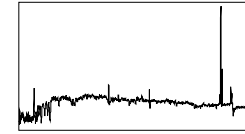


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File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bir	Comments
0001-0008.DARK	900	0:41	15:50:03	33:05:49	300	90	3.0	#57 Velocity S	4	
0009-0020.BIAS	0	0:58	15:50:03	33:05:49	300	90	3.0	#57 Velocity S	4	
0021-0030.FLAT	8	1:01	15:50:03	33:05:49	300	90	3.0	#57 Velocity S	4	
0031-0040.BIAS	0	1:04	15:50:03	33:05:49	300	90	3.0	#57 Velocity S	2	
0041-0050.FLAT	16	1:09	15:50:03	33:05:49	300	90	3.0	#57 Velocity S	2	
0051.sky	3	1:23	3:40:00	32:00:00	300	90	3.0	#57 Velocity S	4	lots of thin clouds
0052-0055.sky	3	1:24	3:40:00	32:00:00	300	90	3.0	#57 Velocity S	4	
0056.COMP	5	1:25	3:40:00	32:00:00	300	90	3.0	#57 Velocity S	4	
0057.NGC1700	240	2:03	04:56:58.1	-04:52:22	300	90	3.0	#57 Velocity S	4	
0058.COMP	5	2:08	04:56:58.1	-04:52:22	300	90	3.0	#57 Velocity S	4	
0059.sn2002ap	540	2:10	01:36:23.8	+15:45:13	300	65	3.0	#2 SN Observat	2	
0060.sn2002ap	540	2:19	01:36:23.8	+15:45:13	300	63	3.0	#2 SN Observat	2	
0061.COMP	10	2:29	01:36:23.8	+15:45:13	300	63	3.0	#2 SN Observat	2	
0062.2MJ0348404p794038	900	2:32	03:48:40.4	+79:40:38	300	90	3.0	#68 2MASS Reds	4	hi Susan, happy Friday
0063.COMP	5	2:48	03:48:40.4	+79:40:38	300	90	3.0	#68 2MASS Reds	4	
0064.2MJ0357358p754114	600	2:49	03:57:35.8	+75:41:14	300	90	3.0	#68 2MASS Reds	4	
0065.COMP	5	2:59	03:57:35.8	+75:41:14	300	90	3.0	#68 2MASS Reds	4	
0066.2MJ0403588p695134	360	3:00	04:03:58.8	+69:51:34	300	90	3.0	#68 2MASS Reds	4	
0067.COMP	5	3:07	04:03:58.8	+69:51:34	300	90	3.0	#68 2MASS Reds	4	
0068.2MJ0404535p695946	300	3:07	04:04:53.5	+69:59:46	300	90	3.0	#68 2MASS Reds	4	a little scruffy

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File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0069.COMP	5	3:13	04:04:53.5	+69:59:46	300	90	3.0	#68 2MASS Reds	4	
0070.Akn120	240	3:15	05:13:38.0	-00:12:15	300	7	3.0	#6 AGN Monitor	4	
0071.Akn120	240	3:20	05:13:38.0	-00:12:15	300	7	3.0	#6 AGN Monitor	4	
0072.COMP	5	3:24	05:13:38.0	-00:12:15	300	7	3.0	#6 AGN Monitor	4	
0073.sn2002av	1200	3:31	06:08:06.3	-23:59:13	300	7	3.0	#2 SN Observat	2	
0074.COMP	10	3:51	06:08:06.3	-23:59:13	300	7	3.0	#2 SN Observat	2	
0075.2MJ033947Op240755	720	3:55	03:39:47.0	+24:07:55	300	0	3.0	#68 2MASS Reds	4	
0076.COMP	5	4:07	03:39:47.0	+24:07:55	300	0	3.0	#68 2MASS Reds	4	
0077.2MJ0413435p151326	720	4:08	04:13:43.5	+15:13:26	300	0	3.0	#68 2MASS Reds	4	
0078.COMP	5	4:21	04:13:43.5	+15:13:26	300	0	3.0	#68 2MASS Reds	4	
0079.Hiltner600	60	4:23	06:42:37.2	02:11:25	300	0	3.0	#56 Spectropho	2	
0080.Hiltner600	60	4:24	06:42:37.2	02:11:25	300	0	3.0	#56 Spectropho	2	
0081.COMP	10	4:25	06:42:37.2	02:11:25	300	0	3.0	#56 Spectropho	2	
0082.BIAS	0	4:28	7:15:00	32:00:00	600	0	2.0	#56 Spectropho	2	
0083.FLAT	55	4:30	7:30:00	30:00:00	600	0	2.0	#56 Spectropho	2	600-line; 2-sec slit
0084-0102.FLAT	55	4:52	7:30:00	30:00:00	600	0	2.0	#56 Spectropho	2	
0103.Hiltner600	90	4:55	06:42:37.2	02:11:25	600	12	2.0	#10 M67 stars	2	
0104.Hiltner600	90	4:57	06:42:37.2	02:11:25	600	12	2.0	#10 M67 stars	2	
0105.COMP	10	4:59	06:42:37.2	02:11:25	600	12	2.0	#10 M67 stars	2	
0106.m67_6505	300	5:04	8:51:42.3	11:51:22	600	-40	2.0	#10 M67 stars	2	

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File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bir	Comments
0107.COMP	10	5:09	8:51:42.3	11:51:22	600	-40	2.0	#10 M67 stars	2	
0108.m67_5191	900	5:11	8:50:47.6	11:44:51	600	-40	2.0	#10 M67 stars	2	
0109.COMP	10	5:27	8:50:47.6	11:44:51	600	-40	2.0	#10 M67 stars	2	
0110.m67_5059	900	5:30	8:50:36.1	11:43:18	600	-40	2.0	#10 M67 stars	2	
0111.COMP	10	5:45	8:50:36.1	11:43:18	600	-40	2.0	#10 M67 stars	2	
0112.m67_5993	900	5:49	8:51:36.0	11:46:33	600	-20	2.0	#10 M67 stars	2	
0113.COMP	10	6:04	8:51:36.0	11:46:33	600	-20	2.0	#10 M67 stars	2	
0114.m67_5362	900	6:06	8:51:01.0	11:50:10	600	-20	2.0	#10 M67 stars	2	
0115.COMP	10	6:23	8:51:01.0	11:50:10	600	-20	2.0	#10 M67 stars	2	
0116.m67_5624	900	6:27	8:51:17.9	11:45:54	600	-20	2.0	#10 M67 stars	2	PA=0
0117.COMP	10	6:42	8:51:17.9	11:45:54	600	-20	2.0	#10 M67 stars	2	
0118.m67_6107	900	6:43	8:51:44.0	11:46:24	600	0	2.0	#10 M67 stars	2	
0119.COMP	10	6:59	8:51:44.0	11:46:24	600	0	2.0	#10 M67 stars	2	
0120.m67_5927	900	7:00	8:51:32.4	11:48:01	600	20	2.0	#10 M67 stars	2	
0121.COMP	10	7:16	8:51:32.4	11:48:01	600	20	2.0	#10 M67 stars	2	
0122.m67_5350	900	7:17	8:51:00.1	11:54:31	600	30	2.0	#10 M67 stars	2	
0123.COMP	10	7:33	8:51:00.1	11:54:31	600	30	2.0	#10 M67 stars	2	
0124.m67_5350	900	7:33	8:51:00.1	11:54:31	600	30	2.0	#10 M67 stars	2	
0125.COMP	10	7:49	8:51:00.1	11:54:31	600	30	2.0	#10 M67 stars	2	
0126.m67_5833	900	7:51	8:51:28.1	11:49:27	600	40	2.0	#10 M67 stars	2	

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File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bir	Comments
0127.COMP	10	8:07	8:51:28.1	11:49:27	600	40	2.0	#10 M67 stars	2	
0128.m67_6313	900	8:08	8:51:59.6	11:52:57	600	45	2.0	#10 M67 stars	2	
0129.COMP	10	8:24	8:51:59.6	11:52:57	600	45	2.0	#10 M67 stars	2	
0130.Feige34	240	8:26	10:36:41.2	43:21:50	600	0	2.0	#10 M67 stars	2	
0131.Feige34	240	8:30	10:36:41.2	43:21:50	600	0	2.0	#10 M67 stars	2	
0132.COMP	10	8:34	10:36:41.2	43:21:50	600	0	2.0	#10 M67 stars	2	
0133.m67_5248	900	8:36	8:50:51.8	11:56:55	600	55	2.0	#10 M67 stars	2	
0134.COMP	10	8:52	8:50:51.8	11:56:55	600	55	2.0	#10 M67 stars	2	
0135.m67_5118	900	8:53	8:50:40.8	11:47:46	600	55	2.0	#10 M67 stars	2	
0136.COMP	10	9:08	8:50:40.8	11:47:46	600	55	2.0	#10 M67 stars	2	
0137.m67_5118	900	9:09	8:50:40.8	11:47:46	600	55	2.0	#10 M67 stars	2	
0138.COMP	10	9:24	8:50:40.8	11:47:46	600	55	2.0	#10 M67 stars	2	
0139.HD102070	2	9:27	11:42:13.5	-18:04:21	600	0	2.0	#10 M67 stars	2	
0140.HD102070	4	9:27	11:42:13.5	-18:04:21	600	0	2.0	#10 M67 stars	2	
0141.HD102070	4	9:28	11:42:13.5	-18:04:21	600	0	2.0	#10 M67 stars	2	
0142.COMP	10	9:28	11:42:13.5	-18:04:21	600	0	2.0	#10 M67 stars	2	
0143.HD102212	2	9:30	11:43:17.3	+06:48:34	600	0	2.0	#10 M67 stars	2	pec
0144.HD102212	2	9:31	11:43:17.3	+06:48:34	600	0	2.0	#10 M67 stars	2	
0145.HD102212	2	9:31	11:43:17.3	+06:48:34	600	0	2.0	#10 M67 stars	2	
0146.HD102212	6	9:32	11:43:17.3	+06:48:34	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
0147.COMP	10	9:32	11:43:17.3	+06:48:34	600	0	2.0	#10 M67 stars	2	
0148.HD103095	4	9:34	11:50:06.1	+38:04:39	600	0	2.0	#10 M67 stars	2	
0149.HD103095	4	9:35	11:50:06.1	+38:04:39	600	0	2.0	#10 M67 stars	2	
0150.HD103095	6	9:35	11:50:06.1	+38:04:39	600	0	2.0	#10 M67 stars	2	
0151.COMP	10	9:36	11:50:06.1	+38:04:39	600	0	2.0	#10 M67 stars	2	
0152.BIAS	0	9:39	12:00:00	32:00:00	300	0	3.0	#10 M67 stars	2	300-line; 3-sec
0153.Feige34	180	9:40	10:36:41.2	43:21:50	300	0	3.0	#56 Spectropho	2	
0154.Feige34	180	9:44	10:36:41.2	43:21:50	300	0	3.0	#56 Spectropho	2	
0155.COMP	10	9:47	10:36:41.2	43:21:50	300	0	3.0	#56 Spectropho	2	
0156.comas_018	600	9:50	12:42:54.0	20:59:23	300	0	3.0	#64f Cluster I	4	
0157.COMP	5	10:00	12:42:54.0	20:59:23	300	0	3.0	#64f Cluster I	4	
0158.comas_019	720	10:01	12:45:06.6	21:10:10	300	0	3.0	#64f Cluster I	4	
0159.COMP	5	10:13	12:45:06.6	21:10:10	300	0	3.0	#64f Cluster I	4	
0160.comas_020	300	10:14	12:45:11.8	23:02:10	300	0	3.0	#64f Cluster I	4	
0161.COMP	5	10:19	12:45:11.8	23:02:10	300	0	3.0	#64f Cluster I	4	
0162.comas_021	1200	10:20	12:47:11.7	26:42:47	300	0	3.0	#64f Cluster I	4	
0163.COMP	5	10:40	12:47:11.7	26:42:47	300	0	3.0	#64f Cluster I	4	
0164.sn2002ar	1200	10:42	11:37:43.9	+22:00:34	300	60	3.0	#2 SN Observat	2	
0165.COMP	10	11:03	11:37:43.9	+22:00:34	300	60	3.0	#2 SN Observat	2	
0166.sn2002ar	1200	11:04	11:37:43.9	+22:00:34	300	60	3.0	#2 SN Observat	2	

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File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bir	Comments
0167.COMP	10	11:24	11:37:43.9	+22:00:34	300	60	3.0	#2 SN Observat	2	
0168.comas_022	360	11:26	12:48:57.8	34:52:06	300	90	3.0	#64f Cluster I	2	
0169.COMP	10	11:32	12:48:57.8	34:52:06	300	90	3.0	#64f Cluster I	2	
0170.comas_023	480	11:33	12:49:08.8	27:22:08	300	90	3.0	#64f Cluster I	4	
0171.COMP	5	11:41	12:49:08.8	27:22:08	300	90	3.0	#64f Cluster I	4	
0172.comas_024	300	11:42	12:50:08.7	33:09:32	300	90	3.0	#64f Cluster I	4	
0173.COMP	5	11:47	12:50:08.7	33:09:32	300	90	3.0	#64f Cluster I	4	
0174.comas_025	480	11:48	12:50:53.0	34:09:25	300	90	3.0	#64f Cluster I	4	
0175.COMP	5	11:57	12:50:53.0	34:09:25	300	90	3.0	#64f Cluster I	4	
0176.comas_026	1200	11:57	12:51:29.5	31:48:51	300	90	3.0	#64f Cluster I	4	
0177.COMP	5	12:18	12:51:29.5	31:48:51	300	90	3.0	#64f Cluster I	4	
0178.comas_027	360	12:18	12:53:52.5	32:14:30	300	90	3.0	#64f Cluster I	4	
0179.COMP	5	12:25	12:53:52.5	32:14:30	300	90	3.0	#64f Cluster I	4	
0180.comas_028	900	12:27	12:55:08.7	27:12:22	300	90	3.0	#64f Cluster I	4	
0181.COMP	5	12:44	12:55:08.7	27:12:22	300	90	3.0	#64f Cluster I	4	
0182.comas_029	360	12:46	12:57:33.9	28:28:56	300	90	3.0	#64f Cluster I	4	
0183.COMP	10	12:53	12:57:33.9	28:28:56	300	90	3.0	#64f Cluster I	4	
0184.BIAS	0	12:55	12:57:33.9	28:28:56	300	90	3.0	#64f Cluster I	4	thin clouds all night
0185-0193.BIAS	0	12:56	12:57:33.9	28:28:56	300	90	3.0	#64f Cluster I	4	
0194-0203.FLAT	8	12:58	12:57:33.9	28:28:56	300	90	3.0	#64f Cluster I	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>
0204-0213.BIAS	0	13:01	12:57:33.9	28:28:56	300	90	3.0	#64f Cluster I	2	
0214-0223.FLAT	16	13:05	12:57:33.9	28:28:56	300	90	3.0	#64f Cluster I	2	
0224-0233.DARK	900	15:25	12:57:33.9	28:28:56	300	90	3.0	#64f Cluster I	2	