053.BDp284211	150	01:20	21:51:11.0	+28:51:50	600	87	1.5	#56 Spectropho	4	
0054.COMP	10	01:23	21:51:11.0	+28:51:50	600	87	1.5	0 Calibration	4	
0055.BDp284211	150	01:26	21:51:11.0	+28:51:50	600	87	1.5	#56 Spectropho	4	
0056.COMP	10	01:37	21:51:11.0	+28:51:50	600	87	1.5	0 Calibration	4	
0057.Feige110	180	01:41	23:19:58.4	-05:09:56	600	87	1.5	#56 Spectropho	4	
0058.COMP	10	01:45	23:19:58.4	-05:09:56	600	87	1.5	0 Calibration	4	
0059.j2230p35	661	01:51	22:30:39.4	+35:50:16	600	87	1.5	#178 Low Mass	4	
0060.COMP	10	02:03	22:30:39.4	+35:50:16	600	87	1.5	0 Calibration	4	
0061.j2230p35	900	02:06	22:30:39.4	+35:50:16	600	87	1.5	#178 Low Mass	4	
0062.COMP	10	02:21	22:30:39.4	+35:50:16	600	87	1.5	0 Calibration	4	
0063.j2232p09	600	02:27	22:32:25.0	+09:25:51	600	87	1.5	#178 Low Mass	4	

UT Date 2016-11-26 Observers A.VazColl. Focus 1390 Grating/Grism 600

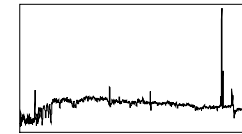
File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0064.COMP	10	02:37	22:32:25.0	+09:25:51	600	87	1.5	0 Calibration	4	
0065.j2242p01	480	02:39	22:42:52.4	+01:52:21	600	87	1.5	#178 Low Mass	4	
0066.COMP	10	02:47	22:42:52.4	+01:52:21	600	87	1.5	0 Calibration	4	
0067.j2308p06	900	03:12	23:08:13.1	+06:58:37	600	87	1.5	#178 Low Mass	4	
0068.COMP	10	03:27	23:08:13.1	+06:58:37	600	88	1.5	0 Calibration	4	
0069.j2323p34	600	03:32	23:23:37.9	+34:15:26	600	87	1.5	#178 Low Mass	4	
0070.COMP	10	03:43	23:23:37.9	+34:15:26	600	87	1.5	0 Calibration	4	
0071.j0030p22	600	03:45	00:30:38.0	+22:30:51	600	87	1.5	#178 Low Mass	4	
0072.COMP	10	03:56	00:30:38.0	+22:30:51	600	87	1.5	0 Calibration	4	
0073.j2325p12	720	03:59	23:25:59.0	+12:21:24	600	87	1.5	#178 Low Mass	4	
0074.COMP	10	04:12	23:25:59.0	+12:21:24	600	87	1.5	0 Calibration	4	
0075.j2326p06	1200	04:13	23:26:44.4	+06:17:42	600	87	1.5	#178 Low Mass	4	
0076.COMP	10	04:34	23:26:44.4	+06:17:42	600	87	1.5	0 Calibration	4	
0077.j0135p07	1500	04:37	01:35:54.6	+07:49:21	600	87	1.5	#178 Low Mass	4	
0078.COMP	10	05:03	01:35:54.6	+07:49:21	600	88	1.5	0 Calibration	4	
0079.j0215p18	1200	05:06	02:15:24.1	+18:21:29	600	88	1.5	#178 Low Mass	4	
0080.COMP	10	05:26	02:15:24.1	+18:21:29	600	88	1.5	0 Calibration	4	
0081.j0137p10	1500	05:29	01:37:27.9	+10:53:52	600	88	1.5	#178 Low Mass	4	
0082.COMP	10	05:55	01:37:27.9	+10:53:52	600	88	1.5	0 Calibration	4	
0083.COMP	10	06:00	01:37:27.9	+10:53:52	600	88	2.0	0 Calibration	2	

UT Date 2016-11-26 Observers A.VazColl. Focus 1390 Grating/Grism 600

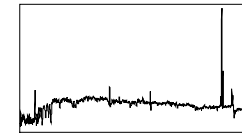
File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0084-0093.BIAS	0	06:03	01:37:27.9	+10:53:52	600	88	2.0	0 Calibration	2	
0094-0099.FLAT	24	06:06	01:37:27.9	+10:53:52	600	88	2.0	0 Calibration	2	
0100.COMP	10	06:08	02:58:56.1	+31:26:38	600	87	2.0	0 Calibration	2	
0101-0112.FLAT	12	06:13	02:58:56.1	+31:26:38	600	87	2.0	0 Calibration	2	
0113.03210557-0526345	1200	06:20	03:21:05.6	-05:26:35	600	87	2.0	#228 M Dwarfs	2	
0114.COMP	10	06:40	03:21:05.6	-05:26:35	600	87	2.0	0 Calibration	2	
0115.03353849-0829223	1800	06:42	03:35:38.6	-08:29:23	600	88	2.0	#228 M Dwarfs	2	
0116.COMP	10	07:12	03:35:38.6	-08:29:23	600	88	2.0	0 Calibration	2	
0117.03524169+1701056	900	07:15	03:52:41.8	+17:01:04	600	88	2.0	#228 M Dwarfs	2	
0118.COMP	10	07:30	03:52:41.8	+17:01:04	600	88	2.0	0 Calibration	2	
0119.04253992-0841080	1800	07:33	04:25:39.9	-08:41:08	600	88	2.0	#228 M Dwarfs	2	
0120.COMP	10	08:04	04:25:39.9	-08:41:08	600	88	2.0	0 Calibration	2	
0121.04575862-0506161	1200	08:06	04:57:58.6	-05:06:16	600	88	2.0	#228 M Dwarfs	2	
0122.COMP	10	08:26	04:57:58.6	-05:06:16	600	87	2.0	0 Calibration	2	
0123.04575862-0506161	1800	08:33	04:57:58.6	-05:06:16	600	87	2.0	#228 M Dwarfs	2	
0124.COMP	10	09:04	04:57:58.6	-05:06:16	600	87	2.0	0 Calibration	2	
0125.05591958-0918340	1800	09:11	05:59:19.6	-09:18:34	600	88	2.0	#228 M Dwarfs	2	
0126.COMP	10	09:45	05:59:19.6	-09:18:34	600	87	2.0	0 Calibration	2	
0127.Hiltner600	30	09:48	06:45:13.4	+02:08:15	600	87	2.0	#228 M Dwarfs	2	
0128.COMP	10	09:49	06:45:13.4	+02:08:15	600	87	2.0	0 Calibration	2	

UT Date 2016-11-26 Observers A.VazColl. Focus 1390 Grating/Grism 600

File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0129.Hiltner600	180	09:49	06:45:13.4	+02:08:15	600	87	2.0	#228 M Dwarfs	2	
0130.COMP	10	09:53	06:45:13.4	+02:08:15	600	87	2.0	0 Calibration	2	
0131.06561894-0835461	1200	09:58	06:56:19.0	-08:35:46	600	87	2.0	#228 M Dwarfs	2	
0132.COMP	10	10:18	06:56:19.0	-08:35:46	600	87	2.0	0 Calibration	2	
0133.07013658-1437185	1800	10:22	07:01:36.6	-14:37:18	600	87	2.0	#228 M Dwarfs	2	
0134.COMP	10	10:52	07:01:36.6	-14:37:18	600	87	2.0	0 Calibration	2	
0135-0144.BIAS	0	11:00	07:01:36.6	-14:37:18	600	87	2.0	0 Calibration	4	
0145-0155.FLAT	12	11:03	07:01:36.6	-14:37:18	600	87	2.0	0 Calibration	4	
0156.j0813p05	1800	11:08	08:13:32.9	+05:54:30	600	87	2.0	#178 Low Mass	4	
0157.COMP	10	11:38	08:13:32.9	+05:54:30	600	88	2.0	0 Calibration	4	
0158.j0904m02	1000	11:49	09:04:13.3	-02:52:32	600	87	1.5	#178 Low Mass	4	
0159.COMP	10	12:07	09:04:13.3	-02:52:32	600	87	1.5	0 Calibration	4	
0160.j0910m02	1800	12:08	09:10:11.0	-02:54:16	600	88	1.5	#178 Low Mass	4	
0161.COMP	10	12:39	09:10:11.0	-02:54:16	600	88	1.5	0 Calibration	4	
0162.Feige34	180	12:43	10:39:36.7	+43:06:09	600	88	1.5	#56 Spectropho	4	
0163.COMP	10	12:48	10:39:36.7	+43:06:09	600	88	1.5	0 Calibration	4	
0164-0173.BIAS	0	13:02	10:39:36.7	+43:06:09	600	88	1.5	0 Calibration	4	
0174-0184.FLAT	12	13:05	10:39:36.7	+43:06:09	600	88	1.5	0 Calibration	4	
0185-0189.DARK	900	14:08	10:39:36.7	+43:06:09	600	88	1.5	0 Calibration	2	
0190-0194.DARK	900	15:25	10:39:36.7	+43:06:09	600	88	1.5	0 Calibration	4	

UT Date 2016-11-26 Observers A.VazColl. Focus 1390 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>
diff	900	13:07	10:39:36.7	+43:06:09	600	88	1.5	#56 Spectropho	2	

UT Date 2016-11-28 Observers W.BrownColl. Focus 1300 Grating/Grism 300

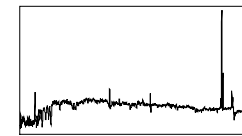
File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0001.TEST	10	20:21	10:39:36.7	+43:06:09	300	90	3.0	#56 Spectropho	4	grating change
0002.COMP	5	20:23	10:39:36.7	+43:06:09	300	90	3.0	0 Calibration	4	
0003.TEST	10	20:24	10:39:36.7	+43:06:09	300	90	3.0	#56 Spectropho	4	
0004.TEST	10	20:27	10:39:36.7	+43:06:09	300	90	3.0	#56 Spectropho	4	
0005.TEST	10	20:29	10:39:36.7	+43:06:09	300	90	3.0	#56 Spectropho	4	
0006.fastfoc	6	20:30	10:39:36.7	+43:06:09	300	90	3.0	#56 Spectropho	4	x7 foc=1300
0007.fastfoc	6	20:30	10:39:36.7	+43:06:09	300	90	3.0	#56 Spectropho	4	
0008.fastfoc	6	20:31	10:39:36.7	+43:06:09	300	90	3.0	#56 Spectropho	4	
0009.fastfoc	6	20:31	10:39:36.7	+43:06:09	300	90	3.0	#56 Spectropho	4	
0010.fastfoc	6	20:31	10:39:36.7	+43:06:09	300	90	3.0	#56 Spectropho	4	
0011.fastfoc	6	20:32	10:39:36.7	+43:06:09	300	90	3.0	#56 Spectropho	4	
0012.fastfoc	6	20:32	10:39:36.7	+43:06:09	300	90	3.0	#56 Spectropho	4	
0013.BIAS	0	20:36	10:39:36.7	+43:06:09	300	90	3.0	0 Calibration	2	x17
0014-0029.BIAS	0	20:38	10:39:36.7	+43:06:09	300	90	3.0	0 Calibration	2	
0030.FLAT	7	20:43	10:39:36.7	+43:06:09	300	90	3.0	0 Calibration	2	x16
0031-0045.FLAT	7	20:47	10:39:36.7	+43:06:09	300	90	3.0	0 Calibration	2	
0046.DARK	900	20:48	10:39:36.7	+43:06:09	300	90	3.0	0 Calibration	2	x10
0047-0055.DARK	900	23:05	10:39:36.7	+43:06:09	300	90	3.0	0 Calibration	2	
0056.gamSge	10	01:01	19:58:45.4	+19:29:32	300	90	3.0	#226 GAIA-ESO	2	saturated
0057.gamSge	10	01:02	19:58:45.4	+19:29:32	300	90	3.0	#226 GAIA-ESO	2	scanning across slit

UT Date 2016-11-28 Observers W.BrownColl. Focus 1300 Grating/Grism 300

File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0058.gamSge	10	01:03	19:58:45.4	+19:29:32	300	90	3.0	#226 GAIA-ESO	2	
0059.gamSge	10	01:04	19:58:45.4	+19:29:32	300	90	3.0	#226 GAIA-ESO	2	
0060.gamSge	10	01:05	19:58:45.4	+19:29:32	300	90	3.0	#226 GAIA-ESO	2	
0061.gamSge	10	01:05	19:58:45.4	+19:29:32	300	90	3.0	#226 GAIA-ESO	2	
0062.gamSge	15	01:06	19:58:45.4	+19:29:32	300	90	3.0	#226 GAIA-ESO	2	saturated
0063.gamSge	15	01:07	19:58:45.4	+19:29:32	300	90	3.0	#226 GAIA-ESO	2	
0064.COMP	10	01:08	19:58:45.4	+19:29:32	300	90	3.0	0 Calibration	2	
0065.YYHer	10	01:15	18:14:34.0	+20:59:19	300	90	3.0	#12 Symbiotic	2	
0066.YYHer	60	01:15	18:14:34.0	+20:59:19	300	90	3.0	#12 Symbiotic	2	
0067.COMP	10	01:16	18:14:34.0	+20:59:19	300	90	3.0	0 Calibration	2	
0068.V443Her	5	01:19	18:22:07.0	+23:27:20	300	90	3.0	#12 Symbiotic	2	
0069.V443Her	45	01:21	18:22:07.0	+23:27:20	300	90	3.0	#12 Symbiotic	2	
0070.V443Her	120	01:22	18:22:07.0	+23:27:20	300	90	3.0	#12 Symbiotic	2	
0071.COMP	10	01:25	18:22:07.0	+23:27:20	300	90	3.0	0 Calibration	2	
0072.AS338	90	01:27	19:03:47.0	+16:26:17	300	90	3.0	#12 Symbiotic	2	clouds
0073.COMP	10	01:29	19:03:47.0	+16:26:17	300	90	3.0	0 Calibration	2	
0074.DARK	900	07:51	19:03:47.0	+16:26:17	300	90	3.0	0 Calibration	2	x10
0075-0083.DARK	900	10:07	19:03:47.0	+16:26:17	300	90	3.0	0 Calibration	2	

UT Date 2016-11-29 Observers W.BrownColl. Focus 1300 Grating/Grism 300

File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0001.BIAS	0	00:14	19:03:47.0	+16:26:17	300	90	3.0	0 Calibration	2	x11
0002-0011.BIAS	0	00:15	19:03:47.0	+16:26:17	300	90	3.0	0 Calibration	2	
0012.FLAT	7	00:17	19:03:47.0	+16:26:17	300	90	3.0	0 Calibration	2	x17
0013-0028.FLAT	7	00:21	19:03:47.0	+16:26:17	300	90	3.0	0 Calibration	2	
0029.BFCyg	25	01:16	19:23:53.0	+29:40:27	300	90	3.0	#12 Symbiotic	2	variable light clouds; NON-PHOTOMETRIC
0030.BFCyg	25	01:17	19:23:53.0	+29:40:27	300	90	3.0	#12 Symbiotic	2	
0031.COMP	10	01:18	19:23:53.0	+29:40:27	300	90	3.0	0 Calibration	2	
0032.CHCyg	1	01:26	19:24:33.0	+50:14:30	300	90	3.0	#12 Symbiotic	2	
0033.CHCyg	5	01:26	19:24:33.0	+50:14:30	300	90	3.0	#12 Symbiotic	2	
0034.CHCyg	30	01:26	19:24:33.0	+50:14:30	300	90	3.0	#12 Symbiotic	2	
0035.COMP	10	01:27	19:24:33.0	+50:14:30	300	90	3.0	0 Calibration	2	
0036.AS338	90	01:28	19:03:47.0	+16:26:17	300	90	3.0	#12 Symbiotic	2	
0037.AS338	600	01:30	19:03:47.0	+16:26:17	300	90	3.0	#12 Symbiotic	2	
0038.COMP	10	01:40	19:03:47.0	+16:26:17	300	90	3.0	0 Calibration	2	solid clouds, closing
0039.DARK	900	01:46	19:41:57.0	+16:44:41	300	90	3.0	0 Calibration	2	x10
0040-0048.DARK	900	04:02	19:41:57.0	+16:44:41	300	90	3.0	0 Calibration	2	
0049.DARK	900	05:04	19:41:57.0	+16:44:41	300	90	3.0	0 Calibration	4	x10
0050-0058.DARK	900	07:20	19:41:57.0	+16:44:41	300	90	3.0	0 Calibration	4	

UT Date 2016-11-30 Observers W.BrownColl. Focus 1280 Grating/Grism 300

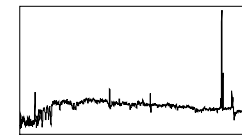
File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0001.fastfoc	6	00:08	19:41:57.0	+16:44:41	600	90	1.5	#12 Symbiotic	4	x7, focus=1280
0002.fastfoc	6	00:08	19:41:57.0	+16:44:41	600	90	1.5	#12 Symbiotic	4	
0003.fastfoc	6	00:08	19:41:57.0	+16:44:41	600	90	1.5	#12 Symbiotic	4	
0004.fastfoc	6	00:08	19:41:57.0	+16:44:41	600	90	1.5	#12 Symbiotic	4	
0005.fastfoc	6	00:09	19:41:57.0	+16:44:41	600	90	1.5	#12 Symbiotic	4	
0006.fastfoc	6	00:09	19:41:57.0	+16:44:41	600	90	1.5	#12 Symbiotic	4	
0007.fastfoc	6	00:09	19:41:57.0	+16:44:41	600	90	1.5	#12 Symbiotic	4	
0008.BIAS	0	00:12	19:41:57.0	+16:44:41	600	90	1.5	0 Calibration	4	x12
0009-0019.BIAS	0	00:13	19:41:57.0	+16:44:41	600	90	1.5	0 Calibration	4	
0020.FLAT	12	00:16	19:41:57.0	+16:44:41	600	90	1.5	0 Calibration	4	x20
0021-0039.FLAT	12	00:22	19:41:57.0	+16:44:41	600	90	1.5	0 Calibration	4	
0040.BDp284211	180	01:16	21:51:11.0	+28:51:50	600	90	1.5	#56 Spectropho	4	photometric
0041.COMP	10	01:19	21:51:11.0	+28:51:50	600	90	1.5	0 Calibration	4	
0042.hva1142	120	01:23	22:22:14.7	-11:55:06	600	90	1.5	#178 Low Mass	4	
0043.COMP	10	01:26	22:22:14.7	-11:55:06	600	90	1.5	0 Calibration	4	
0044.hva1163	600	01:27	23:06:13.3	-11:40:00	600	89	1.5	#178 Low Mass	4	
0045.COMP	10	01:37	23:06:13.3	-11:40:00	600	89	1.5	0 Calibration	4	
0046.hva1143	1320	01:39	22:22:19.4	-12:48:24	600	89	1.5	#178 Low Mass	4	
0047.COMP	10	02:02	22:22:19.4	-12:48:24	600	89	1.5	0 Calibration	4	
0048.hva1153	1320	02:09	22:43:26.0	-11:37:44	600	89	1.5	#178 Low Mass	4	

UT Date 2016-11-30 Observers W.BrownColl. Focus 1280 Grating/Grism 300

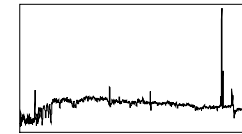
File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0049.COMP	10	02:31	22:43:26.0	-11:37:44	600	89	1.5	0 Calibration	4	
0050.hva1166	1860	02:34	23:25:53.5	-13:42:36	600	89	1.5	#178 Low Mass	4	
0051.COMP	10	03:05	23:25:53.5	-13:42:36	600	89	1.5	0 Calibration	4	
0052.hva1173	1260	03:06	23:48:23.8	-11:28:02	600	89	1.5	#178 Low Mass	4	
0053.COMP	10	03:28	23:48:23.8	-11:28:02	600	89	1.5	0 Calibration	4	
0054.hva1001	1320	03:29	00:00:01.1	-13:04:43	600	89	1.5	#178 Low Mass	4	
0055.COMP	10	03:52	00:00:01.1	-13:04:43	600	89	1.5	0 Calibration	4	
0056.hva1023	240	03:53	00:52:44.4	-11:01:15	600	89	1.5	#178 Low Mass	4	
0057.COMP	10	03:57	00:52:44.4	-11:01:15	600	89	1.5	0 Calibration	4	
0058.hva1060	1080	03:58	01:00:59.7	-13:30:04	600	89	1.5	#178 Low Mass	4	
0059.COMP	10	04:17	01:00:59.7	-13:30:04	600	89	1.5	0 Calibration	4	
0060.hva1061	270	04:18	01:08:28.3	-13:23:20	600	89	1.5	#178 Low Mass	4	
0061.COMP	10	04:23	01:08:28.3	-13:23:20	600	89	1.5	0 Calibration	4	
0062.hva1063	1080	04:24	01:30:38.1	-10:58:30	600	89	1.5	#178 Low Mass	4	
0063.COMP	10	04:42	01:30:38.1	-10:58:30	600	89	1.5	0 Calibration	4	
0064.g0223	1560	04:44	02:23:20.6	-04:59:07	600	89	1.5	#178 Low Mass	4	
0065.COMP	10	05:11	02:23:20.6	-04:59:07	600	89	1.5	0 Calibration	4	
0066.j2355p23	1480	05:13	23:55:17.7	+23:14:26	600	89	1.5	#178 Low Mass	4	
0067.COMP	10	05:38	23:55:17.7	+23:14:26	600	89	1.5	0 Calibration	4	
0068.j0013p32	1515	05:40	00:13:19.7	+32:46:13	600	90	1.5	#178 Low Mass	4	

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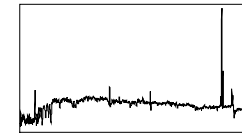
File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0069.COMP	10	06:05	00:13:19.7	+32:46:13	600	90	1.5	0 Calibration	4	
0070.j0103p47	1280	06:08	01:03:45.2	+47:10:24	600	89	1.5	#178 Low Mass	4	
0071.COMP	10	06:30	01:03:45.2	+47:10:24	600	89	1.5	0 Calibration	4	
0072.hva1073	1110	06:32	03:17:26.2	-12:41:28	600	89	1.5	#178 Low Mass	4	
0073.COMP	10	06:51	03:17:26.2	-12:41:28	600	89	1.5	0 Calibration	4	
0074.hva1083	1440	06:52	04:00:17.8	-12:13:31	600	89	1.5	#178 Low Mass	4	
0075.COMP	10	07:16	04:00:17.8	-12:13:31	600	89	1.5	0 Calibration	4	
0076.hva1081	450	07:17	03:58:14.5	-10:22:51	600	89	1.5	#178 Low Mass	4	
0077.COMP	10	07:25	03:58:14.5	-10:22:51	600	89	1.5	0 Calibration	4	
0078.ec04271-1232	240	07:26	04:29:29.1	-12:25:38	600	89	1.5	#178 Low Mass	4	
0079.COMP	10	07:30	04:29:29.1	-12:25:38	600	89	1.5	0 Calibration	4	
0080.COMP	5	07:34	04:55:00.0	+31:00:00	300	89	3.0	0 Calibration	4	Grating change
0082.HD19445	10	07:48	03:08:25.6	+26:19:51	300	89	3.0	#56 Spectropho	2	re-starting ccd controller
0083.HD19445	10	07:49	03:08:25.6	+26:19:51	300	89	3.0	#56 Spectropho	2	
0084.COMP	10	07:50	03:08:25.6	+26:19:51	300	89	3.0	0 Calibration	2	photometric
0085.AXPer	4	07:53	01:36:23.0	+54:15:03	300	89	3.0	#12 Symbiotic	2	
0086.AXPer	30	07:53	01:36:23.0	+54:15:03	300	89	3.0	#12 Symbiotic	2	
0087.AXPer	90	07:54	01:36:23.0	+54:15:03	300	89	3.0	#12 Symbiotic	2	
0088.COMP	10	07:56	01:36:23.0	+54:15:03	300	89	3.0	0 Calibration	2	
0089.GITau	600	07:57	04:33:34.0	+24:21:18	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
0090.COMP	10	08:07	04:33:34.0	+24:21:18	300	89	3.0	0 Calibration	2	
0091.GKTau	300	08:08	04:33:34.5	+24:21:07	300	89	3.0	#12 Symbiotic	2	
0092.COMP	10	08:14	04:33:34.5	+24:21:07	300	89	3.0	0 Calibration	2	
0093.EGAnd	10	08:16	00:44:37.0	+40:40:47	300	89	3.0	#12 Symbiotic	2	
0094.EGAnd	5	08:16	00:44:37.0	+40:40:47	300	89	3.0	#12 Symbiotic	2	
0095.EGAnd	1	08:17	00:44:37.0	+40:40:47	300	89	3.0	#12 Symbiotic	2	
0096.COMP	10	08:17	00:44:37.0	+40:40:47	300	89	3.0	0 Calibration	2	
0097.PS16fhf	1800	08:20	04:29:58.7	+12:29:08	300	89	3.0	#225 SLSNe and	2	obj row 80
0098.COMP	10	08:50	04:29:58.7	+12:29:08	300	89	3.0	0 Calibration	2	
0099.snATLAS16dyd	1800	08:53	06:24:35.2	+40:02:09	300	90	3.0	#2 SN Observat	2	obj row 87
0100.COMP	10	09:23	06:24:35.2	+40:02:09	300	90	3.0	0 Calibration	2	
0101.snASASSN16no	1800	09:27	08:07:27.4	+25:07:45	300	89	3.0	#2 SN Observat	2	
0102.COMP	10	09:57	08:07:27.4	+25:07:45	300	89	3.0	0 Calibration	2	
0103.PS16fgc	1800	10:03	06:57:06.3	-31:59:27	300	89	3.0	#225 SLSNe and	2	
0104.COMP	10	10:33	06:57:06.3	-31:59:27	300	89	3.0	0 Calibration	2	
0105.SS129	300	10:36	07:32:45.0	-26:49:16	300	89	3.0	#12 Symbiotic	2	
0106.COMP	10	10:43	07:32:45.0	-26:49:16	300	89	3.0	0 Calibration	2	
0107.BXMon	180	10:44	07:25:23.0	-03:35:51	300	89	3.0	#12 Symbiotic	2	
0108.BXMon	15	10:47	07:25:23.0	-03:35:51	300	89	3.0	#12 Symbiotic	2	
0109.COMP	10	10:48	07:25:23.0	-03:35:51	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
0110.snASASSN16ns	1800	10:52	10:04:18.6	+43:25:29	300	89	3.0	#2 SN Observat	2	
0111.COMP	10	11:22	10:04:18.6	+43:25:29	300	89	3.0	0 Calibration	2	
0112.Feige34	180	11:24	10:39:36.7	+43:06:09	300	89	3.0	#2 SN Observat	2	
0113.COMP	10	11:27	10:39:36.7	+43:06:09	300	89	3.0	0 Calibration	2	
0114.snASASSN16nt	1800	11:29	11:41:56.2	+12:35:10	300	89	3.0	#2 SN Observat	2	
0115.COMP	10	12:00	11:41:56.2	+12:35:10	300	89	3.0	0 Calibration	2	
0116.snASASSN16np	1800	12:05	12:36:43.2	+26:06:49	300	89	3.0	#2 SN Observat	2	
0117.COMP	10	12:36	12:36:43.2	+26:06:49	300	89	3.0	0 Calibration	2	
0118.AWI0005dms	720	12:37	09:59:40.4	+19:06:47	300	89	3.0	#219 WISE Debr	2	
0119.COMP	10	12:50	09:59:40.4	+19:06:47	300	89	3.0	0 Calibration	2	
0120.AWI0005d8u	90	12:54	09:05:50.3	+64:24:51	300	89	3.0	#219 WISE Debr	2	
0121.COMP	10	12:55	09:05:50.3	+64:24:51	300	89	3.0	0 Calibration	2	
0122.AWI0005dng	50	12:57	11:07:30.7	-04:38:53	300	89	3.0	#219 WISE Debr	2	
0123.COMP	10	12:59	11:07:30.7	-04:38:53	300	89	3.0	0 Calibration	2	
0124.TXCVn	30	13:01	12:44:42.0	+36:45:48	300	89	3.0	#12 Symbiotic	2	
0125.TXCVn	10	13:02	12:44:42.0	+36:45:48	300	89	3.0	#12 Symbiotic	2	
0126.COMP	10	13:02	12:44:42.0	+36:45:48	300	89	3.0	0 Calibration	2	
0127.HD84937	30	13:04	09:48:56.1	+13:44:39	300	89	3.0	#56 Spectropho	2	
0128.COMP	10	13:05	09:48:56.1	+13:44:39	300	89	3.0	0 Calibration	2	
0129.BIAS	0	13:05	09:48:56.1	+13:44:39	300	89	3.0	0 Calibration	2x11	

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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>
0130-0139.BIAS	0	13:07	09:48:56.1	+13:44:39	300	89	3.0	0 Calibration	2	
0140.FLAT	7	13:07	09:48:56.1	+13:44:39	300	89	3.0	0 Calibration	2	x15
0141-0154.FLAT	7	13:11	09:48:56.1	+13:44:39	300	89	3.0	0 Calibration	2	
0155-0159.DARK	900	14:23	09:48:56.1	+13:44:39	300	89	3.0	0 Calibration	4	
0160-0164.DARK	900	15:39	09:48:56.1	+13:44:39	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
0001.COMP	10	00:41	21:54:53.0	+31:25:30	300	89	3.0	0 Calibration	2	
0002.COMP	10	00:44	21:54:53.0	+31:25:30	300	89	3.0	0 Calibration	2	
0003-0012.BIAS	0	00:47	21:54:53.0	+31:25:30	300	89	3.0	0 Calibration	2	
0013-0027.FLAT	7	00:53	21:54:53.0	+31:25:30	300	89	3.0	0 Calibration	2	
0028.CICyg	7	01:04	19:50:12.0	+35:41:02	300	89	3.0	#12 Symbiotic	2	
0029.CICyg	20	01:04	19:50:12.0	+35:41:02	300	89	3.0	#12 Symbiotic	2	
0030.CICyg	60	01:05	19:50:12.0	+35:41:02	300	89	3.0	#12 Symbiotic	2	
0031.COMP	10	01:07	19:50:12.0	+35:41:02	300	89	3.0	0 Calibration	2	
0032.V1016Cyg	10	01:08	19:57:05.0	+39:49:37	300	89	3.0	#12 Symbiotic	2	
0033.V1016Cyg	7	01:09	19:57:05.0	+39:49:37	300	89	3.0	#12 Symbiotic	2	
0034.V1016Cyg	30	01:09	19:57:05.0	+39:49:37	300	89	3.0	#12 Symbiotic	2	
0035.V1016Cyg	120	01:10	19:57:05.0	+39:49:37	300	89	3.0	#12 Symbiotic	2	
0036.COMP	10	01:13	19:57:05.0	+39:49:37	300	89	3.0	0 Calibration	2	
0037.PUVu1	10	01:15	20:21:13.0	+21:34:21	300	89	3.0	#12 Symbiotic	2	
0038.PUVu1	30	01:15	20:21:13.0	+21:34:21	300	89	3.0	#12 Symbiotic	2	
0039.PUVu1	240	01:16	20:21:13.0	+21:34:21	300	89	3.0	#12 Symbiotic	2	
0040.COMP	10	01:21	20:21:13.0	+21:34:21	300	89	3.0	0 Calibration	2	
0041.AS360	60	01:22	19:45:49.0	+18:36:49	300	89	3.0	#12 Symbiotic	2	
0042.AS360	480	01:24	19:45:49.0	+18:36:49	300	89	3.0	#12 Symbiotic	2	
0043.COMP	10	01:33	19:45:49.0	+18:36:49	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
0044.HMSge	10	01:34	19:41:57.0	+16:44:41	300	89	3.0	#12 Symbiotic	2	
0045.HMSge	30	01:34	19:41:57.0	+16:44:41	300	89	3.0	#12 Symbiotic	2	
0046.HMSge	120	01:35	19:41:57.0	+16:44:41	300	89	3.0	#12 Symbiotic	2	
0047.COMP	10	01:38	19:41:57.0	+16:44:41	300	89	3.0	0 Calibration	2	
0048.BDp284211	150	01:41	21:51:11.0	+28:51:50	300	89	3.0	#56 Spectropho	2	
0049.COMP	10	01:44	21:51:11.0	+28:51:50	300	88	3.0	0 Calibration	2	
0050.BDp174708	90	01:45	22:11:31.4	+18:05:34	300	88	3.0	#56 Spectropho	2	
0051.COMP	10	01:47	22:11:31.4	+18:05:34	300	88	3.0	0 Calibration	2	
0053.snPS16evk	652	02:14	22:33:22.7	-01:21:25	300	89	3.0	#2 SN Observat	2	
0054.snPS16evk	1800	02:39	22:33:22.7	-01:21:25	300	89	3.0	#2 SN Observat	2	
0055.COMP	10	03:11	22:33:22.7	-01:21:25	300	88	3.0	0 Calibration	2	
0056.snPS16fbb	1800	03:14	00:07:03.2	-20:41:49	300	88	3.0	#2 SN Observat	2	
0057.COMP	10	03:45	00:07:03.2	-20:41:49	300	89	3.0	0 Calibration	2	
0058.snAT2016igr	600	03:49	01:03:26.7	-04:52:39	300	89	3.0	#220 ASASSN Tr	2	
0059.snAT2016igr	600	03:59	01:03:26.7	-04:52:39	300	89	3.0	#220 ASASSN Tr	2	
0060.snAT2016igr	600	04:09	01:03:26.7	-04:52:39	300	89	3.0	#220 ASASSN Tr	2	
0061.COMP	10	04:20	01:03:26.7	-04:52:39	300	89	3.0	0 Calibration	2	
0062.snAT2016ipd	720	04:26	01:53:34.4	+31:17:44	300	89	3.0	#220 ASASSN Tr	2	
0063.snAT2016ipd	720	04:38	01:53:34.4	+31:17:44	300	89	3.0	#220 ASASSN Tr	2	
0064.snAT2016ipd	720	04:50	01:53:34.4	+31:17:44	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
0065.COMP	10	05:03	01:53:34.4	+31:17:44	300	87	3.0	0 Calibration	2	
0066-0080.FLAT	12	05:13	02:30:00.0	+32:00:00	600	87	2.0	0 Calibration	2	
0081.00563021-0425153	600	05:15	00:56:30.2	-04:25:15	600	87	2.0	#228 M Dwarfs	2	
0082.00563021-0425153	600	05:25	00:56:30.2	-04:25:15	600	87	2.0	#228 M Dwarfs	2	
0083.COMP	10	05:36	00:56:30.2	-04:25:15	600	87	2.0	0 Calibration	2	
0084.01510405-0607047	660	05:38	01:51:04.1	-06:07:05	600	87	2.0	#228 M Dwarfs	2	
0085.COMP	10	05:49	01:51:04.1	-06:07:05	600	87	2.0	0 Calibration	2	
0086.02104456-0938260	1500	05:52	02:10:44.6	-09:38:26	600	89	2.0	#228 M Dwarfs	2	
0087.COMP	10	06:17	02:10:44.6	-09:38:26	600	89	2.0	0 Calibration	2	
0088.03060171-2647433	1800	06:20	03:06:01.7	-26:47:44	600	89	2.0	#228 M Dwarfs	2	
0089.03060171-2647433	1800	06:50	03:06:01.7	-26:47:44	600	89	2.0	#228 M Dwarfs	2	
0090.COMP	10	07:21	03:06:01.7	-26:47:44	600	88	2.0	0 Calibration	2	
0091.03100305-2341308	360	07:22	03:10:03.1	-23:41:31	600	88	2.0	#228 M Dwarfs	2	
0092.COMP	10	07:29	03:10:03.1	-23:41:31	600	88	2.0	0 Calibration	2	
0093.04184013-2507085	1200	07:30	04:18:40.1	-25:07:08	600	88	2.0	#228 M Dwarfs	2	
0094.COMP	10	07:51	04:18:40.1	-25:07:08	600	88	2.0	0 Calibration	2	
0095.04380252-0556132	900	07:53	04:38:02.5	-05:56:13	600	88	2.0	#228 M Dwarfs	2	
0096.COMP	10	08:08	04:38:02.5	-05:56:13	600	88	2.0	0 Calibration	2	
0097.05091934-1348408	1500	08:10	05:09:19.4	-13:48:41	600	88	2.0	#228 M Dwarfs	2	
0098.COMP	10	08:36	05:09:19.4	-13:48:41	600	88	2.0	0 Calibration	2	

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File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0099.05441592-2756146	1800	08:38	05:44:15.9	-27:56:14	600	89	2.0	#228 M Dwarfs	2	
0100.COMP	10	09:09	05:44:15.9	-27:56:14	600	88	2.0	0 Calibration	2	
0101.05591958-0918340	1800	09:11	05:59:19.6	-09:18:34	600	88	2.0	#228 M Dwarfs	2	
0102.COMP	10	09:42	05:59:19.6	-09:18:34	600	88	2.0	0 Calibration	2	
0103.Hiltner600	90	09:43	06:45:13.4	+02:08:15	600	88	2.0	#228 M Dwarfs	2	
0104.Hiltner600	90	09:45	06:45:13.4	+02:08:15	600	88	2.0	#228 M Dwarfs	2	
0105.COMP	10	09:48	06:45:13.4	+02:08:15	600	88	2.0	0 Calibration	2	
0106.test	10	09:52	07:40:00.0	+32:00:00	300	88	3.0	#228 M Dwarfs	2	
0107.test	10	09:53	07:40:00.0	+32:00:00	300	88	3.0	#228 M Dwarfs	2	
0108.test	10	09:54	07:40:00.0	+32:00:00	300	88	3.0	#228 M Dwarfs	2	
0109.snASASSN-16nv	720	09:57	05:48:27.0	-23:19:25	300	88	3.0	#220 ASASSN Tr	2	
0110.snASASSN-16nv	720	10:14	05:48:27.0	-23:19:25	300	95	3.0	#220 ASASSN Tr	2	
0111.snASASSN-16nv	720	10:26	05:48:27.0	-23:19:25	300	95	3.0	#220 ASASSN Tr	2	
0112.COMP	10	10:38	05:48:27.0	-23:19:25	300	95	3.0	0 Calibration	2	
0113.05571029+3810327	900	10:42	05:57:10.3	+38:10:33	300	95	3.0	#141 2MASS Red	2	
0114.COMP	10	10:58	05:57:10.3	+38:10:33	300	95	3.0	0 Calibration	2	
0115.05574608+5414285	360	11:00	05:57:46.1	+54:14:29	300	90	3.0	#141 2MASS Red	2	
0116.COMP	10	11:07	05:57:46.1	+54:14:29	300	91	3.0	0 Calibration	2	
0117.snASASSN-16ns	720	11:10	10:04:18.6	+43:25:29	300	91	3.0	#220 ASASSN Tr	2	
0118.snASASSN-16ns	720	11:22	10:04:18.6	+43:25:29	300	91	3.0	#220 ASASSN Tr	2	

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File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0119.snASASSN-16ns	720	11:35	10:04:18.6	+43:25:29	300	91	3.0	#220 ASASSN Tr	2	
0120.COMP	10	11:48	10:04:18.6	+43:25:29	300	90	3.0	0 Calibration	2	
0121.05475569+4043503	600	11:50	05:47:55.7	+40:43:50	300	90	3.0	#141 2MASS Red	2	
0122.COMP	10	12:02	05:47:55.7	+40:43:50	300	91	3.0	0 Calibration	2	
0123.05485078+4455479	1200	12:04	05:48:50.8	+44:55:48	300	91	3.0	#141 2MASS Red	2	
0124.COMP	10	12:25	05:48:50.8	+44:55:48	300	91	3.0	0 Calibration	2	
0125.05485885+4214369	720	12:27	05:48:58.9	+42:14:37	300	95	3.0	#141 2MASS Red	2	
0126.COMP	10	12:39	05:48:58.9	+42:14:37	300	95	3.0	0 Calibration	2	
0127.05520403+4022167	600	12:41	05:52:04.0	+40:22:17	300	95	3.0	#141 2MASS Red	2	
0128.COMP	10	12:51	05:52:04.0	+40:22:17	300	95	3.0	0 Calibration	2	
0129.HD84937	30	12:53	09:48:56.1	+13:44:39	300	95	3.0	#56 Spectropho	2	
0130.COMP	10	12:54	09:48:56.1	+13:44:39	300	95	3.0	0 Calibration	2	
0131.Feige34	180	12:56	10:39:36.7	+43:06:09	300	90	3.0	#56 Spectropho	2	
0132.COMP	10	13:00	10:39:36.7	+43:06:09	300	90	3.0	0 Calibration	2	
0133-0142.BIAS	0	13:02	10:39:36.7	+43:06:09	300	90	3.0	0 Calibration	2	
0143-0157.FLAT	7	13:09	10:39:36.7	+43:06:09	300	90	3.0	0 Calibration	2	
0158-0162.DARK	1200	14:32	10:39:36.7	+43:06:09	300	90	3.0	0 Calibration	2	