

UT Date 2018-11-11 Observers Lambert/MacriColl. Focus 1320 Grating/Grism 300

File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0001-0010.BIAS	0	00:27	09:25:12.9	+52:17:10	300	89	3.0	0 Calibration	2	
0011-0020.BIAS	0	00:29	09:25:12.9	+52:17:10	300	89	3.0	0 Calibration	4	
0021-0030.FLAT	12	00:34	09:25:12.9	+52:17:10	300	89	3.0	0 Calibration	2	
0031-0040.FLAT	6	00:37	09:25:12.9	+52:17:10	300	89	3.0	0 Calibration	4	
0041.21060867+4532092	900	01:45	21:06:08.7	+45:32:09	300	89	3.0	#141 2MASS Red	4	
0042.21060867+4532092	900	02:01	21:06:08.7	+45:32:09	300	89	3.0	#141 2MASS Red	4	
0043.COMP	5	02:17	21:06:08.7	+45:32:09	300	89	3.0	0 Calibration	4	
0044.21071353+4456529	900	02:22	21:07:13.5	+44:56:53	300	89	3.0	#141 2MASS Red	4	
0045.21071353+4456529	900	02:38	21:07:13.5	+44:56:53	300	89	3.0	#141 2MASS Red	4	
0046.21071353+4456529	900	02:56	21:07:13.5	+44:56:53	300	89	3.0	#141 2MASS Red	4	
0047.COMP	5	03:11	21:07:13.5	+44:56:53	300	89	3.0	0 Calibration	4	
0048.21084767+4354039	900	03:18	21:08:47.7	+43:54:04	300	89	3.0	#141 2MASS Red	4	
0049.COMP	5	03:35	21:08:47.7	+43:54:04	300	90	3.0	0 Calibration	4	
0050.21081300+4403398	900	03:43	21:08:13.0	+44:03:40	300	90	3.0	#141 2MASS Red	4	
0051.21081300+4403398	900	04:04	21:08:13.0	+44:03:40	300	90	3.0	#141 2MASS Red	4	
0052.COMP	5	04:20	21:08:13.0	+44:03:40	300	88	3.0	0 Calibration	4	
0053.21162340+4547366	900	04:24	21:16:23.4	+45:47:37	300	88	3.0	#141 2MASS Red	4	
0054.21162340+4547366	900	04:41	21:16:23.4	+45:47:37	300	88	3.0	#141 2MASS Red	4	
0055.21162340+4547366	900	04:57	21:16:23.4	+45:47:37	300	88	3.0	#141 2MASS Red	4	
0056.COMP	5	05:13	21:16:23.4	+45:47:37	300	89	3.0	0 Calibration	4	

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0057.21181305+4526187	900	05:18	21:18:13.1	+45:26:19	300	89	3.0	#141 2MASS Red	4	
0058.COMP	5	05:35	21:18:13.1	+45:26:19	300	89	3.0	0 Calibration	4	
0059.21214731+4414419	900	05:51	21:21:47.3	+44:14:42	300	89	3.0	#141 2MASS Red	4	
0060.COMP	5	06:07	21:21:47.3	+44:14:42	300	89	3.0	0 Calibration	4	
0061.02132797+6316450	900	06:16	02:13:28.0	+63:16:45	300	89	3.0	#141 2MASS Red	4	
0062.02132797+6316450	900	06:35	02:13:28.0	+63:16:45	300	89	3.0	#141 2MASS Red	4	
0063.COMP	5	06:51	02:13:28.0	+63:16:45	300	88	3.0	0 Calibration	4	
0064.AT2018hsb	1800	07:13	01:18:00.2	+02:03:28	300	88	3.0	#225	2	
0065.AT2018hsb	1800	07:44	01:18:00.2	+02:03:28	300	88	3.0	#225	2	
0066.AT2018hsb	1800	08:14	01:18:00.2	+02:03:28	300	88	3.0	#225	2	
0067.COMP	10	08:45	01:18:00.2	+02:03:28	300	86	3.0	0 Calibration	2	
0068.04371939+2447120	360	08:55	04:37:19.4	+24:47:12	300	89	3.0	#141 2MASS Red	4	
0069.COMP	5	09:02	04:37:19.4	+24:47:12	300	89	3.0	0 Calibration	4	
0070.04292839+3849211	360	09:05	04:29:28.4	+38:49:21	300	89	3.0	#141 2MASS Red	4	
0070.04292839+3849211q.ms	360	09:05	04:29:28.4	+38:49:21	300	89	3.0	#141 2MASS Red	1	
0071.04292839+3849211	360	09:14	04:29:28.4	+38:49:21	300	89	3.0	#141 2MASS Red	4	
0072.COMP	5	09:20	04:29:28.4	+38:49:21	300	88	3.0	0 Calibration	4	
0073.04124692+3835153	900	09:28	04:12:46.9	+38:35:15	300	88	3.0	#141 2MASS Red	4	
0073.04124692+3835153q.ms	900	09:28	04:12:46.9	+38:35:15	300	88	3.0	#141 2MASS Red	1	
0074.COMP	5	09:49	05:43:02.4	+16:20:59	300	89	3.0	0 Calibration	4	

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0075.05430236+1620591	900	09:52	05:43:02.4	+16:20:59	300	89	3.0	#141 2MASS Red	4	
0075.05430236+1620591q.ms	900	09:52	05:43:02.4	+16:20:59	300	89	3.0	#141 2MASS Red	1	
0076.COMP	5	10:08	05:43:02.4	+16:20:59	300	89	3.0	0 Calibration	4	
0077.04580946+5134192	900	10:14	04:58:09.5	+51:34:19	300	89	3.0	#141 2MASS Red	4	
0078.04580946+5134192	900	10:30	04:58:09.5	+51:34:19	300	89	3.0	#141 2MASS Red	4	
0079.COMP	5	10:47	04:58:09.5	+51:34:19	300	88	3.0	0 Calibration	4	
0080.04542558+5203496	900	10:55	04:54:25.6	+52:03:50	300	88	3.0	#141 2MASS Red	4	
0080.04542558+5203496q.ms	900	10:55	04:54:25.6	+52:03:50	300	88	3.0	#141 2MASS Red	1	
0081.04542558+5203496	1200	11:13	04:54:25.6	+52:03:50	300	88	3.0	#141 2MASS Red	4	
0081.04542558+5203496q.ms	1200	11:13	04:54:25.6	+52:03:50	300	88	3.0	#141 2MASS Red	1	
0082.COMP	5	11:34	04:54:25.6	+52:03:50	300	88	3.0	0 Calibration	4	
0083.04523985+5203046	900	11:38	04:52:39.8	+52:03:05	300	88	3.0	#141 2MASS Red	4	
0084.04523985+5203046	900	11:53	04:52:39.8	+52:03:05	300	88	3.0	#141 2MASS Red	4	
0085.COMP	5	12:09	04:52:39.8	+52:03:05	300	88	3.0	0 Calibration	4	
0086.Mkn110	300	12:15	09:25:12.9	+52:17:10	300	88	3.0	#227 Changing-	2	
0086.Mkn110q.ms	300	12:15	09:25:12.9	+52:17:10	300	88	3.0	#227 Changing-	1	
0087.Mkn110	300	12:20	09:25:12.9	+52:17:10	300	88	3.0	#227 Changing-	2	
0088.Mkn110	300	12:25	09:25:12.9	+52:17:10	300	88	3.0	#227 Changing-	2	
0089.COMP	10	12:31	09:25:12.9	+52:17:10	300	87	3.0	0 Calibration	2	
comp300+600.ms	10	05:47	10:39:36.9	+43:06:11	300	90	3.0	#56 Spectropho	1	



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gal	360	09:05	04:29:28.4	+38:49:21	300	89	3.0	#141 2MASS Red	1	