

UT Date 2015-11-07 Observers P BerlindColl. Focus 1350 Grating/Grism 600

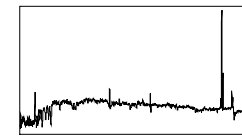
File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0001.BIAS	0	19:01	14:26:24.6	+31:34:40	300	86	3.0	0 Calibration	2	
0002.BIAS	0	22:43	22:37:04.1	+34:24:56	300	89	3.0	0 Calibration	4	
0002.test	1	19:02	14:26:24.6	+31:34:40	300	86	3.0	#56 Spectropho	2	
0003.BIAS	0	22:43	22:37:04.1	+34:24:56	300	89	3.0	0 Calibration	4	
0003.test	1	19:13	14:50:19.5	+31:34:17	300	86	3.0	#56 Spectropho	1	
0004.BIAS	0	22:43	22:37:04.1	+34:24:56	300	89	3.0	0 Calibration	4	
0004.COMP	10	19:19	14:50:19.5	+31:34:17	300	86	3.0	0 Calibration	1	
0005.BIAS	0	22:43	22:37:04.1	+34:24:56	300	89	3.0	0 Calibration	4	
0005.COMP	5	19:21	14:50:19.5	+31:34:17	300	86	3.0	0 Calibration	4	
0006-0011.BIAS	0	22:44	22:37:04.1	+34:24:56	300	89	3.0	0 Calibration	4	
0012-0021.BIAS	0	22:48	22:37:04.1	+34:24:56	300	89	3.0	0 Calibration	2	
0022-0036.FLAT	7	22:54	22:37:04.1	+34:24:56	300	89	3.0	0 Calibration	2	
0037-0045.DARK	600	00:17	22:37:04.1	+34:24:56	300	89	3.0	0 Calibration	2	
0046.CHCyg	2	01:12	19:24:33.0	+50:14:30	300	89	3.0	#12 Symbiotic	2	
0047.CHCyg	5	01:13	19:24:33.0	+50:14:30	300	89	3.0	#12 Symbiotic	2	
0048.CHCyg	5	01:13	19:24:33.0	+50:14:30	300	89	3.0	#12 Symbiotic	2	
0049.CHCyg	10	01:14	19:24:33.0	+50:14:30	300	89	3.0	#12 Symbiotic	2	
0050.COMP	10	01:14	19:24:33.0	+50:14:30	300	89	3.0	0 Calibration	2	
0051.BFCyg	15	01:18	19:23:53.0	+29:40:27	300	89	3.0	#12 Symbiotic	2	
0052.BFCyg	30	01:19	19:23:53.0	+29:40:27	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
0053.BFCyg	30	01:21	19:23:53.0	+29:40:27	300	89	3.0	#12 Symbiotic	2	
0054.COMP	10	01:22	19:23:53.0	+29:40:27	300	89	3.0	0 Calibration	2	
0055.CICyg	5	01:24	19:50:12.0	+35:41:02	300	89	3.0	#12 Symbiotic	2	
0056.CICyg	30	01:24	19:50:12.0	+35:41:02	300	89	3.0	#12 Symbiotic	2	
0057.CICyg	120	01:26	19:50:12.0	+35:41:02	300	89	3.0	#12 Symbiotic	2	
0058.COMP	10	01:29	19:50:12.0	+35:41:02	300	89	3.0	0 Calibration	2	
0059.V919Sgr	30	01:31	19:03:45.0	-16:59:56	300	89	3.0	#12 Symbiotic	2	
0060.V919Sgr	120	01:33	19:03:45.0	-16:59:56	300	89	3.0	#12 Symbiotic	2	
0061.V919Sgr	300	01:35	19:03:45.0	-16:59:56	300	89	3.0	#12 Symbiotic	2	
0062.COMP	10	01:41	19:03:45.0	-16:59:56	300	90	3.0	0 Calibration	2	
0063.V443Her	30	01:44	18:22:07.0	+23:27:20	300	90	3.0	#12 Symbiotic	2	
0064.V443Her	90	01:45	18:22:07.0	+23:27:20	300	90	3.0	#12 Symbiotic	2	
0065.V443Her	120	01:47	18:22:07.0	+23:27:20	300	90	3.0	#12 Symbiotic	2	
0066.COMP	10	01:50	18:22:07.0	+23:27:20	300	90	3.0	0 Calibration	2	
0067.AS338	60	01:52	19:03:47.0	+16:26:17	300	90	3.0	#12 Symbiotic	2	
0068.AS338	180	01:53	19:03:47.0	+16:26:17	300	90	3.0	#12 Symbiotic	2	
0069.COMP	10	01:57	19:03:47.0	+16:26:17	300	90	3.0	0 Calibration	2	
0070.AWI0005bps	20	01:59	18:05:33.6	+18:26:44	300	90	3.0	#219 Disk Dete	2	
0071.AWI0005bps	60	02:00	18:05:33.6	+18:26:44	300	90	3.0	#219 Disk Dete	2	
0072.COMP	10	02:02	18:05:33.6	+18:26:44	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
0073.AWI0005bq1	900	02:04	18:11:43.6	+14:14:43	300	90	3.0	#219 Disk Dete	2	
0074.COMP	10	02:20	18:11:43.6	+14:14:43	300	90	3.0	0 Calibration	2	
0075.AWI0005br9	900	02:21	18:15:56.8	+19:47:26	300	90	3.0	#219 Disk Dete	2	
0076.COMP	10	02:37	18:15:56.8	+19:47:26	300	90	3.0	0 Calibration	2	
0077.AWI0005brt	50	02:39	18:20:04.4	+29:26:53	300	90	3.0	#219 Disk Dete	2	
0078.COMP	10	02:40	18:20:04.4	+29:26:53	300	90	3.0	0 Calibration	2	
0079.AWI0005bsh	180	02:42	18:26:08.2	+30:48:16	300	90	3.0	#219 Disk Dete	2	
0080.COMP	10	02:45	18:26:08.2	+30:48:16	300	90	3.0	0 Calibration	2	
0081.AWI0005d5p	20	02:47	18:02:30.7	+58:37:38	300	90	3.0	#219 Disk Dete	2	
0082.COMP	10	02:48	18:02:30.7	+58:37:38	300	90	3.0	0 Calibration	2	
0083.AWI0005d61	300	02:50	18:07:45.8	+74:35:55	300	90	3.0	#219 Disk Dete	2	
0084.COMP	10	02:56	18:07:45.8	+74:35:55	300	90	3.0	0 Calibration	2	
0085.AWI0005d6b	300	02:57	18:17:03.9	+64:33:55	300	90	3.0	#219 Disk Dete	2	
0086.COMP	10	03:03	18:17:03.9	+64:33:55	300	90	3.0	0 Calibration	2	
0087.AWI0005brq	60	03:06	18:19:49.0	+31:08:41	300	90	3.0	#219 Disk Dete	2	
0088.COMP	10	03:07	18:19:49.0	+31:08:41	300	90	3.0	0 Calibration	2	
0089.AWI0005bud	20	03:09	18:41:41.3	+31:37:03	300	90	3.0	#219 Disk Dete	2	
0090.AWI0005bud	8	03:10	18:41:41.3	+31:37:03	300	90	3.0	#219 Disk Dete	2	
0091.COMP	10	03:11	18:41:41.3	+31:37:03	300	90	3.0	0 Calibration	2	
0092.BDp284211	180	03:13	21:51:11.0	+28:51:50	300	90	3.0	#56 Spectropho	2	

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File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0093.BDp284211	180	03:16	21:51:11.0	+28:51:50	300	90	3.0	#56 Spectropho	2	
0094.BDp284211	180	03:19	21:51:11.0	+28:51:50	300	90	3.0	#56 Spectropho	2	
0095.COMP	10	03:23	21:51:11.0	+28:51:50	300	90	3.0	0 Calibration	2	
0096.BDp174708	120	03:24	22:11:31.4	+18:05:34	300	90	3.0	#56 Spectropho	2	
0097.BDp174708	120	03:26	22:11:31.4	+18:05:34	300	90	3.0	#56 Spectropho	2	
0098.BDp174708	120	03:29	22:11:31.4	+18:05:34	300	90	3.0	#56 Spectropho	2	
0099.COMP	10	03:31	22:11:31.4	+18:05:34	300	90	3.0	0 Calibration	2	
0100.snASASSN15re	1800	03:34	20:48:07.8	+16:23:01	300	90	3.0	#2 SN Observat	2	
0101.COMP	10	04:04	20:48:07.8	+16:23:01	300	89	3.0	0 Calibration	2	
0102.AGPeg	3	04:06	21:51:02.0	+12:37:33	300	89	3.0	#12 Symbiotic	2	
0103.AGPeg	1	04:07	21:51:02.0	+12:37:33	300	89	3.0	#12 Symbiotic	2	
0104.AGPeg	10	04:07	21:51:02.0	+12:37:33	300	89	3.0	#12 Symbiotic	2	
0105.COMP	10	04:08	21:51:02.0	+12:37:33	300	89	3.0	0 Calibration	2	
0106.RAqr	10	04:10	23:43:49.0	-15:17:05	300	89	3.0	#12 Symbiotic	2	
0107.RAqr	30	04:11	23:43:49.0	-15:17:05	300	89	3.0	#12 Symbiotic	2	
0108.RAqr	120	04:12	23:43:49.0	-15:17:05	300	89	3.0	#12 Symbiotic	2	
0109.COMP	10	04:14	23:43:49.0	-15:17:05	300	89	3.0	0 Calibration	2	
0110.snASASSN15sf	1800	04:22	00:11:27.6	-06:25:38	300	89	3.0	#2 SN Observat	2	
0111.COMP	10	04:53	00:11:27.6	-06:25:38	300	90	3.0	0 Calibration	2	
0112.snPS15cku	1800	05:00	01:24:22.5	+03:35:15	300	89	3.0	#2 SN Observat	2	

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File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0113.COMP	10	05:30	01:24:22.5	+03:35:15	300	89	3.0	0 Calibration	2	
0114.snASASSN15rw	1800	06:03	02:15:58.1	+12:14:15	300	89	3.0	#2 SN Observat	2	
0115.COMP	10	06:34	02:15:58.1	+12:14:15	300	89	3.0	0 Calibration	2	
0116.snPSN020047	1800	06:38	02:00:47.8	+16:41:37	300	89	3.0	#2 SN Observat	2	
0117.COMP	10	07:09	02:00:47.8	+16:41:37	300	89	3.0	0 Calibration	2	
0118.snPSN011815	1800	07:11	01:18:15.6	+15:05:59	300	89	3.0	#2 SN Observat	2	
0119.COMP	10	07:42	01:18:15.6	+15:05:59	300	90	3.0	0 Calibration	2	
0120.BIAS	0	07:48	02:17:18.3	+58:22:39	600	90	1.5	0 Calibration	4	
0121.COMP	10	07:48	02:17:18.3	+58:22:39	600	90	1.5	0 Calibration	4	
0122.lamost029	600	07:50	02:17:18.3	+58:22:39	600	90	1.5	#178 Low Mass	4	
0123.COMP	10	08:02	02:17:18.3	+58:22:39	600	90	1.5	0 Calibration	4	
0124.lamost029	600	08:02	02:17:18.3	+58:22:39	600	90	1.5	#178 Low Mass	4	
0125.COMP	10	08:13	02:17:18.3	+58:22:39	600	90	1.5	0 Calibration	4	
0126.lamost029	600	08:13	02:17:18.3	+58:22:39	600	90	1.5	#178 Low Mass	4	
0127.COMP	10	08:24	02:17:18.3	+58:22:39	600	90	1.5	0 Calibration	4	
0128.lamost029	600	08:24	02:17:18.3	+58:22:39	600	90	1.5	#178 Low Mass	4	
0129.COMP	10	08:35	02:17:18.3	+58:22:39	600	90	1.5	0 Calibration	4	
0130.lamost029	600	08:35	02:17:18.3	+58:22:39	600	90	1.5	#178 Low Mass	4	
0131.COMP	10	08:46	02:17:18.3	+58:22:39	600	90	1.5	0 Calibration	4	
0132.j0736	1020	08:58	07:36:16.2	+16:22:56	600	89	1.5	#178 Low Mass	4	

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File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0133.COMP	10	09:15	07:36:16.2	+16:22:56	600	89	1.5	0 Calibration	4	
0134.j0736	1020	09:16	07:36:16.2	+16:22:56	600	89	1.5	#178 Low Mass	4	
0135.COMP	10	09:33	07:36:16.2	+16:22:56	600	89	1.5	0 Calibration	4	
0136.j0736	1020	09:34	07:36:16.2	+16:22:56	600	89	1.5	#178 Low Mass	4	
0137.COMP	10	09:51	07:36:16.2	+16:22:56	600	89	1.5	0 Calibration	4	
0138.j0736	1020	09:52	07:36:16.2	+16:22:56	600	89	1.5	#178 Low Mass	4	
0139.COMP	10	10:09	07:36:16.2	+16:22:56	600	89	1.5	0 Calibration	4	
0140.j0736	1020	10:10	07:36:16.2	+16:22:56	600	89	1.5	#178 Low Mass	4	
0141.COMP	10	10:27	07:36:16.2	+16:22:56	600	89	1.5	0 Calibration	4	
0142.j0736	1020	10:28	07:36:16.2	+16:22:56	600	89	1.5	#178 Low Mass	4	
0143.COMP	10	10:46	07:36:16.2	+16:22:56	600	89	1.5	0 Calibration	4	
0144.wd0752	1380	10:48	07:56:10.3	+41:04:54	600	89	1.5	#178 Low Mass	4	
0145.COMP	10	11:12	07:56:10.3	+41:04:54	600	89	1.5	0 Calibration	4	
0146.wd0752	1380	11:13	07:56:10.3	+41:04:54	600	89	1.5	#178 Low Mass	4	
0147.COMP	10	11:36	07:56:10.3	+41:04:54	600	89	1.5	0 Calibration	4	
0148.wd0752	1380	11:37	07:56:10.3	+41:04:54	600	89	1.5	#178 Low Mass	4	
0149.COMP	10	12:00	07:56:10.3	+41:04:54	600	89	1.5	0 Calibration	4	
0150.wd0752	1380	12:01	07:56:10.3	+41:04:54	600	89	1.5	#178 Low Mass	4	
0151.COMP	10	12:24	07:56:10.3	+41:04:54	600	89	1.5	0 Calibration	4	
0152.HD84937	30	12:26	09:48:56.1	+13:44:39	600	89	1.5	#56 Spectropho	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>
0153.HD84937	60	12:27	09:48:56.1	+13:44:39	600	89	1.5	#56 Spectropho	4	
0154.COMP	10	12:28	09:48:56.1	+13:44:39	600	89	1.5	0 Calibration	4	
0155-0169.FLAT	12	12:36	09:48:56.1	+13:44:39	600	89	1.5	0 Calibration	4	
0170-0179.BIAS	0	12:38	09:48:56.1	+13:44:39	600	89	1.5	0 Calibration	4	
0180-0189.DARK	1200	15:47	09:48:56.1	+13:44:39	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
0001-0005.DARK	900	22:41	09:48:56.1	+13:44:39	600	89	1.5	0 Calibration	2	
0006-0010.DARK	900	23:58	09:48:56.1	+13:44:39	600	89	1.5	0 Calibration	4	
0011-0020.BIAS	0	00:34	09:48:56.1	+13:44:39	600	89	1.5	0 Calibration	4	
0021.FLAT	12	00:35	09:48:56.1	+13:44:39	600	89	1.5	0 Calibration	4	600-line, 1.5-sec, blue
0022-0035.FLAT	12	00:40	09:48:56.1	+13:44:39	600	89	1.5	0 Calibration	4	
0036.BDp284211	120	01:20	21:51:11.0	+28:51:50	600	89	1.5	#56 Spectropho	4	
0037.BDp284211	120	01:23	21:51:11.0	+28:51:50	600	89	1.5	#56 Spectropho	4	
0038.BDp284211	120	01:26	21:51:11.0	+28:51:50	600	89	1.5	#56 Spectropho	4	
0039.COMP	10	01:29	21:51:11.0	+28:51:50	600	89	1.5	0 Calibration	4	
0040.lmwd469	1200	01:31	20:41:54.3	-17:57:32	600	89	1.5	#178 Low Mass	4	
0041.COMP	10	01:51	20:41:54.3	-17:57:32	600	89	1.5	0 Calibration	4	
0042.lmwd469	1200	01:52	20:41:54.3	-17:57:32	600	89	1.5	#178 Low Mass	4	
0043.COMP	10	02:13	20:41:54.3	-17:57:32	600	89	1.5	0 Calibration	4	
0044.lmwd469	1200	02:13	20:41:54.3	-17:57:32	600	89	1.5	#178 Low Mass	4	
0045.COMP	10	02:34	20:41:54.3	-17:57:32	600	89	1.5	0 Calibration	4	
0046.lmwd469	1200	02:35	20:41:54.3	-17:57:32	600	89	1.5	#178 Low Mass	4	
0047.COMP	10	02:55	20:41:54.3	-17:57:32	600	89	1.5	0 Calibration	4	
0048.lmwd079	780	03:03	19:13:11.6	+37:26:32	600	89	1.5	#178 Low Mass	4	
0049.COMP	10	03:16	19:13:11.6	+37:26:32	600	89	1.5	0 Calibration	4	
0050.lmwd079	780	03:17	19:13:11.6	+37:26:32	600	89	1.5	#178 Low Mass	4	

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File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0051.COMP	10	03:30	19:13:11.6	+37:26:32	600	89	1.5	0 Calibration	4	
0052.lmwd079	780	03:31	19:13:11.6	+37:26:32	600	89	1.5	#178 Low Mass	4	
0053.COMP	10	03:44	19:13:11.6	+37:26:32	600	89	1.5	0 Calibration	4	system crash full meltdown
0054.lmwd079	780	04:10	19:13:11.6	+37:26:32	600	88	1.5	#178 Low Mass	4	
0055.COMP	10	04:24	19:13:11.6	+37:26:32	600	88	1.5	0 Calibration	4	
0056.test	10	04:28	00:35:00.0	+32:00:00	300	88	3.0	#178 Low Mass	2	
0057.test	10	04:29	00:35:00.0	+32:00:00	300	88	3.0	#178 Low Mass	2	
0058.ZAnd	5	04:31	23:33:40.0	+48:49:06	300	88	3.0	#12 Symbiotic	2	300-line, 3-sec
0059.ZAnd	15	04:32	23:33:40.0	+48:49:06	300	88	3.0	#12 Symbiotic	2	
0060.ZAnd	60	04:32	23:33:40.0	+48:49:06	300	88	3.0	#12 Symbiotic	2	
0061.COMP	10	04:34	23:33:40.0	+48:49:06	300	88	3.0	0 Calibration	2	
0062.BDp284211	180	04:36	21:51:11.0	+28:51:50	300	88	3.0	#56 Spectropho	2	
0063.COMP	10	04:39	21:51:11.0	+28:51:50	300	88	3.0	0 Calibration	2	
0064.BDp174708	120	04:41	22:11:31.4	+18:05:34	300	88	3.0	#56 Spectropho	2	
0065.COMP	10	04:43	22:11:31.4	+18:05:34	300	88	3.0	0 Calibration	2	
0066.snASASSN15sf	1800	04:46	00:11:27.6	-06:25:38	300	88	3.0	#2 SN Observat	2	
0067.COMP	10	05:17	00:11:27.6	-06:25:38	300	89	3.0	0 Calibration	2	
0068.snPS15cku	1800	05:30	01:24:22.5	+03:35:15	300	89	3.0	#2 SN Observat	2	
0069.COMP	10	06:01	01:24:22.5	+03:35:15	300	89	3.0	0 Calibration	2	
0070.snASASSN15rw	1800	06:04	02:15:58.1	+12:14:15	300	89	3.0	#2 SN Observat	2	

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File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0071.COMP	10	06:34	02:15:58.1	+12:14:15	300	89	3.0	0 Calibration	2	
0072.EGAnd	1	06:36	00:44:37.0	+40:40:47	300	89	3.0	#12 Symbiotic	2	
0073.EGAnd	15	06:37	00:44:37.0	+40:40:47	300	89	3.0	#12 Symbiotic	2	
0074.EGAnd	5	06:38	00:44:37.0	+40:40:47	300	89	3.0	#12 Symbiotic	2	
0075.EGAnd	60	06:39	00:44:37.0	+40:40:47	300	89	3.0	#12 Symbiotic	2	
0076.COMP	10	06:40	00:44:37.0	+40:40:47	300	89	3.0	0 Calibration	2	
0077.AXPer	5	06:42	01:36:23.0	+54:15:03	300	89	3.0	#12 Symbiotic	2	
0078.AXPer	10	06:42	01:36:23.0	+54:15:03	300	89	3.0	#12 Symbiotic	2	
0079.AXPer	30	06:43	01:36:23.0	+54:15:03	300	89	3.0	#12 Symbiotic	2	
0080.AXPer	180	06:44	01:36:23.0	+54:15:03	300	89	3.0	#12 Symbiotic	2	
0081.COMP	10	06:48	01:36:23.0	+54:15:03	300	89	3.0	0 Calibration	2	
0082.GITau	240	06:52	04:33:34.0	+24:21:18	300	89	3.0	#12 Symbiotic	2	
0083.COMP	10	06:56	04:33:34.0	+24:21:18	300	84	3.0	0 Calibration	2	
0084.GKTau	300	07:04	04:33:34.5	+24:21:07	300	79	3.0	#12 Symbiotic	2	
0085.COMP	10	07:10	04:33:34.5	+24:21:07	300	79	3.0	0 Calibration	2	
0086.AWI00019yz	900	07:14	05:29:06.0	+38:36:36	300	79	3.0	#219 Disk Dete	2	
0087.COMP	10	07:29	05:29:06.0	+38:36:36	300	80	3.0	0 Calibration	2	
0088.AWI0004292	120	07:31	05:43:02.5	+23:34:08	300	80	3.0	#219 Disk Dete	2	
0089.COMP	10	07:34	05:43:02.5	+23:34:08	300	80	3.0	0 Calibration	2	
0090.AWI0005ag4	180	07:36	06:26:12.8	+47:32:32	300	80	3.0	#219 Disk Dete	2	

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File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0091.COMP	10	07:40	06:26:12.8	+47:32:32	300	80	3.0	0 Calibration	2	
0092.AWI0005wfw	180	07:45	05:29:48.1	-00:23:43	300	79	3.0	#219 Disk Dete	2	
0093.COMP	10	07:48	05:29:48.1	-00:23:43	300	79	3.0	0 Calibration	2	
0094.AWI0005yq0	900	07:50	05:27:48.2	-05:16:33	300	79	3.0	#219 Disk Dete	2	
0095.COMP	10	08:06	05:27:48.2	-05:16:33	300	84	3.0	0 Calibration	2	
0096.AWI0005yqs	900	08:07	05:31:49.4	-06:00:19	300	84	3.0	#219 Disk Dete	2	
0097.COMP	10	08:22	05:31:49.4	-06:00:19	300	84	3.0	0 Calibration	2	
0098.AWI0005wha	1200	08:25	05:33:18.7	-00:36:14	300	84	3.0	#219 Disk Dete	2	
0099.COMP	10	08:45	05:33:18.7	-00:36:14	300	84	3.0	0 Calibration	2	
0100.AWI0005whj	1200	08:46	05:33:43.3	-01:08:35	300	84	3.0	#219 Disk Dete	2	
0101.COMP	10	09:07	05:33:43.3	-01:08:35	300	83	3.0	0 Calibration	2	
0102.AWI0005wgk	360	09:08	05:32:09.9	-02:49:47	300	84	3.0	#219 Disk Dete	2	
0103.COMP	10	09:15	05:32:09.9	-02:49:47	300	84	3.0	0 Calibration	2	
0104.AWI0005wgv	360	09:16	05:32:30.8	-04:21:36	300	84	3.0	#219 Disk Dete	2	
0105.COMP	10	09:23	05:32:30.8	-04:21:36	300	83	3.0	0 Calibration	2	
0106.AWI0005wgy	300	09:25	05:32:43.8	-00:27:15	300	83	3.0	#219 Disk Dete	2	
0107.COMP	10	09:30	05:32:43.8	-00:27:15	300	83	3.0	0 Calibration	2	
0108.AWI0005wh3	600	09:32	05:33:00.8	-00:36:21	300	83	3.0	#219 Disk Dete	2	
0109.COMP	10	09:42	05:33:00.8	-00:36:21	300	87	3.0	0 Calibration	2	
0110.AWI0005whs	240	09:44	05:34:02.3	-00:00:53	300	87	3.0	#219 Disk Dete	2	

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File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0111.COMP	10	09:49	05:34:02.3	-00:00:53	300	87	3.0	0 Calibration	2	
0112.AWI0005whz	1200	09:50	05:34:16.6	-03:57:22	300	87	3.0	#219 Disk Dete	2	
0113.COMP	10	10:10	05:34:16.6	-03:57:22	300	87	3.0	0 Calibration	2	
0114.AWI0005wi4	900	10:11	05:34:25.8	-01:21:07	300	87	3.0	#219 Disk Dete	2	
0115.COMP	5	10:27	05:34:25.8	-01:21:07	300	87	3.0	0 Calibration	2	
0116.AWI0005wif	1200	10:31	05:34:48.9	-00:37:17	300	88	3.0	#219 Disk Dete	2	
0117.COMP	10	10:52	05:34:48.9	-00:37:17	300	87	3.0	0 Calibration	2	
0118.AWI0005wij	600	10:54	05:34:54.9	-00:57:31	300	87	3.0	#219 Disk Dete	2	
0119.COMP	10	11:04	05:34:54.9	-00:57:31	300	87	3.0	0 Calibration	2	
0120-0129.FLAT	7	11:09	07:20:00.0	+32:00:00	300	87	3.0	0 Calibration	2	
0130.HD88072	45	11:12	10:09:23.4	+02:22:16	300	87	5.0	#223 NEOWISE N	2	300-line, 5-sec, gg495, red
0131.COMP	5	11:14	10:09:23.4	+02:22:16	300	87	5.0	0 Calibration	2	
0132.G3899.163899.2003SD220	900	11:16	10:10:52.1	+42:55:13	300	87	5.0	#223 NEOWISE N	2	
0133.G3899.163899.2003SD220	900	11:31	10:10:52.1	+42:55:13	300	87	5.0	#223 NEOWISE N	2	
0134.G3899.163899.2003SD220	900	11:46	10:10:52.1	+42:55:13	300	87	5.0	#223 NEOWISE N	2	
0135.COMP	10	12:02	10:10:52.1	+42:55:13	300	87	5.0	0 Calibration	2	
0137.HD89010	5	12:04	10:16:32.3	+23:30:11	300	87	5.0	#223 NEOWISE N	2	
0138.HD89010	5	12:05	10:16:32.3	+23:30:11	300	87	5.0	#223 NEOWISE N	2	
0139.HD89010	5	12:05	10:16:32.3	+23:30:11	300	87	5.0	#223 NEOWISE N	2	
0140.COMP	10	12:05	10:16:32.3	+23:30:11	300	87	5.0	0 Calibration	2	

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File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0141.HD84937	60	12:07	09:48:56.1	+13:44:39	300	87	5.0	#223 NEOWISE N	2	
0142.HD84937	60	12:08	09:48:56.1	+13:44:39	300	87	5.0	#223 NEOWISE N	2	
0143.COMP	5	12:10	09:48:56.1	+13:44:39	300	87	5.0	0 Calibration	2	
0144.27.Euterpe	180	12:13	06:36:01.3	+22:16:41	300	87	5.0	#223 NEOWISE N	2	
0145.COMP	5	12:17	06:36:01.3	+22:16:41	300	87	5.0	0 Calibration	2	
0146.16.Psyche	180	12:18	05:29:22.7	+18:43:28	300	87	5.0	#223 NEOWISE N	2	
0147.COMP	10	12:22	05:29:22.7	+18:43:28	300	87	5.0	0 Calibration	2	
0148.230.Athamantis	360	12:23	05:39:44.3	+20:54:45	300	87	5.0	#223 NEOWISE N	2	
0149.COMP	5	12:29	05:39:44.3	+20:54:45	300	87	5.0	0 Calibration	2	
0150.HD78538	60	12:31	09:08:47.0	-05:06:58	300	87	5.0	#223 NEOWISE N	2	
0151.COMP	5	12:33	09:08:47.0	-05:06:58	300	87	5.0	0 Calibration	2	
0152.HD78660	60	12:34	09:09:53.9	+14:27:24	300	87	5.0	#223 NEOWISE N	2	
0153.COMP	5	12:35	09:09:53.9	+14:27:24	300	87	5.0	0 Calibration	2	
0154.HD88072	45	12:36	10:09:23.4	+02:22:16	300	87	5.0	#223 NEOWISE N	2	
0155.COMP	5	12:37	10:09:23.4	+02:22:16	300	87	5.0	0 Calibration	2	
0156-0170.FLAT	5	12:43	10:09:23.4	+02:22:16	300	87	5.0	0 Calibration	2	
0171-0180.BIAS	0	12:45	10:09:23.4	+02:22:16	300	87	5.0	0 Calibration	2	
0181-0185.DARK	900	13:53	10:09:23.4	+02:22:16	300	87	3.0	0 Calibration	2	

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File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0001-0005.DARK	900	21:18	10:09:23.4	+02:22:16	300	87	3.0	0 Calibration	2	
0006-0010.DARK	900	22:35	10:09:23.4	+02:22:16	300	87	3.0	0 Calibration	4	
0011-0020.BIAS	0	00:43	10:09:23.4	+02:22:16	300	87	3.0	0 Calibration	2	
0021.FLAT	7	00:44	10:09:23.4	+02:22:16	300	87	3.0	0 Calibration	2	300-line, 3-sec
0022-0035.FLAT	7	00:48	10:09:23.4	+02:22:16	300	87	3.0	0 Calibration	2	
0036.AWI0005zcx	20	01:30	21:02:40.3	+11:39:26	300	87	3.0	#219 Disk Dete	2	
0037.COMP	10	01:31	21:02:40.3	+11:39:26	300	87	3.0	0 Calibration	2	
0038.AWI0005zvh	90	01:33	21:55:43.4	+17:06:32	300	87	3.0	#219 Disk Dete	2	
0039.COMP	10	01:37	21:55:43.4	+17:06:32	300	87	3.0	0 Calibration	2	
0040.AWI0005d3d	8	01:40	17:03:39.3	+13:36:19	300	87	3.0	#219 Disk Dete	2	
0041.COMP	10	01:41	17:03:39.3	+13:36:19	300	87	3.0	0 Calibration	2	
0042.AWI0005cm5	300	01:42	17:17:55.5	+08:50:05	300	87	3.0	#219 Disk Dete	2	
0043.COMP	10	01:48	17:17:55.5	+08:50:05	300	88	3.0	0 Calibration	2	
0044.AWI0005cnh	1200	01:50	17:34:22.9	+08:36:39	300	88	3.0	#219 Disk Dete	2	
0045.COMP	10	02:10	17:34:22.9	+08:36:39	300	88	3.0	0 Calibration	2	
0046.AWI0005d4o	240	02:12	17:42:50.6	+33:37:54	300	88	3.0	#219 Disk Dete	2	
0047.COMP	10	02:16	17:42:50.6	+33:37:54	300	88	3.0	0 Calibration	2	
0048.AWI0005d4p	900	02:17	17:43:28.4	+34:33:15	300	88	3.0	#219 Disk Dete	2	
0049.COMP	10	02:33	17:43:28.4	+34:33:15	300	88	3.0	0 Calibration	2	
0050.AWI0005d4r	600	02:34	17:46:01.5	+25:35:46	300	88	3.0	#219 Disk Dete	2	

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File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0051.COMP	10	02:45	17:46:01.5	+25:35:46	300	88	3.0	0 Calibration	2	
0052.AWI0005zda	1200	02:47	21:09:31.7	+14:04:44	300	88	3.0	#219 Disk Dete	2	
0053.COMP	10	03:07	21:09:31.7	+14:04:44	300	88	3.0	0 Calibration	2	
0054.BDp284211	180	03:27	21:51:11.0	+28:51:50	300	88	3.0	#56 Spectropho	2	
0055.COMP	10	03:31	21:51:11.0	+28:51:50	300	88	3.0	0 Calibration	2	
0056.BDp174708	120	03:32	22:11:31.4	+18:05:34	300	88	3.0	#56 Spectropho	2	
0057.COMP	10	03:35	22:11:31.4	+18:05:34	300	88	3.0	0 Calibration	2	
0058.snASASSN15sf	1800	03:41	00:11:27.6	-06:25:38	300	88	3.0	#2 SN Observat	2	
0059.COMP	10	04:12	00:11:27.6	-06:25:38	300	88	3.0	0 Calibration	2	
0060.snPS15cku	1800	04:14	01:24:22.5	+03:35:15	300	88	3.0	#2 SN Observat	2	corrupted file
0061.COMP	10	04:53	01:24:22.5	+03:35:15	300	88	3.0	0 Calibration	2	ccd60 kernal panic
0062.snPS15cku	1800	05:15	01:24:22.5	+03:35:15	300	88	3.0	#2 SN Observat	2	
0063.COMP	10	05:45	01:24:22.5	+03:35:15	300	87	3.0	0 Calibration	2	
0064.snASASSN-15sr	1800	05:48	01:55:39.9	+48:59:55	300	87	3.0	#220 ASASSN Tr	2	
0065.COMP	10	06:19	01:55:39.9	+48:59:55	300	84	3.0	0 Calibration	2	
0066.snASASSN15rw	1800	06:21	02:15:58.1	+12:14:15	300	84	3.0	#2 SN Observat	2	
0067.COMP	10	06:51	02:15:58.1	+12:14:15	300	87	3.0	0 Calibration	2	
0068.BIAS	0	06:58	01:06:30.7	+30:17:11	600	87	2.0	0 Calibration	2	
0069.COMP	10	07:35	01:06:30.7	+30:17:11	600	87	2.0	0 Calibration	2	600-line, 2-sec, red
0070.LSPMJ0106+3017	1800	07:36	01:06:30.7	+30:17:11	600	87	2.0	#222 M dwarfs	2	

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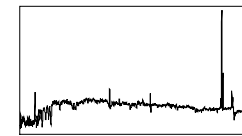
File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0071.COMP	10	08:06	01:06:30.7	+30:17:11	600	87	2.0	0 Calibration	2	
0072.LSPMJ0141+3016	1800	08:08	01:41:15.8	+30:16:11	600	87	2.0	#222 M dwarfs	2	
0073.COMP	10	08:39	01:41:15.8	+30:16:11	600	87	2.0	0 Calibration	2	
0074.LSPMJ0231+5245	1800	08:41	02:31:04.6	+52:45:25	600	87	2.0	#222 M dwarfs	2	
0075.COMP	10	09:11	02:31:04.6	+52:45:25	600	87	2.0	0 Calibration	2	
0076.LSPMJ0330+5413	1800	09:13	03:30:48.9	+54:13:55	600	87	2.0	#222 M dwarfs	2	
0077.COMP	10	09:43	03:30:48.9	+54:13:55	600	87	2.0	0 Calibration	2	
0078.LSPMJ0357+4107	1800	09:45	03:57:20.0	+41:07:43	600	87	2.0	#222 M dwarfs	2	
0079.COMP	10	10:16	03:57:20.0	+41:07:43	600	87	2.0	0 Calibration	2	
0080.LSPMJ0322+2858	1800	10:17	03:22:31.7	+28:58:29	600	87	2.0	#222 M dwarfs	2	
0081.COMP	10	10:48	03:22:31.7	+28:58:29	600	87	2.0	0 Calibration	2	
0082.LSPMJ0506+5247	1800	10:50	05:06:24.9	+52:47:19	600	87	2.0	#222 M dwarfs	2	
0083.COMP	10	11:21	05:06:24.9	+52:47:19	600	87	2.0	0 Calibration	2	
0084.Hiltner600	120	11:23	06:45:13.4	+02:08:15	600	87	2.0	#222 M dwarfs	2	
0085.COMP	10	11:26	06:45:13.4	+02:08:15	600	88	2.0	0 Calibration	2	
0086.PM_I06385-1404	900	11:28	06:38:35.3	-14:04:58	600	88	2.0	#222 M dwarfs	2	
0087.COMP	10	11:44	06:38:35.3	-14:04:58	600	84	2.0	0 Calibration	2	
0088-0097.FLAT	12	11:49	08:00:00.0	+32:00:00	600	84	2.0	0 Calibration	2	
0098.PM_I06385-1404	10	11:52	08:00:00.0	+32:00:00	300	84	3.0	#222 M dwarfs	2	
0099.test	10	11:54	08:00:00.0	+32:00:00	300	84	3.0	#222 M dwarfs	2	

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<i>File</i>	<i>Exp Time</i>	<i>UT Start</i>	<i>RA</i>	<i>Dec</i>	<i>Gr.</i>	<i>P.A.</i>	<i>Slit</i>	<i>Program</i>	<i>Bin</i>	<i>Comments</i>
0100.BXMon	30	11:56	07:25:23.0	-03:35:51	300	84	3.0	#12 Symbiotic	2	300-line, 3-sec
0101.BXMon	10	11:57	07:25:23.0	-03:35:51	300	84	3.0	#12 Symbiotic	2	
0102.BXMon	60	11:58	07:25:23.0	-03:35:51	300	84	3.0	#12 Symbiotic	2	
0103.COMP	10	11:59	07:25:23.0	-03:35:51	300	87	3.0	0 Calibration	2	
0104.SS129	60	12:01	07:32:45.0	-26:49:16	300	87	3.0	#12 Symbiotic	2	
0105.SS129	300	12:03	07:32:45.0	-26:49:16	300	87	3.0	#12 Symbiotic	2	
0106.COMP	10	12:08	07:32:45.0	-26:49:16	300	87	3.0	0 Calibration	2	
0107.snASASSN-15so	600	12:11	11:14:11.0	+48:19:07	300	87	3.0	#220 ASASSN Tr	2	
0108.snASASSN-15so	600	12:21	11:14:11.0	+48:19:07	300	87	3.0	#220 ASASSN Tr	2	
0109.snASASSN-15so	600	12:32	11:14:11.0	+48:19:07	300	87	3.0	#220 ASASSN Tr	2	
0110.COMP	10	12:42	11:14:11.0	+48:19:07	300	87	3.0	0 Calibration	2	
0111-0120.BIAS	0	12:52	09:00:38.7	+41:47:00	300	87	3.0	0 Calibration	2	
0121-0135.FLAT	7	12:57	09:00:38.7	+41:47:00	300	87	3.0	0 Calibration	2	

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File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0001-0010.BIAS	0	00:52	20:41:37.1	+31:26:47	300	86	3.0	0 Calibration	4	
0011-0030.FLAT	8	00:59	20:41:37.1	+31:26:47	300	86	3.0	0 Calibration	2	
0031-0040.BIAS	0	01:11	20:41:37.1	+31:26:47	300	86	3.0	0 Calibration	2	
0041.BDp284211	120	01:26	21:51:11.0	+28:51:50	300	90	3.0	#56 Spectropho	2	
0042.COMP	10	01:28	21:51:11.0	+28:51:50	300	90	3.0	0 Calibration	2	
0043.BDp174708	45	01:31	22:11:31.4	+18:05:34	300	90	3.0	#56 Spectropho	2	
0044.COMP	10	01:32	22:11:31.4	+18:05:34	300	90	3.0	0 Calibration	2	
0045.AWI0005a5r	1200	01:37	21:03:24.4	+67:59:06	300	90	3.0	#219 Disk Dete	2	
0046.COMP	10	01:58	21:03:24.4	+67:59:06	300	89	3.0	0 Calibration	2	
0047.AWI0003cex	420	02:00	21:09:42.6	+46:35:36	300	89	3.0	#219 Disk Dete	2	too much, get again
0048.COMP	10	02:08	21:09:42.6	+46:35:36	300	89	3.0	0 Calibration	2	
0049.AWI0003cex	120	02:09	21:09:42.6	+46:35:36	300	89	3.0	#219 Disk Dete	2	
0050.COMP	10	02:11	21:09:42.6	+46:35:36	300	89	3.0	0 Calibration	2	
0051.AWI0003cex	45	02:12	21:09:42.6	+46:35:36	300	89	3.0	#219 Disk Dete	2	
0052.COMP	10	02:14	21:09:42.6	+46:35:36	300	89	3.0	0 Calibration	2	
0053.AWI0005c11	60	02:16	21:20:21.4	+72:20:36	300	89	3.0	#219 Disk Dete	2	
0054.COMP	10	02:18	21:20:21.4	+72:20:36	300	89	3.0	0 Calibration	2	
0055.AWI0005c17	70	02:19	21:26:01.1	+72:34:54	300	89	3.0	#219 Disk Dete	2	
0056.COMP	10	02:35	21:26:01.1	+72:34:54	300	90	3.0	0 Calibration	2	
0057.AWI0005a8g	600	02:37	21:37:35.9	+69:25:18	300	90	3.0	#219 Disk Dete	2	

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File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0058.COMP	10	02:47	21:37:35.9	+69:25:18	300	89	3.0	0 Calibration	2	
0059.WHSS221454+145034	1800	02:52	22:14:54.7	+14:50:34	300	89	3.0	#221 Bright Hi	2	
0060.COMP	10	03:22	22:14:54.7	+14:50:34	300	90	3.0	0 Calibration	2	
0061.WHSS221507+091324	2400	03:24	22:15:07.2	+09:13:25	300	90	3.0	#221 Bright Hi	2	
0062.COMP	10	04:04	22:15:07.2	+09:13:25	300	89	3.0	0 Calibration	2	
0063.WHSS221527+174004	2400	04:06	22:15:27.5	+17:40:05	300	89	3.0	#221 Bright Hi	2	
0064.COMP	10	04:47	22:15:27.5	+17:40:05	300	90	3.0	0 Calibration	2	
0065.WHSS221527+174004	2400	04:49	22:15:27.5	+17:40:05	300	90	3.0	#221 Bright Hi	2	
0066.COMP	10	05:30	22:15:27.5	+17:40:05	300	90	3.0	0 Calibration	2	
0067.WHSS221528+173951	2400	05:31	22:15:28.5	+17:39:52	300	90	3.0	#221 Bright Hi	2	
0068.COMP	10	06:13	22:15:28.5	+17:39:52	300	90	3.0	0 Calibration	2	
0069.LSPMJ0044+5417	600	06:24	00:44:18.2	+54:17:35	600	90	2.0	#222 M dwarfs	2	
0070.COMP	10	06:35	00:44:18.2	+54:17:35	600	89	2.0	0 Calibration	2	
0071.LSPMJ0044+6757	1500	06:38	00:44:38.8	+67:57:29	600	51	2.0	#222 M dwarfs	2	
0072.COMP	10	07:03	00:44:38.8	+67:57:29	600	50	2.0	0 Calibration	2	
0073.LSPMJ0049+6205	1800	07:05	00:49:08.7	+62:05:13	600	89	2.0	#222 M dwarfs	2	
0074.COMP	10	07:36	00:49:08.7	+62:05:13	600	90	2.0	0 Calibration	2	
0075.LSPMJ0055+4511	2400	07:38	00:55:14.6	+45:11:02	600	90	2.0	#222 M dwarfs	2	
0076.COMP	10	08:19	00:55:14.6	+45:11:02	600	89	2.0	0 Calibration	2	
0077.LSPMJ0106+4239	660	08:22	01:06:38.9	+42:39:58	600	89	2.0	#222 M dwarfs	2	

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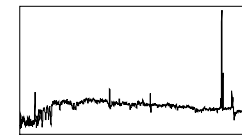
File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0078.COMP	10	08:33	01:06:38.9	+42:39:58	600	89	2.0	0 Calibration	2	
0079.LSPMJ0127+3351	660	08:36	01:27:00.5	+33:51:58	600	89	2.0	#222 M dwarfs	2	
0080.COMP	10	08:47	01:27:00.5	+33:51:58	600	89	2.0	0 Calibration	2	
0081.LSPMJ0158+4844	540	08:49	01:58:13.6	+48:44:20	600	89	2.0	#222 M dwarfs	2	
0082.COMP	10	08:59	01:58:13.6	+48:44:20	600	90	2.0	0 Calibration	2	
0083.LSPMJ0219+2352	840	09:01	02:19:02.3	+23:52:55	600	89	2.0	#222 M dwarfs	2	
0084.COMP	10	09:16	02:19:02.3	+23:52:55	600	89	2.0	0 Calibration	2	
0085.LSPMJ0222+4542	900	09:18	02:22:14.6	+45:42:01	600	89	2.0	#222 M dwarfs	2	
0086.COMP	10	09:33	02:22:14.6	+45:42:01	600	89	2.0	0 Calibration	2	
0087.LSPMJ0314+0250	1320	09:36	03:14:29.4	+02:50:57	600	89	2.0	#222 M dwarfs	2	
0088.COMP	10	09:58	03:14:29.4	+02:50:57	600	89	2.0	0 Calibration	2	
0089.LSPMJ0322+2858	1800	10:00	03:22:31.7	+28:58:29	600	90	2.0	#222 M dwarfs	2	
0090.COMP	10	10:31	03:22:31.7	+28:58:29	600	90	2.0	0 Calibration	2	
0091.LSPMJ0339+5632	2400	10:33	03:39:15.3	+56:32:06	600	90	2.0	#222 M dwarfs	2	
0092.COMP	10	11:13	03:39:15.3	+56:32:06	600	89	2.0	0 Calibration	2	
0093.Hiltner600	240	11:16	06:45:13.4	+02:08:15	600	89	2.0	#222 M dwarfs	2	
0094.COMP	10	11:20	06:45:13.4	+02:08:15	600	90	2.0	0 Calibration	2	
0095-0104.FLAT	12	11:25	06:45:13.4	+02:08:15	600	90	2.0	0 Calibration	2	
0105.snPSN091008	1800	11:36	09:10:08.8	+50:03:40	300	100	3.0	#2 SN Observat	2	
0106.COMP	10	12:06	09:10:08.8	+50:03:40	300	100	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>
0107.snASASSN-15so	600	12:09	11:14:11.0	+48:19:07	300	90	3.0	#220 ASASSN Tr	2	
0108.COMP	10	12:20	11:14:11.0	+48:19:07	300	91	3.0	0 Calibration	2	
0109.06411710+2051111	1200	12:24	06:41:17.1	+20:51:11	300	91	3.0	#141 2MASS Red	2	
0110.COMP	10	12:44	06:41:17.1	+20:51:11	300	91	3.0	0 Calibration	2	
0111.HD84937	30	12:46	09:48:56.1	+13:44:39	300	91	3.0	#56 Spectropho	2	
0112.COMP	10	12:47	09:48:56.1	+13:44:39	300	91	3.0	0 Calibration	2	
0113.Feige34	180	12:49	10:39:36.7	+43:06:09	300	91	3.0	#56 Spectropho	2	
0114.COMP	10	12:52	10:39:36.7	+43:06:09	300	87	3.0	0 Calibration	2	
0115-0124.BIAS	0	12:58	10:47:42.4	+13:59:08	300	87	3.0	0 Calibration	2	
0125-0144.FLAT	8	13:05	10:47:42.4	+13:59:08	300	87	3.0	0 Calibration	2	
0145-0154.DARK	900	15:24	10:47:42.4	+13:59:08	300	87	3.0	0 Calibration	2	

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File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0001-0010.DARK	900	02:17	10:47:42.4	+13:59:08	300	87	3.0	0 Calibration	4	
0011-0020.BIAS	0	02:39	10:47:42.4	+13:59:08	300	87	3.0	0 Calibration	4	
0021-0040.FLAT	8	02:57	10:47:42.4	+13:59:08	300	87	3.0	0 Calibration	2	
0041-0050.BIAS	0	03:01	10:47:42.4	+13:59:08	300	87	3.0	0 Calibration	2	
0051.V1016Cyg	4	04:59	19:57:05.0	+39:49:37	300	87	3.0	#12 Symbiotic	2	observing thru the clouds
0052.V1016Cyg	20	05:00	19:57:05.0	+39:49:37	300	87	3.0	#12 Symbiotic	2	soft seeing
0053.V1016Cyg	120	05:01	19:57:05.0	+39:49:37	300	87	3.0	#12 Symbiotic	2	
0054.COMP	10	05:04	19:57:05.0	+39:49:37	300	91	3.0	0 Calibration	2	
0055.PUVu1	5	05:07	20:21:13.0	+21:34:21	300	91	3.0	#12 Symbiotic	2	
0056.PUVu1	20	05:08	20:21:13.0	+21:34:21	300	90	3.0	#12 Symbiotic	2	
0057.PUVu1	120	05:09	20:21:13.0	+21:34:21	300	90	3.0	#12 Symbiotic	2	
0058.COMP	10	05:11	20:21:13.0	+21:34:21	300	90	3.0	0 Calibration	2	
0059.V1515Cyg	1080	05:14	20:23:48.0	+42:12:24	300	89	3.0	#12 Symbiotic	2	
0060.COMP	10	05:33	20:23:48.0	+42:12:24	300	89	3.0	0 Calibration	2	
0061.V1329Cyg	35	05:35	20:51:01.0	+35:34:55	300	90	3.0	#12 Symbiotic	2	
0062.V1329Cyg	180	05:37	20:51:01.0	+35:34:55	300	90	3.0	#12 Symbiotic	2	
0063.COMP	10	05:41	20:51:01.0	+35:34:55	300	90	3.0	0 Calibration	2	
0064.V1057Cyg	120	05:43	20:58:54.0	+44:15:30	300	90	3.0	#12 Symbiotic	2	
0065.V1057Cyg	780	05:45	20:58:54.0	+44:15:30	300	90	3.0	#12 Symbiotic	2	
0066.COMP	10	05:59	20:58:54.0	+44:15:30	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
0067.lamost029	720	06:22	02:17:18.3	+58:22:39	600	90	1.5	#178 Low Mass	4	
0068.COMP	10	06:35	02:17:18.3	+58:22:39	600	90	1.5	0 Calibration	4	
0069.lamost029	720	06:36	02:17:18.3	+58:22:39	600	90	1.5	#178 Low Mass	4	seeing is blowing up
0070.COMP	10	06:49	02:17:18.3	+58:22:39	600	86	1.5	0 Calibration	4	
0071.lamost029	900	06:51	02:17:18.3	+58:22:39	600	83	1.5	#178 Low Mass	4	
0072.COMP	10	07:06	02:17:18.3	+58:22:39	600	83	1.5	0 Calibration	4	
0073.lamost029	900	07:08	02:17:18.3	+58:22:39	600	83	1.5	#178 Low Mass	4	
0074.COMP	10	07:23	02:17:18.3	+58:22:39	600	83	1.5	0 Calibration	4	
0075.lamost029	900	07:24	02:17:18.3	+58:22:39	600	83	1.5	#178 Low Mass	4	
0076.COMP	10	07:39	02:17:18.3	+58:22:39	600	83	1.5	0 Calibration	4	
0077.lamost029	900	07:40	02:17:18.3	+58:22:39	600	83	1.5	#178 Low Mass	4	
0078.COMP	10	07:59	02:17:18.3	+58:22:39	600	83	1.5	0 Calibration	4	
0079.lamost029	900	07:59	02:17:18.3	+58:22:39	600	83	1.5	#178 Low Mass	4	
0080.COMP	10	08:15	02:17:18.3	+58:22:39	600	91	1.5	0 Calibration	4	
0081.G191B2B	420	08:17	05:05:30.6	+52:49:52	600	91	1.5	#56 Spectropho	4	
0082.COMP	10	08:25	05:05:30.6	+52:49:52	600	89	1.5	0 Calibration	4	
0083-0092.FLAT	12	08:30	05:05:30.6	+52:49:52	600	89	1.5	0 Calibration	4	
0093.lmwd035	1800	08:36	07:46:15.8	+39:22:03	600	70	1.5	#178 Low Mass	4	
0094.COMP	10	09:06	07:46:15.8	+39:22:03	600	70	1.5	0 Calibration	4	
0095.lmwd035	1800	09:08	07:46:15.8	+39:22:03	600	70	1.5	#178 Low Mass	4	

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File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0096.COMP	10	09:39	07:46:15.8	+39:22:03	600	70	1.5	0 Calibration	4	
0097.lmwd035	1800	09:40	07:46:15.8	+39:22:03	600	70	1.5	#178 Low Mass	4	
0098.COMP	10	10:10	07:46:15.8	+39:22:03	600	70	1.5	0 Calibration	4	
0099.lmwd035	1800	10:12	07:46:15.8	+39:22:03	600	70	1.5	#178 Low Mass	4	
0100.COMP	10	10:43	07:46:15.8	+39:22:03	600	70	1.5	0 Calibration	4	
0101.G191B2B	420	10:54	05:05:30.6	+52:49:52	300	90	3.0	#56 Spectropho	2	
0102.COMP	10	11:01	05:05:30.6	+52:49:52	300	90	3.0	0 Calibration	2	
0103.Hiltner600	90	11:05	06:45:13.4	+02:08:15	300	90	3.0	#56 Spectropho	2	
0104.COMP	10	11:09	06:45:13.4	+02:08:15	300	90	3.0	0 Calibration	2	
0105.snPSN091008	2400	11:15	09:10:08.8	+50:03:40	300	99	3.0	#2 SN Observat	2	
0106.COMP	10	11:55	09:10:08.8	+50:03:40	300	99	3.0	0 Calibration	2	
0107.snASASSN-15so	900	11:58	11:14:11.0	+48:19:07	300	90	3.0	#220 ASASSN Tr	2	
0108.COMP	10	12:13	11:14:11.0	+48:19:07	300	90	3.0	0 Calibration	2	
0109.BGGem	300	12:17	06:03:31.0	+27:41:50	300	90	3.0	#12 Symbiotic	2	
0110.COMP	10	12:23	06:03:31.0	+27:41:50	300	90	3.0	0 Calibration	2	
0111.N3377	300	12:34	10:47:42.4	+13:59:08	300	90	3.0	#57 Velocity S	2	
0112.COMP	10	12:40	10:47:42.4	+13:59:08	300	90	3.0	0 Calibration	2	
0113-0122.BIAS	0	12:46	10:47:42.4	+13:59:08	300	90	3.0	0 Calibration	4	
0123-0142.FLAT	8	12:57	10:47:42.4	+13:59:08	300	90	3.0	0 Calibration	2	
0143-0152.BIAS	0	13:03	10:47:42.4	+13:59:08	300	90	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>
0153-0162.DARK	900	15:32	10:47:42.4	+13:59:08	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
0001-0009.DARK	900	00:46	10:47:42.4	+13:59:08	300	90	3.0	0 Calibration	4	
0010-0029.FLAT	7	01:09	10:47:42.4	+13:59:08	300	90	3.0	0 Calibration	2	
0030-0040.BIAS	0	01:12	10:47:42.4	+13:59:08	300	90	3.0	0 Calibration	2	
0041.BDp284211	150	01:24	21:51:11.0	+28:51:50	300	90	3.0	#56 Spectropho	2	horrible seeing
0042.COMP	10	01:27	21:51:11.0	+28:51:50	300	89	3.0	0 Calibration	2	
0043.BDp174708	35	01:30	22:11:31.4	+18:05:34	300	89	3.0	#56 Spectropho	2	
0044.COMP	10	01:32	22:11:31.4	+18:05:34	300	89	3.0	0 Calibration	2	
0045.BDp174708	90	01:33	22:11:31.4	+18:05:34	300	89	3.0	#56 Spectropho	2	
0046.COMP	10	01:35	22:11:31.4	+18:05:34	300	89	3.0	0 Calibration	2	
0047.N7331	300	01:37	22:37:04.1	+34:24:56	300	89	3.0	#57 Velocity S	2	
0048.COMP	10	01:42	22:37:04.1	+34:24:56	300	89	3.0	0 Calibration	2	
0049.HMSge	3	01:45	19:41:57.0	+16:44:41	300	89	3.0	#12 Symbiotic	2	
0050.HMSge	40	01:46	19:41:57.0	+16:44:41	300	89	3.0	#12 Symbiotic	2	
0051.HMSge	10	01:48	19:41:57.0	+16:44:41	300	89	3.0	#12 Symbiotic	2	
0052.HMSge	110	01:48	19:41:57.0	+16:44:41	300	89	3.0	#12 Symbiotic	2	
0053.COMP	10	01:51	19:41:57.0	+16:44:41	300	89	3.0	0 Calibration	2	
0054.AS360	100	01:55	19:45:49.0	+18:36:49	300	89	3.0	#12 Symbiotic	2	
0055.AS360	480	01:58	19:45:49.0	+18:36:49	300	89	3.0	#12 Symbiotic	2	
0056.COMP	10	02:06	19:45:49.0	+18:36:49	300	90	3.0	0 Calibration	2	
0057.snPSNJ2131237	1800	02:11	21:31:23.7	+43:36:31	300	89	3.0	#2 SN Observat	2	

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File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0058.COMP	10	02:42	21:31:23.7	+43:36:31	300	88	3.0	0 Calibration	2	
0059.WHSS221551+392132	2400	02:51	22:15:52.0	+39:21:32	300	88	3.0	#221 Bright Hi	2	
0060.COMP	10	03:32	22:15:52.0	+39:21:32	300	90	3.0	0 Calibration	2	
0061.snASASSN-15sf	2400	03:38	00:11:27.6	-06:25:38	300	90	3.0	#220 ASASSN Tr	2	
0062.COMP	10	04:19	00:11:27.6	-06:25:38	300	90	3.0	0 Calibration	2	
0063.PS15cku	2400	04:26	01:24:22.5	+03:35:15	300	71	3.0	#2 SN Observat	2	
0064.COMP	10	05:07	01:24:22.5	+03:35:15	300	71	3.0	0 Calibration	2	
0065.snASASSN-15rw	2400	05:13	02:15:58.1	+12:14:15	300	90	3.0	#220 ASASSN Tr	2	
0066.COMP	10	05:53	02:15:58.1	+12:14:15	300	90	3.0	0 Calibration	2	
0067-0076.FLAT	18	06:04	02:15:58.1	+12:14:15	600	90	2.0	0 Calibration	2	
0077.G183.1	420	06:11	02:00:13.0	+13:03:07	600	89	2.0	#222 M dwarfs	2	
0078.COMP	10	06:19	02:00:13.0	+13:03:07	600	89	2.0	0 Calibration	2	
0079.LSPMJ0354+2416	2400	06:21	03:54:46.2	+24:16:25	600	90	2.0	#222 M dwarfs	2	
0080.COMP	10	07:02	03:54:46.2	+24:16:25	600	89	2.0	0 Calibration	2	
0081.LSPMJ0429+1413	480	07:03	04:29:18.5	+14:14:00	600	89	2.0	#222 M dwarfs	2	
0082.COMP	10	07:12	04:29:18.5	+14:14:00	600	89	2.0	0 Calibration	2	
0083.PM_I04380-0556	840	07:15	04:38:02.5	-05:56:14	600	100	2.0	#222 M dwarfs	2	
0084.COMP	10	07:29	04:38:02.5	-05:56:14	600	100	2.0	0 Calibration	2	
0085.LSPMJ0418+0315E	1800	07:33	04:18:52.9	+03:15:14	600	90	2.0	#222 M dwarfs	2	seeing dramatically improved
0086.COMP	10	08:03	04:18:52.9	+03:15:14	600	90	2.0	0 Calibration	2	

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File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0087.LSPMJ0425+3705	1800	08:06	04:25:19.2	+37:05:08	600	90	2.0	#222 M dwarfs	2	
0088.COMP	10	08:37	04:25:19.2	+37:05:08	600	90	2.0	0 Calibration	2	
0089.LSPMJ0448+3648	1800	08:39	04:48:57.8	+36:48:23	600	90	2.0	#222 M dwarfs	2	
0090.COMP	10	09:10	04:48:57.8	+36:48:23	600	90	2.0	0 Calibration	2	
0091.LSPMJ0449+4828	480	09:12	04:49:29.5	+48:28:46	600	90	2.0	#222 M dwarfs	2	
0092.COMP	10	09:20	04:49:29.5	+48:28:46	600	90	2.0	0 Calibration	2	
0093.PM_I05093-1348	2400	09:24	05:09:19.4	-13:48:41	600	90	2.0	#222 M dwarfs	2	
0094.COMP	10	10:04	05:09:19.4	-13:48:41	600	90	2.0	0 Calibration	2	
0095.PM_I05593-0918	1800	10:08	05:59:19.6	-09:18:34	600	90	2.0	#222 M dwarfs	2	
0096.COMP	10	10:40	05:59:19.6	-09:18:34	600	90	2.0	0 Calibration	2	
0097.LSPMJ0610+2234	1500	10:43	06:10:22.5	+22:34:20	600	80	2.0	#222 M dwarfs	2	
0098.COMP	10	11:09	06:10:22.5	+22:34:20	600	81	2.0	0 Calibration	2	
0099.AWIO005wiu	780	11:35	05:35:10.3	-05:46:34	300	90	3.0	#219 Disk Dete	2	
0100.COMP	10	11:49	05:35:10.3	-05:46:34	300	90	3.0	0 Calibration	2	
0101.AWIO005wow	780	11:53	05:39:26.1	-04:37:45	300	90	3.0	#219 Disk Dete	2	
0102.COMP	10	12:07	05:39:26.1	-04:37:45	300	90	3.0	0 Calibration	2	
0103.snPSN091008	1800	12:10	09:10:08.8	+50:03:40	300	100	3.0	#2 SN Observat	2	
0104.COMP	10	12:42	09:10:08.8	+50:03:40	300	98	3.0	0 Calibration	2	
0105.snASASSN-15so	420	12:44	11:14:11.0	+48:19:07	300	91	3.0	#220 ASASSN Tr	2	
0106.COMP	10	12:52	11:14:11.0	+48:19:07	300	91	3.0	0 Calibration	2	

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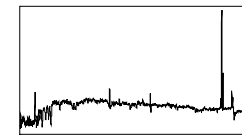
<i>File</i>	<i>Exp Time</i>	<i>UT Start</i>	<i>RA</i>	<i>Dec</i>	<i>Gr.</i>	<i>P.A.</i>	<i>Slit</i>	<i>Program</i>	<i>Bin</i>	<i>Comments</i>
0107.Feige34	150	12:53	10:39:36.7	+43:06:09	300	91	3.0	#56 Spectropho	2	
0108.COMP	10	12:56	10:39:36.7	+43:06:09	300	90	3.0	0 Calibration	2	
0109.HD84937	25	12:58	09:48:56.1	+13:44:39	300	90	3.0	#56 Spectropho	2	
0110.COMP	10	12:59	09:48:56.1	+13:44:39	300	90	3.0	0 Calibration	2	
0111.HD84937	15	13:00	09:48:56.1	+13:44:39	300	90	3.0	#56 Spectropho	2	
0112.COMP	10	13:01	09:48:56.1	+13:44:39	300	90	3.0	0 Calibration	2	
0113-0122.BIAS	0	13:05	09:48:56.1	+13:44:39	300	90	3.0	0 Calibration	2	
0123-0142.FLAT	8	13:13	09:48:56.1	+13:44:39	300	90	3.0	0 Calibration	2	
0143-0152.DARK	900	15:35	09:48:56.1	+13:44:39	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
0001-0010.BIAS	0	00:58	21:51:11.0	+28:51:50	300	91	3.0	0 Calibration	4	
0011-0020.BIAS	0	01:01	21:51:11.0	+28:51:50	300	91	3.0	0 Calibration	2	
0021-0035.FLAT	7	01:06	21:51:11.0	+28:51:50	300	91	3.0	0 Calibration	2	
0036.AS296	30	01:36	18:15:07.0	-00:18:52	300	91	3.0	#12 Symbiotic	2	
0037.AS296	60	01:37	18:15:07.0	-00:18:52	300	91	3.0	#12 Symbiotic	2	
0038.AS296	360	01:38	18:15:07.0	-00:18:52	300	91	3.0	#12 Symbiotic	2	
0039.COMP	10	01:45	18:15:07.0	-00:18:52	300	90	3.0	0 Calibration	2	
0040.RS0ph	120	01:46	17:50:13.0	-06:42:30	300	90	3.0	#12 Symbiotic	2	
0041.RS0ph	180	01:50	17:50:13.0	-06:42:30	300	90	3.0	#12 Symbiotic	2	
0042.COMP	10	01:53	17:50:13.0	-06:42:30	300	90	3.0	0 Calibration	2	
0043.AS289	60	01:54	18:12:22.0	-11:40:08	300	90	3.0	#12 Symbiotic	2	
0044.AS289	300	01:56	18:12:22.0	-11:40:08	300	90	3.0	#12 Symbiotic	2	
0045.COMP	10	02:01	18:12:22.0	-11:40:08	300	91	3.0	0 Calibration	2	
0046.YYHer	60	02:03	18:14:34.0	+20:59:19	300	91	3.0	#12 Symbiotic	2	
0047.YYHer	600	02:04	18:14:34.0	+20:59:19	300	91	3.0	#12 Symbiotic	2	
0048.COMP	10	02:15	18:14:34.0	+20:59:19	300	91	3.0	0 Calibration	2	
0049.AS360	60	02:17	19:45:49.0	+18:36:49	300	91	3.0	#12 Symbiotic	2	
0050.AS360	600	02:19	19:45:49.0	+18:36:49	300	91	3.0	#12 Symbiotic	2	
0051.COMP	10	02:29	19:45:49.0	+18:36:49	300	90	3.0	0 Calibration	2	
0052.BDp174708	120	02:31	22:11:31.4	+18:05:34	300	90	3.0	#56 Spectropho	2	

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File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0053.BDp174708	120	02:34	22:11:31.4	+18:05:34	300	90	3.0	#56 Spectropho	2	
0054.COMP	10	02:36	22:11:31.4	+18:05:34	300	90	3.0	0 Calibration	2	
0055.BDp284211	180	02:38	21:51:11.0	+28:51:50	300	90	3.0	#56 Spectropho	2	
0056.COMP	10	02:41	21:51:11.0	+28:51:50	300	90	3.0	0 Calibration	2	
0057.N7331	180	02:43	22:37:04.1	+34:24:56	300	90	3.0	#57 Velocity S	2	
0058.COMP	10	02:47	22:37:04.1	+34:24:56	300	90	3.0	0 Calibration	2	
0059.163m217	480	02:49	00:43:17.7	+41:27:46	300	90	3.0	#57 Velocity S	2	
0060.COMP	10	02:57	00:43:17.7	+41:27:46	300	89	3.0	0 Calibration	2	
0061.20590023+5736504	1800	03:02	20:59:00.2	+57:36:50	300	71	3.0	#141 2MASS Red	2	
0062.COMP	10	03:33	20:59:00.2	+57:36:50	300	70	3.0	0 Calibration	2	
0063.snASASSN15sf	1800	04:11	00:11:27.6	-06:25:38	300	90	3.0	#2 SN Observat	2	
0064.COMP	10	04:41	00:11:27.6	-06:25:38	300	90	3.0	0 Calibration	2	
0065.snASASSN15rw	1800	04:44	02:15:58.1	+12:14:15	300	90	3.0	#2 SN Observat	2	
0066.COMP	10	05:15	02:15:58.1	+12:14:15	300	89	3.0	0 Calibration	2	
0067.PS15cku	1800	05:17	01:24:22.5	+03:35:15	300	89	3.0	#2 SN Observat	2	
0068.COMP	10	05:48	01:24:22.5	+03:35:15	300	90	3.0	0 Calibration	2	
0069.04223129+3609042	1800	05:51	04:22:31.3	+36:09:04	300	90	3.0	#141 2MASS Red	2	
0070.COMP	10	06:45	04:22:31.3	+36:09:04	300	90	3.0	0 Calibration	2	
0071.04241882+3633530	1800	06:47	04:24:18.8	+36:33:53	300	90	3.0	#141 2MASS Red	2	
0072.COMP	10	08:04	04:24:18.8	+36:33:53	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
0073.04263764+3600482	1800	08:06	04:26:37.6	+36:00:48	300	89	3.0	#141 2MASS Red	2	
0074.COMP	10	08:37	04:26:37.6	+36:00:48	300	89	3.0	0 Calibration	2	
0075.04391269+5433124	1500	08:39	04:39:12.7	+54:33:12	300	98	3.0	#141 2MASS Red	2	
0077.BIAS	0	09:19	04:39:12.7	+54:33:12	300	100	3.0	0 Calibration	2	
0078.COMP	10	09:19	04:39:12.7	+54:33:12	300	100	3.0	0 Calibration	2	
0079.04391269+5433124	1800	09:21	04:39:12.7	+54:33:12	300	100	3.0	#141 2MASS Red	2	
0080.COMP	10	09:52	04:39:12.7	+54:33:12	300	99	3.0	0 Calibration	2	
0081.04385345+5544495	1800	09:54	04:38:53.4	+55:44:50	300	99	3.0	#141 2MASS Red	2	
0082.COMP	10	10:24	04:38:53.4	+55:44:50	300	99	3.0	0 Calibration	2	
0083.snPSN091008	1200	10:30	09:10:08.8	+50:03:40	300	90	3.0	#2 SN Observat	2	
0084.snPSN091008	1200	10:50	09:10:08.8	+50:03:40	300	90	3.0	#2 SN Observat	2	
0085.snPSN091008	1200	11:11	09:10:08.8	+50:03:40	300	90	3.0	#2 SN Observat	2	
0086.COMP	10	11:31	09:10:08.8	+50:03:40	300	90	3.0	0 Calibration	2	
0087.06230152+2832306	1200	11:35	06:23:01.5	+28:32:31	300	90	3.0	#141 2MASS Red	2	
0088.COMP	10	11:55	06:23:01.5	+28:32:31	300	90	3.0	0 Calibration	2	
0089.snASASSN-15so	720	11:59	11:14:11.0	+48:19:07	300	90	3.0	#220 ASASSN Tr	2	
0090.snASASSN-15so	720	12:11	11:14:11.0	+48:19:07	300	90	3.0	#220 ASASSN Tr	2	
0091.snASASSN-15so	720	12:23	11:14:11.0	+48:19:07	300	90	3.0	#220 ASASSN Tr	2	
0092.COMP	10	12:36	11:14:11.0	+48:19:07	300	90	3.0	0 Calibration	2	
0093.06224182+2635317	1014	12:39	06:22:41.8	+26:35:32	300	90	3.0	#141 2MASS Red	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>
0094.COMP	10	12:56	06:22:41.8	+26:35:32	300	91	3.0	0 Calibration	2	
0095-0104.BIAS	0	13:04	06:22:41.8	+26:35:32	300	91	3.0	0 Calibration	2	
0105-0119.FLAT	7	13:09	06:22:41.8	+26:35:32	300	91	3.0	0 Calibration	2	
0120-0124.DARK	1200	14:32	06:22:41.8	+26:35:32	300	91	3.0	0 Calibration	2	

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File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0001-0010.BIAS	0	00:34	21:51:11.0	+28:51:50	300	91	3.0	0 Calibration	2	
0011.FLAT	7	00:35	21:51:11.0	+28:51:50	300	91	3.0	0 Calibration	2	300-line, 3-sec
0012-0025.FLAT	7	00:40	21:51:11.0	+28:51:50	300	91	3.0	0 Calibration	2	
0026.BDp174708	120	01:21	22:11:31.4	+18:05:34	300	91	3.0	#56 Spectropho	2	
0027.BDp174708	120	01:24	22:11:31.4	+18:05:34	300	91	3.0	#56 Spectropho	2	
0028.BDp174708	120	01:27	22:11:31.4	+18:05:34	300	91	3.0	#56 Spectropho	2	
0029.COMP	10	01:29	22:11:31.4	+18:05:34	300	91	3.0	0 Calibration	2	
0030.BDp284211	180	01:31	21:51:11.0	+28:51:50	300	91	3.0	#56 Spectropho	2	
0031.COMP	10	01:35	21:51:11.0	+28:51:50	300	91	3.0	0 Calibration	2	
0032.DracoC1	1800	01:38	17:19:58.0	+57:50:06	300	91	3.0	#12 Symbiotic	2	
0033.COMP	10	02:09	17:19:58.0	+57:50:06	300	91	3.0	0 Calibration	2	
0034.test	10	02:12	23:00:00.0	+32:00:00	600	90	2.0	#12 Symbiotic	2	
0035.test	10	02:14	23:00:00.0	+32:00:00	600	90	2.0	#12 Symbiotic	2	
0036.test	10	02:15	23:00:00.0	+32:00:00	600	90	2.0	#12 Symbiotic	2	
0037.test	10	02:16	23:00:00.0	+32:00:00	600	90	2.0	#12 Symbiotic	2	
0038.BDp174708	90	02:19	22:11:31.4	+18:05:34	600	90	2.0	#222 M dwarfs	2	600-line, 2-sec, red
0039.BDp174708	90	02:22	22:11:31.4	+18:05:34	600	90	2.0	#222 M dwarfs	2	
0040.BDp174708	90	02:24	22:11:31.4	+18:05:34	600	90	2.0	#222 M dwarfs	2	
0041.COMP	10	02:26	22:11:31.4	+18:05:34	600	90	2.0	0 Calibration	2	
0042.LSPMJ2044+1339	1800	02:28	20:44:22.1	+13:39:01	600	90	2.0	#222 M dwarfs	2	

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File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0043.COMP	10	02:58	20:44:22.1	+13:39:01	600	90	2.0	0 Calibration	2	
0044.LSPMJ2033+2823	1200	03:00	20:33:15.8	+28:23:44	600	90	2.0	#222 M dwarfs	2	
0045.COMP	10	03:21	20:33:15.8	+28:23:44	600	90	2.0	0 Calibration	2	
0046.LSPMJ2114+1254	720	03:22	21:14:49.1	+12:54:00	600	90	2.0	#222 M dwarfs	2	
0047.COMP	10	03:35	21:14:49.1	+12:54:00	600	90	2.0	0 Calibration	2	
0048.LSPMJ2103+1716	1200	03:37	21:03:43.6	+17:16:49	600	90	2.0	#222 M dwarfs	2	
0049.COMP	10	03:57	21:03:43.6	+17:16:49	600	90	2.0	0 Calibration	2	
0050.LSPMJ2208+1036	900	03:59	22:08:12.5	+10:36:42	600	90	2.0	#222 M dwarfs	2	
0051.COMP	10	04:14	22:08:12.5	+10:36:42	600	90	2.0	0 Calibration	2	
0052.LSPMJ2226+0300S	1500	04:16	22:26:15.5	+03:00:08	600	90	2.0	#222 M dwarfs	2	
0053.COMP	10	04:42	22:26:15.5	+03:00:08	600	90	2.0	0 Calibration	2	
0054.LSPMJ2044+7141	1800	04:45	20:44:28.0	+71:41:59	600	90	2.0	#222 M dwarfs	2	
0055.COMP	10	05:15	20:44:28.0	+71:41:59	600	91	2.0	0 Calibration	2	
0056.LSPMJ2110+6615	1800	05:17	21:10:03.5	+66:15:02	600	91	2.0	#222 M dwarfs	2	
0057.COMP	10	05:47	21:10:03.5	+66:15:02	600	90	2.0	0 Calibration	2	
0058.LSPMJ2227+7751	1800	05:49	22:27:08.7	+77:51:58	600	90	2.0	#222 M dwarfs	2	
0059.COMP	10	06:20	22:27:08.7	+77:51:58	600	90	2.0	0 Calibration	2	
0060.LSPMJ2322+7847	1800	06:21	23:22:53.8	+78:47:39	600	90	2.0	#222 M dwarfs	2	
0061.COMP	10	06:52	23:22:53.8	+78:47:39	600	89	2.0	0 Calibration	2	
0062.LSPMJ2324+7357	900	06:53	23:24:26.5	+73:57:44	600	89	2.0	#222 M dwarfs	2	

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File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0063.COMP	10	07:09	23:24:26.5	+73:57:44	600	90	2.0	0 Calibration	2	
0064.LSPMJ2340+3433	1800	07:11	23:40:22.2	+34:33:14	600	90	2.0	#222 M dwarfs	2	
0065.COMP	10	07:42	23:40:22.2	+34:33:14	600	90	2.0	0 Calibration	2	
0066.LSPMJ0506+5247	1800	07:45	05:06:24.9	+52:47:19	600	90	2.0	#222 M dwarfs	2	
0067.COMP	10	08:16	05:06:24.9	+52:47:19	600	88	2.0	0 Calibration	2	
0068.LSPMJ0538+5216	1800	08:17	05:38:12.1	+52:16:04	600	88	2.0	#222 M dwarfs	2	
0069.COMP	10	08:48	05:38:12.1	+52:16:04	600	88	2.0	0 Calibration	2	
0070.LSPMJ0539+4038	1800	08:49	05:39:24.8	+40:38:43	600	88	2.0	#222 M dwarfs	2	
0071.COMP	10	09:20	05:39:24.8	+40:38:43	600	86	2.0	0 Calibration	2	
0072.LSPMJ0539+4038	1800	09:21	05:39:24.8	+40:38:43	600	86	2.0	#222 M dwarfs	2	
0073.COMP	10	09:51	05:39:24.8	+40:38:43	600	87	2.0	0 Calibration	2	
0074-0083.FLAT	12	09:56	05:39:24.8	+40:38:43	600	87	2.0	0 Calibration	2	
0084.BIAS	0	10:01	06:40:00.0	+32:00:00	300	87	5.0	0 Calibration	2	
0087.COMP	5	10:06	06:40:00.0	+32:00:00	300	87	5.0	0 Calibration	2	
0088.FLAT	5	10:06	06:40:00.0	+32:00:00	300	87	5.0	0 Calibration	2	300-line, 5-sec, red, gg495
0089-0102.FLAT	5	10:10	06:40:00.0	+32:00:00	300	87	5.0	0 Calibration	2	
0103.Hiltner600	120	10:12	06:45:13.4	+02:08:15	300	87	5.0	#223 NEOWISE N	2	
0104.COMP	5	10:14	06:45:13.4	+02:08:15	300	87	5.0	0 Calibration	2	
0105.HD76151	8	10:16	08:54:17.9	-05:26:04	300	87	5.0	#223 NEOWISE N	2	
0106.HD76151	8	10:17	08:54:17.9	-05:26:04	300	87	5.0	#223 NEOWISE N	2	

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File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0107.HD76151	8	10:17	08:54:17.9	-05:26:04	300	87	5.0	#223 NEOWISE N	2	
0108.COMP	5	10:18	08:54:17.9	-05:26:04	300	87	5.0	0 Calibration	2	
0109.HD78538	30	10:19	09:08:47.0	-05:06:58	300	87	5.0	#223 NEOWISE N	2	
0110.HD78538	30	10:20	09:08:47.0	-05:06:58	300	87	5.0	#223 NEOWISE N	2	
0111.COMP	5	10:21	09:08:47.0	-05:06:58	300	87	5.0	0 Calibration	2	08 55 03.4 -06 10 51
0112.33342.1998WT24	1200	10:25	08:55:01.3	-06:10:10	300	87	5.0	#223 NEOWISE N	2	
0113.33342.1998WT24	1200	10:46	08:55:01.3	-06:10:10	300	87	5.0	#223 NEOWISE N	2	
0114.33342.1998WT24	1200	11:06	08:55:01.3	-06:10:10	300	87	5.0	#223 NEOWISE N	2	
0115.COMP	10	11:26	08:55:01.3	-06:10:10	300	87	5.0	0 Calibration	2	
0116.HD76151	8	11:28	08:54:17.9	-05:26:04	300	87	5.0	#223 NEOWISE N	2	
0117.HD76151	8	11:28	08:54:17.9	-05:26:04	300	87	5.0	#223 NEOWISE N	2	
0118.HD76151	8	11:28	08:54:17.9	-05:26:04	300	87	5.0	#223 NEOWISE N	2	
0119.COMP	10	11:29	08:54:17.9	-05:26:04	300	87	5.0	0 Calibration	2	
0120.HD78538	30	11:30	09:08:47.0	-05:06:58	300	87	5.0	#223 NEOWISE N	2	
0121.HD78538	30	11:30	09:08:47.0	-05:06:58	300	87	5.0	#223 NEOWISE N	2	
0122.COMP	10	11:31	09:08:47.0	-05:06:58	300	87	5.0	0 Calibration	2	
0123.BIAS	0	11:34	08:10:00.0	+32:00:00	300	87	3.0	0 Calibration	2	
0124.test	10	11:35	08:10:00.0	+32:00:00	300	87	3.0	#223 NEOWISE N	2	
0125.test	10	11:36	08:10:00.0	+32:00:00	300	87	3.0	#223 NEOWISE N	2	
0126.snPSN091008	1800	11:38	09:10:08.8	+50:03:40	300	87	3.0	#2 SN Observat	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>
0127.COMP	10	12:09	09:10:08.8	+50:03:40	300	88	3.0	0 Calibration	2	
0128.snASASSN-15so	900	12:11	11:14:11.0	+48:19:07	300	88	3.0	#220 ASASSN Tr	2	
0129.COMP	10	12:26	11:14:11.0	+48:19:07	300	88	3.0	0 Calibration	2	
0130-0139.BIAS	0	12:31	09:48:56.1	+13:44:39	300	88	3.0	0 Calibration	2	
0140-0154.FLAT	7	12:37	09:48:56.1	+13:44:39	300	88	3.0	0 Calibration	2	
0155-0159.DARK	1200	13:59	09:48:56.1	+13:44:39	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
0001-0010.DARK	900	01:35	23:07:14.5	+31:25:10	300	90	3.0	0 Calibration	4	
0011-0020.BIAS	0	02:05	23:07:14.5	+31:25:10	300	90	3.0	0 Calibration	4	
0021-0040.FLAT	8	02:27	23:07:14.5	+31:25:10	300	90	3.0	0 Calibration	2	
0041-0050.BIAS	0	02:31	23:07:14.5	+31:25:10	300	90	3.0	0 Calibration	2	
0051.BDp284211	150	03:10	21:51:11.0	+28:51:50	300	90	3.0	#56 Spectropho	2	clouds cleared... soft seeing
0052.COMP	10	03:13	21:51:11.0	+28:51:50	300	90	3.0	0 Calibration	2	
0053.BDp174708	80	03:15	22:11:31.4	+18:05:34	300	90	3.0	#56 Spectropho	2	
0054.COMP	10	03:17	22:11:31.4	+18:05:34	300	90	3.0	0 Calibration	2	
0055.snASASSN-15sf	2400	03:21	00:11:27.6	-06:25:38	300	89	3.0	#220 ASASSN Tr	2	
0056.COMP	10	04:01	00:11:27.6	-06:25:38	300	90	3.0	0 Calibration	2	
0057.PS15cku	1800	04:08	01:24:22.5	+03:35:15	300	102	3.0	#2 SN Observat	2	
0058.COMP	10	04:39	01:24:22.5	+03:35:15	300	102	3.0	0 Calibration	2	
0059.snASASSN-15rw	1800	04:43	02:15:58.1	+12:14:15	300	91	3.0	#220 ASASSN Tr	2	
0060.COMP	10	05:14	02:15:58.1	+12:14:15	300	91	3.0	0 Calibration	2	
0061.M31	60	05:16	00:42:44.3	+41:16:09	300	91	3.0	#57 Velocity S	2	
0062.COMP	10	05:17	00:42:44.3	+41:16:09	300	91	3.0	0 Calibration	2	
0063.LSPMJ2051+5922	900	05:27	20:51:57.9	+59:22:48	600	90	2.0	#222 M dwarfs	2	
0064.COMP	10	05:43	20:51:57.9	+59:22:48	600	90	2.0	0 Calibration	2	
0065.LSPMJ2101+3957	1800	05:46	21:01:33.4	+39:57:04	600	90	2.0	#222 M dwarfs	2	
0066.COMP	10	06:17	21:01:33.4	+39:57:04	600	90	2.0	0 Calibration	2	

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File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0067.LSPMJ2216+5439	720	06:19	22:16:02.6	+54:39:59	600	90	2.0	#222 M dwarfs	2	
0068.COMP	10	06:32	22:16:02.6	+54:39:59	600	90	2.0	0 Calibration	2	
0069.LSPMJ2200+7949	900	06:34	22:00:47.0	+79:49:25	600	91	2.0	#222 M dwarfs	2	
0070.COMP	10	06:50	22:00:47.0	+79:49:25	600	90	2.0	0 Calibration	2	
0071.LSPMJ2210+4250	1500	06:52	22:10:21.9	+42:50:58	600	90	2.0	#222 M dwarfs	2	
0072.COMP	10	07:17	22:10:21.9	+42:50:58	600	91	2.0	0 Calibration	2	
0073.LSPMJ2331+0842N	1200	07:26	23:31:05.9	+08:42:31	600	90	2.0	#222 M dwarfs	2	
0074.COMP	10	07:46	23:31:05.9	+08:42:31	600	90	2.0	0 Calibration	2	
0075.LSPMJ2338+2101W	840	07:48	23:38:55.7	+21:01:22	600	90	2.0	#222 M dwarfs	2	
0076.COMP	10	08:03	23:38:55.7	+21:01:22	600	90	2.0	0 Calibration	2	
0077.HD19445	20	08:06	03:08:25.6	+26:19:51	600	90	2.0	#56 Spectropho	2	
0078.COMP	10	08:07	03:08:25.6	+26:19:51	600	90	2.0	0 Calibration	2	
0079-0088.FLAT	12	08:49	05:08:18.5	+75:38:15	600	90	2.0	0 Calibration	2	
0089.LSPMJ0508+7538	900	09:09	05:08:18.5	+75:38:15	600	90	2.0	#222 M dwarfs	2	
0090.COMP	10	09:25	05:08:18.5	+75:38:15	600	90	2.0	0 Calibration	2	
0091.PM_I06504-2135	2400	09:29	06:50:26.6	-21:35:58	600	90	2.0	#222 M dwarfs	2	
0092.COMP	10	10:09	06:50:26.6	-21:35:58	600	90	2.0	0 Calibration	2	
0093.LSPMJ0516+5640	2400	10:13	05:16:53.5	+56:40:19	600	90	2.0	#222 M dwarfs	2	
0094.COMP	10	10:53	05:16:53.5	+56:40:19	600	90	2.0	0 Calibration	2	
0095.LSPMJ0731+0249	1800	10:57	07:31:29.5	+02:49:08	600	90	2.0	#222 M dwarfs	2	

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File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0096.COMP	10	11:27	07:31:29.5	+02:49:08	600	89	2.0	0 Calibration	2	
0097.LSPMJ0722+0851	1500	11:29	07:22:17.5	+08:51:57	600	89	2.0	#222 M dwarfs	2	
0098.COMP	10	11:54	07:22:17.5	+08:51:57	600	89	2.0	0 Calibration	2	
0099.COMP	5	11:58	07:22:17.5	+08:51:57	300	89	3.0	0 Calibration	2	test
0100.COMP	5	11:59	07:22:17.5	+08:51:57	300	89	3.0	0 Calibration	2	
0101.COMP	5	12:01	07:22:17.5	+08:51:57	300	89	3.0	0 Calibration	2	
0102.snPSN091008	1800	12:04	09:10:08.8	+50:03:40	300	105	3.0	#2 SN Observat	2	
0103.COMP	10	12:35	09:10:08.8	+50:03:40	300	105	3.0	0 Calibration	2	
0104.snASASSN-15so	300	12:37	11:14:11.0	+48:19:07	300	91	3.0	#220 ASASSN Tr	2	
0105.COMP	10	12:44	11:14:11.0	+48:19:07	300	91	3.0	0 Calibration	2	
0106.Feige34	180	12:45	10:39:36.7	+43:06:09	300	91	3.0	#56 Spectropho	2	
0107.COMP	10	12:49	10:39:36.7	+43:06:09	300	91	3.0	0 Calibration	2	
0108.HD84937	20	12:51	09:48:56.1	+13:44:39	300	91	3.0	#56 Spectropho	2	
0109.COMP	10	12:52	09:48:56.1	+13:44:39	300	91	3.0	0 Calibration	2	
0110.N3377	240	12:54	10:47:42.4	+13:59:08	300	91	3.0	#57 Velocity S	2	
0111.COMP	10	12:58	10:47:42.4	+13:59:08	300	91	3.0	0 Calibration	2	
0112-0121.BIAS	0	13:02	10:47:42.4	+13:59:08	300	91	3.0	0 Calibration	2	
0122-0141.FLAT	7	13:13	10:47:42.4	+13:59:08	300	91	3.0	0 Calibration	2	
0142-0151.DARK	900	15:33	10:47:42.4	+13:59:08	300	91	3.0	0 Calibration	2	

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File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0001-0006.DARK	900	00:42	10:47:42.4	+13:59:08	300	91	3.0	0 Calibration	4	
0007-0016.BIAS	0	01:00	10:47:42.4	+13:59:08	300	91	3.0	0 Calibration	4	
0017-0036.FLAT	7	01:11	10:47:42.4	+13:59:08	300	91	3.0	0 Calibration	2	
0037-0046.BIAS	0	01:14	10:47:42.4	+13:59:08	300	91	3.0	0 Calibration	2	
0047.BDp284211	150	01:23	21:51:11.0	+28:51:50	300	91	3.0	#56 Spectropho	2	
0048.COMP	10	01:26	21:51:11.0	+28:51:50	300	91	3.0	0 Calibration	2	
0049.BDp174708	45	01:28	22:11:31.4	+18:05:34	300	91	3.0	#56 Spectropho	2	
0050.COMP	10	01:29	22:11:31.4	+18:05:34	300	91	3.0	0 Calibration	2	
0051.N7331	240	01:30	22:37:04.1	+34:24:56	300	91	3.0	#57 Velocity S	2	
0052.COMP	10	01:35	22:37:04.1	+34:24:56	300	91	3.0	0 Calibration	2	
0053.AWI0005bk2	100	01:42	17:29:12.4	+00:56:05	300	91	3.0	#219 Disk Dete	2	
0054.AWI0005bk2	15	01:44	17:29:12.4	+00:56:05	300	91	3.0	#219 Disk Dete	2	
0055.COMP	10	01:45	17:29:12.4	+00:56:05	300	91	3.0	0 Calibration	2	
0056.AWI0002m6v	1200	01:48	18:29:55.3	+00:49:39	300	91	3.0	#219 Disk Dete	2	
0057.COMP	10	02:08	18:29:55.3	+00:49:39	300	90	3.0	0 Calibration	2	
0058.AWI00062h8	50	02:11	00:29:18.6	+09:52:31	300	90	3.0	#219 Disk Dete	2	
0059.COMP	10	02:13	00:29:18.6	+09:52:31	300	90	3.0	0 Calibration	2	
0060.snPSNJ2131237	1800	02:16	21:31:23.7	+43:36:31	300	90	3.0	#2 SN Observat	2	
0061.COMP	10	02:46	21:31:23.7	+43:36:31	300	90	3.0	0 Calibration	2	
0062.LSPMJ2234+2757	1500	03:00	22:34:47.2	+27:57:54	600	90	2.0	#222 M dwarfs	2	

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File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0063.COMP	10	03:28	22:34:47.2	+27:57:54	600	90	2.0	0 Calibration	2	
0064.LSPMJ2250+5136	1500	03:30	22:50:20.5	+51:36:26	600	90	2.0	#222 M dwarfs	2	
0065.COMP	10	03:55	22:50:20.5	+51:36:26	600	90	2.0	0 Calibration	2	
0066.LSPMJ2258+5705	1500	03:59	22:58:29.1	+57:05:06	600	90	2.0	#222 M dwarfs	2	
0067.COMP	10	04:24	22:58:29.1	+57:05:06	600	90	2.0	0 Calibration	2	
0068.LSPMJ2344+2242	2400	04:26	23:44:00.7	+22:42:03	600	90	2.0	#222 M dwarfs	2	
0069.COMP	10	05:08	23:44:00.7	+22:42:03	600	90	2.0	0 Calibration	2	
0070.LSPMJ2358+0443	1800	05:09	23:58:03.0	+04:43:18	600	90	2.0	#222 M dwarfs	2	
0071.COMP	10	05:40	23:58:03.0	+04:43:18	600	90	2.0	0 Calibration	2	
0072.HD19445	20	05:41	03:08:25.6	+26:19:51	600	90	2.0	#56 Spectropho	2	
0073.HD19445	40	05:43	03:08:25.6	+26:19:51	600	90	2.0	#56 Spectropho	2	
0074.COMP	10	05:44	03:08:25.6	+26:19:51	600	90	2.0	0 Calibration	2	
0075-0084.FLAT	12	05:49	03:08:25.6	+26:19:51	600	90	2.0	0 Calibration	2	
0085.snASASSN-15sf	1800	05:57	00:11:27.6	-06:25:38	300	90	3.0	#220 ASASSN Tr	2	
0086.COMP	10	06:28	00:11:27.6	-06:25:38	300	91	3.0	0 Calibration	2	
0087.PS15cku	1800	06:36	01:24:22.5	+03:35:15	300	105	3.0	#2 SN Observat	2	
0088.COMP	10	07:06	01:24:22.5	+03:35:15	300	105	3.0	0 Calibration	2	
0089.snASASSN-15rw	1800	07:09	02:15:58.1	+12:14:15	300	90	3.0	#220 ASASSN Tr	2	
0090.COMP	10	07:39	02:15:58.1	+12:14:15	300	90	3.0	0 Calibration	2	
0091.HD19445	10	07:41	03:08:25.6	+26:19:51	300	90	3.0	#56 Spectropho	2	

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File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0092.COMP	10	07:42	03:08:25.6	+26:19:51	300	90	3.0	0 Calibration	2	
0093.G191B2B	300	07:47	05:05:30.6	+52:49:52	300	88	3.0	#56 Spectropho	2	
0094.COMP	10	07:54	05:05:30.6	+52:49:52	300	89	3.0	0 Calibration	2	
0095-0104.FLAT	7	08:12	05:05:30.6	+52:49:52	300	89	3.0	0 Calibration	2	
0105-0114.FLAT	12	08:20	05:05:30.6	+52:49:52	600	89	1.5	0 Calibration	4	
0115.G191B2B	360	08:23	05:05:30.6	+52:49:52	600	90	1.5	#56 Spectropho	4	
0116.COMP	10	08:30	05:05:30.6	+52:49:52	600	90	1.5	0 Calibration	4	
0117.wd0752	1380	08:33	07:56:10.3	+41:04:54	600	89	1.5	#178 Low Mass	4	
0118.COMP	10	08:57	07:56:10.3	+41:04:54	600	89	1.5	0 Calibration	4	
0119.wd0752	1380	08:57	07:56:10.3	+41:04:54	600	89	1.5	#178 Low Mass	4	
0120.COMP	10	09:24	07:56:10.3	+41:04:54	600	89	1.5	0 Calibration	4	
0121.wd0752	1380	09:25	07:56:10.3	+41:04:54	600	89	1.5	#178 Low Mass	4	
0122.COMP	10	09:49	07:56:10.3	+41:04:54	600	89	1.5	0 Calibration	4	
0123.wd0752	1380	09:49	07:56:10.3	+41:04:54	600	89	1.5	#178 Low Mass	4	
0124.COMP	10	10:13	07:56:10.3	+41:04:54	600	90	1.5	0 Calibration	4	
0125.k0758	1020	10:17	07:58:04.6	+47:54:06	600	90	1.5	#178 Low Mass	4	
0126.COMP	10	10:35	07:58:04.6	+47:54:06	600	90	1.5	0 Calibration	4	
0127.k0758	1020	10:37	07:58:04.6	+47:54:06	600	90	1.5	#178 Low Mass	4	
0128.COMP	10	10:54	07:58:04.6	+47:54:06	600	90	1.5	0 Calibration	4	
0129.k0758	1020	10:55	07:58:04.6	+47:54:06	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
0130.COMP	10	11:13	07:58:04.6	+47:54:06	600	90	1.5	0 Calibration	4	
0131.k0758	1020	11:14	07:58:04.6	+47:54:06	600	90	1.5	#178 Low Mass	4	
0132.COMP	10	11:31	07:58:04.6	+47:54:06	600	90	1.5	0 Calibration	4	
0133.snPSN091008	1800	11:49	09:10:08.8	+50:03:40	300	105	3.0	#2 SN Observat	2	
0134.COMP	10	12:20	09:10:08.8	+50:03:40	300	105	3.0	0 Calibration	2	
0135.sn2015an	1500	12:23	08:24:15.0	-18:46:28	300	91	3.0	#2 SN Observat	2	
0136.COMP	10	12:49	08:24:15.0	-18:46:28	300	90	3.0	0 Calibration	2	
0137.snASASSN-15so	300	12:51	11:14:11.0	+48:19:07	300	88	3.0	#220 ASASSN Tr	2	
0138.COMP	10	12:57	11:14:11.0	+48:19:07	300	89	3.0	0 Calibration	2	
0139.Feige34	150	12:58	10:39:36.7	+43:06:09	300	89	3.0	#56 Spectropho	2	
0140.COMP	10	13:01	10:39:36.7	+43:06:09	300	90	3.0	0 Calibration	2	
0141.HD84937	10	13:02	09:48:56.1	+13:44:39	300	90	3.0	#56 Spectropho	2	
0142.COMP	10	13:03	09:48:56.1	+13:44:39	300	90	3.0	0 Calibration	2	
0143-0152.BIAS	0	13:06	09:48:56.1	+13:44:39	300	90	3.0	0 Calibration	2	
0153-0172.FLAT	7	13:15	09:48:56.1	+13:44:39	300	90	3.0	0 Calibration	2	
0173-0182.DARK	900	15:34	09:48:56.1	+13:44:39	300	90	3.0	0 Calibration	2	