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File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0001-0010.BIAS	0	1:06	03:17:43.0	31:29:57	300	90	3.0	#57 Velocity S	4	
0011-0020.FLAT	8	1:09	03:20:37.0	31:29:57	300	90	3.0	#57 Velocity S	4	
0021.BIAS	0	1:09	03:21:20.0	31:29:57	300	90	3.0	#57 Velocity S	2	solid clouds @ sunset
0022-0030.BIAS	0	1:11	03:23:17.0	31:29:57	300	90	3.0	#57 Velocity S	2	
0031-0040.FLAT	16	1:16	03:28:34.0	31:29:58	300	90	3.0	#57 Velocity S	2	
0041.sn2002ap	1200	1:16	01:36:23.8	+15:45:13	300	62	3.0	#2 SN Observat	2	sucker hole
0042.COMP	10	1:16	01:36:23.8	+15:45:13	300	62	3.0	#2 SN Observat	2	
0043.BGGem	1200	1:16	6:03:31	27:41:50	300	90	3.0	#100 BGGem	2	
0044.BGGem	420	1:16	6:03:31	27:41:50	300	90	3.0	#100 BGGem	2	
0045.COMP	10	1:16	6:03:31	27:41:50	300	90	3.0	#100 BGGem	2	
0046.Hiltner600	60	1:16	06:42:37.2	02:11:25	300	-25	3.0	#56 Spectropho	2	
0047.Hiltner600	60	1:16	06:42:37.2	02:11:25	300	-25	3.0	#56 Spectropho	2	
0048.Hiltner600	60	1:16	06:42:37.2	02:11:25	300	-25	3.0	#56 Spectropho	2	
0049.COMP	10	1:16	06:42:37.2	02:11:25	300	-25	3.0	#56 Spectropho	2	
0050.HD52971	4	1:16	06:57:51	+27:13:42	300	90	3.0	#57 Velocity S	4	
0051.HD52971	4	1:16	06:57:51	+27:13:42	300	90	3.0	#57 Velocity S	4	
0052.HD52971	4	1:16	06:57:51	+27:13:42	300	90	3.0	#57 Velocity S	4	
0053.COMP	5	1:16	06:57:51	+27:13:42	300	90	3.0	#57 Velocity S	4	clouds
0054.BIAS	0	1:16	06:57:51	+27:13:42	600	90	2.0	M67	4	
0055.COMP	10	1:16	06:57:51	+27:13:42	600	90	2.0	#10 M67	4	

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File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bir	Comments
0056.FLAT	55	1:16	06:57:51	+27:13:42	600	90	2.0	M67	2	600-line grating, 2-sec slit
0057-0075.FLAT	55	4:19	06:57:51	+27:13:42	600	90	2.0	M67	2	
0076.m67_6510	420	4:19	8:52:10.7	11:44:05	600	-45	2.0	#10 M67 stars	2	
0077.COMP	10	4:19	8:52:10.7	11:44:05	600	-45	2.0	#10 M67 stars	2	
0078.m67_6497	240	4:19	8:51:43.5	11:44:26	600	-45	2.0	#10 M67 stars	2	clearing nicely and great seeing
0079.COMP	10	4:19	8:51:43.5	11:44:26	600	-45	2.0	#10 M67 stars	2	
0080.m67_6508	240	4:19	8:52:10.9	11:31:49	600	-45	2.0	#10 M67 stars	2	
0081.COMP	10	4:19	8:52:10.9	11:31:49	600	-45	2.0	#10 M67 stars	2	
0082.m67_6490	240	4:19	8:51:27.0	11:51:52	600	-45	2.0	#10 M67 stars	2	
0083.COMP	10	4:19	8:51:27.0	11:51:52	600	-45	2.0	#10 M67 stars	2	
0084.m67_6501	240	4:19	8:51:32.5	11:48:51	600	-38	2.0	#10 M67 stars	2	
0085.COMP	10	4:19	8:51:32.5	11:48:51	600	-38	2.0	#10 M67 stars	2	
0086.m67_6480	300	4:19	8:51:14.3	11:45:00	600	-38	2.0	#10 M67 stars	2	
0087.COMP	10	4:19	8:51:14.3	11:45:00	600	-38	2.0	#10 M67 stars	2	
0088.m67_6489	300	4:19	8:51:17.0	11:50:46	600	-30	2.0	#10 M67 stars	2	
0089.COMP	10	4:19	8:51:17.0	11:50:46	600	-30	2.0	#10 M67 stars	2	
0090.m67_6496	360	4:19	8:51:46.0	11:36:18	600	-30	2.0	#10 M67 stars	2	
0091.COMP	10	4:19	8:51:46.0	11:36:18	600	-30	2.0	#10 M67 stars	2	
0092.m67_6491	360	4:19	8:51:21.7	11:52:37	600	-30	2.0	#10 M67 stars	2	
0093.COMP	10	4:19	8:51:21.7	11:52:37	600	-30	2.0	#10 M67 stars	2	

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0094.m67_6089	900	4:19	8:51:42.4	11:49:51	600	-20	2.0	#10 M67 stars	2	
0095.COMP	10	4:19	8:51:42.4	11:49:51	600	-20	2.0	#10 M67 stars	2	
0096.m67_5790	900	4:19	8:51:25.3	11:47:34	600	-10	2.0	#10 M67 stars	2	
0097.COMP	10	4:19	8:51:25.3	11:47:34	600	-10	2.0	#10 M67 stars	2	
0098.m67_5451	900	4:19	8:51:07.2	11:53:01	600	-10	2.0	#10 M67 stars	2	pa=0
0099.COMP	10	4:19	8:51:07.2	11:53:01	600	-10	2.0	#10 M67 stars	2	
0100.m67_5643	900	4:19	8:51:18.6	11:47:02	600	10	2.0	#10 M67 stars	2	
0101.COMP	10	4:19	8:51:18.6	11:47:02	600	10	2.0	#10 M67 stars	2	
0102.m67_5348	900	4:19	8:51:00.8	11:39:37	600	20	2.0	#10 M67 stars	2	
0103.COMP	10	4:19	8:51:00.8	11:39:37	600	20	2.0	#10 M67 stars	2	
0104.m67_5041	900	4:19	8:50:34.3	11:39:56	600	20	2.0	#10 M67 stars	2	
0105.COMP	10	4:19	8:50:34.3	11:39:56	600	20	2.0	#10 M67 stars	2	
0106.m67_5929	900	4:19	8:51:32.4	11:47:52	600	35	2.0	#10 M67 stars	2	
0107.COMP	10	4:19	8:51:32.4	11:47:52	600	35	2.0	#10 M67 stars	2	
0108.Feige34	300	4:19	10:36:41.2	43:21:50	600	30	2.0	#10 M67 stars	2	
0109.Feige34	300	4:19	10:36:41.2	43:21:50	600	30	2.0	#10 M67 stars	2	
0110.COMP	10	4:19	10:36:41.2	43:21:50	600	30	2.0	#10 M67 stars	2	
0111.HD91752	4	4:19	10:33:29.6	+36:35:12	600	0	2.0	#10 M67 stars	2	
0112.HD91752	4	4:19	10:33:29.6	+36:35:12	600	0	2.0	#10 M67 stars	2	
0113.HD91752	4	4:19	10:33:29.6	+36:35:12	600	0	2.0	#10 M67 stars	2	

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File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bir	Comments
0114.COMP	10	4:19	10:33:29.6	+36:35:12	600	0	2.0	#10 M67 stars	2	
0115.HD95128	4	4:19	10:56:40.3	+40:41:51	600	0	2.0	#10 M67 stars	2	
0116.HD95128	2	4:19	10:56:40.3	+40:41:51	600	0	2.0	#10 M67 stars	2	
0117.HD95128	2	4:19	10:56:40.3	+40:41:51	600	0	2.0	#10 M67 stars	2	
0118.HD95128	2	4:19	10:56:40.3	+40:41:51	600	0	2.0	#10 M67 stars	2	
0119.COMP	10	4:19	10:56:40.3	+40:41:51	600	0	2.0	#10 M67 stars	2	
0120.HD92588	4	4:19	10:38:51.5	-01:28:41	600	0	2.0	#10 M67 stars	2	
0121.HD92588	4	4:19	10:38:51.5	-01:28:41	600	0	2.0	#10 M67 stars	2	
0122.HD92588	4	4:19	10:38:51.5	-01:28:41	600	0	2.0	#10 M67 stars	2	
0123.COMP	10	4:19	10:38:51.5	-01:28:41	600	0	2.0	#10 M67 stars	2	
0124.HD96436	2	4:19	11:04:21.1	+02:13:38	600	0	2.0	#10 M67 stars	2	
0125.HD96436	2	4:19	11:04:21.1	+02:13:38	600	0	2.0	#10 M67 stars	2	
0126.HD96436	2	4:19	11:04:21.1	+02:13:38	600	0	2.0	#10 M67 stars	2	
0127.COMP	10	4:19	11:04:21.1	+02:13:38	600	0	2.0	#10 M67 stars	2	
0128.m67_5571	900	4:19	8:51:15.4	11:47:31	600	50	2.0	#10 M67 stars	2	
0129.COMP	10	4:19	8:51:15.4	11:47:31	600	50	2.0	#10 M67 stars	2	
0130.m67_5853	900	4:19	8:51:28.8	11:51:59	600	50	2.0	#10 M67 stars	2	
0131.COMP	10	4:19	8:51:28.8	11:51:59	600	50	2.0	#10 M67 stars	2	
0132.m67_6228	900	4:19	8:51:52.5	12:04:23	600	57	2.0	#10 M67 stars	2	
0133.COMP	10	4:19	8:51:52.5	12:04:23	600	57	2.0	#10 M67 stars	2	

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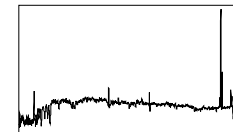
File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bir	Comments
0134.BIAS	0	4:19	10:36:41.2	43:21:50	300	90	3.0	#10 M67 stars	2	
0135.Feige34	120	4:19	10:36:41.2	43:21:50	300	90	3.0	#56 Spectropho	2	300-line; 3-sec slit
0136.Feige34	120	4:19	10:36:41.2	43:21:50	300	90	3.0	#56 Spectropho	2	
0137.COMP	10	4:19	10:36:41.2	43:21:50	300	90	3.0	#56 Spectropho	2	normal combo setup
0138.MRK421	300	4:19	11:04:27.4	+38:12:32	300	90	3.0	#133 MRK421	2	
0139.MRK421	300	4:19	11:04:27.4	+38:12:32	300	90	3.0	#133 MRK421	2	
0140.MRK421	300	4:19	11:04:27.4	+38:12:32	300	90	3.0	#133 MRK421	2	
0141.COMP	10	4:19	11:04:27.4	+38:12:32	300	90	3.0	#133 MRK421	2	
0142.sn2002ar	1200	4:19	11:37:43.9	+22:00:34	300	30	3.0	#2 SN Observat	2	
0143.COMP	10	4:19	11:37:43.9	+22:00:34	300	30	3.0	#2 SN Observat	2	
0144.N4051	120	4:19	12:03:09.7	+44:31:53	300	90	3.0	#6 AGN Monitor	4	
0145.N4051	120	4:19	12:03:09.7	+44:31:53	300	90	3.0	#6 AGN Monitor	4	
0146.COMP	5	4:19	12:03:09.7	+44:31:53	300	90	3.0	#6 AGN Monitor	4	
0147.N4151	30	4:19	12:10:32.6	+39:24:21	300	90	3.0	#6 AGN Monitor	4	
0148.N4151	30	4:19	12:10:32.6	+39:24:21	300	90	3.0	#6 AGN Monitor	4	
0149.COMP	5	4:19	12:10:32.6	+39:24:21	300	90	3.0	#6 AGN Monitor	4	
0150.N3227	120	4:19	10:23:30.6	+19:51:54	300	63	3.0	#6 AGN Monitor	4	
0151.N3227	120	4:19	10:23:30.6	+19:51:54	300	63	3.0	#6 AGN Monitor	4	
0152.N3227	120	4:19	10:23:30.6	+19:51:54	300	63	3.0	#6 AGN Monitor	4	
0153.COMP	5	4:19	10:23:30.6	+19:51:54	300	63	3.0	#6 AGN Monitor	4	

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0154.comas_001	300	4:19	12:27:10.0	26:57:26	300	63	3.0	#64f Cluster I	4	PA=90
0155.COMP	5	4:19	12:27:10.0	26:57:26	300	63	3.0	#64f Cluster I	4	
0156.comas_002	300	4:19	12:27:41.8	28:41:53	300	63	3.0	#64f Cluster I	4	
0157.COMP	5	4:19	12:27:41.8	28:41:53	300	63	3.0	#64f Cluster I	4	
0158.comas_003	360	4:19	12:31:38.6	27:29:43	300	63	3.0	#64f Cluster I	4	
0159.COMP	5	4:19	12:31:38.6	27:29:43	300	63	3.0	#64f Cluster I	4	
0160.comas_004	480	4:19	12:34:17.2	27:27:08	300	63	3.0	#64f Cluster I	4	
0161.COMP	5	4:19	12:34:17.2	27:27:08	300	63	3.0	#64f Cluster I	4	
0162.comas_005	420	4:19	12:35:41.7	26:13:19	300	63	3.0	#64f Cluster I	4	
0163.COMP	5	4:19	12:35:41.7	26:13:19	300	63	3.0	#64f Cluster I	4	
0164.comas_006	360	4:19	12:35:58.5	26:57:57	300	63	3.0	#64f Cluster I	4	
0165.COMP	5	4:19	12:35:58.5	26:57:57	300	63	3.0	#64f Cluster I	4	
0166.comas_007	90	4:19	12:36:30.4	26:12:01	300	63	3.0	#64f Cluster I	4	
0167.COMP	5	4:19	12:36:30.4	26:12:01	300	63	3.0	#64f Cluster I	4	
0168.comas_008	240	4:19	12:36:38.0	24:25:43	300	63	3.0	#64f Cluster I	4	
0169.COMP	5	4:19	12:36:38.0	24:25:43	300	63	3.0	#64f Cluster I	4	
0170.comas_009	720	4:19	12:36:48.4	27:32:55	300	63	3.0	#64f Cluster I	4	
0171.COMP	5	4:19	12:36:48.4	27:32:55	300	63	3.0	#64f Cluster I	4	
0172.comas_010	600	4:19	12:37:55.4	34:01:20	300	63	3.0	#64f Cluster I	4	
0173.COMP	5	4:19	12:37:55.4	34:01:20	300	63	3.0	#64f Cluster I	4	

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0174.comas_011	240	4:19	12:38:04.5	33:27:31	300	63	3.0	#64f Cluster I	4	
0175.COMP	5	4:19	12:38:04.5	33:27:31	300	63	3.0	#64f Cluster I	4	
0176.comas_012	420	4:19	12:38:13.3	28:56:13	300	63	3.0	#64f Cluster I	4	
0177.COMP	5	4:19	12:38:13.3	28:56:13	300	63	3.0	#64f Cluster I	4	
0178.comas_013	420	4:19	12:39:18.0	27:54:31	300	63	3.0	#64f Cluster I	4	
0179.COMP	5	4:19	12:39:18.0	27:54:31	300	63	3.0	#64f Cluster I	4	
0180.comas_014	420	4:19	12:39:18.4	31:59:23	300	63	3.0	#64f Cluster I	4	
0181.COMP	5	4:19	12:39:18.4	31:59:23	300	63	3.0	#64f Cluster I	4	
0182.comas_015	270	4:19	12:39:18.5	28:54:15	300	63	3.0	#64f Cluster I	4	
0183.COMP	5	4:19	12:39:18.5	28:54:15	300	63	3.0	#64f Cluster I	4	
0184.comas_016	420	4:19	12:41:08.8	29:32:16	300	63	3.0	#64f Cluster I	4	
0185.COMP	5	4:19	12:41:08.8	29:32:16	300	63	3.0	#64f Cluster I	4	
0186.comas_017	900	4:19	12:42:47.5	33:17:15	300	63	3.0	#64f Cluster I	4	PA=90
0187.COMP	5	4:19	12:42:47.5	33:17:15	300	63	3.0	#64f Cluster I	4	
0188.N5548	150	4:19	14:17:59.6	+25:08:12	300	55	3.0	#6 AGN Monitor	4	
0189.N5548	150	4:19	14:17:59.6	+25:08:12	300	55	3.0	#6 AGN Monitor	4	
0190.COMP	5	4:19	14:17:59.6	+25:08:12	300	55	3.0	#6 AGN Monitor	4	
0191.N4853	300	4:19	12:58:35.1	+27:35:47	300	90	3.0	#57 Velocity S	4	
0192.COMP	5	4:19	12:58:35.1	+27:35:47	300	90	3.0	#57 Velocity S	4	
0193.BDp332642	90	4:19	15:50:03	33:05:49	300	90	3.0	#56 Spectropho	4	

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0194.BDp332642	90	4:19	15:50:03	33:05:49	300	90	3.0	#56 Spectropho	4	
0195.COMP	5	4:19	15:50:03	33:05:49	300	90	3.0	#56 Spectropho	4	
0196.BIAS	0	4:19	15:50:03	33:05:49	300	90	3.0	#57 Velocity S	4	a few thin clouds @ dawn
0197-0205.BIAS	0	13:09	15:50:03	33:05:49	300	90	3.0	#57 Velocity S	4	
0206-0215.FLAT	8	13:11	15:50:03	33:05:49	300	90	3.0	#57 Velocity S	4	
0216-0225.BIAS	0	13:14	15:50:03	33:05:49	300	90	3.0	#57 Velocity S	2	
0226-0235.FLAT	16	13:19	15:50:03	33:05:49	300	90	3.0	#57 Velocity S	2	
0236-0245.DARK	1200	16:22	15:50:03	33:05:49	300	90	3.0	#57 Velocity S	2	