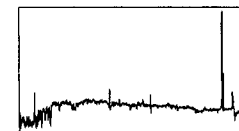


UT Date 2002-09-27 Observers M CalkinsColl. Focus 1000 Grating/Grism 300

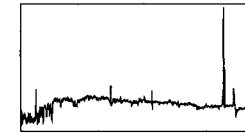
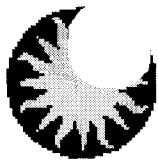
File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0001.DARK	900	23:03	16:16:28.8	+31:30:35	300	90	3.0	Bright Stars	4	
0002.DARK	900	23:18	16:31:36.3	+31:30:31	300	90	3.0	Bright Stars	4	
0003.DARK	900	23:33	16:46:47.2	+31:30:28	300	90	3.0	Bright Stars	4	
0004.DARK	900	23:48	17:01:57.9	+31:30:25	300	90	3.0	Bright Stars	4	
0005.DARK	900	0:03	17:17:05.3	+31:30:22	300	90	3.0	Bright Stars	4	
0006.DARK	900	0:18	17:32:15.8	+31:30:19	300	90	3.0	Bright Stars	4	
0007.DARK	900	0:33	17:47:23.1	+31:30:15	300	90	3.0	Bright Stars	4	
0008.DARK	900	0:49	18:02:33.9	+31:30:12	300	90	3.0	Bright Stars	4	
0009.DARK	900	1:04	18:17:44.7	+31:30:09	300	90	3.0	Bright Stars	4	
0010.DARK	900	1:19	18:32:52.2	+31:30:06	300	90	3.0	Bright Stars	4	
0011-0016.BIAS	0	1:35	18:33:39.5	+31:30:06	300	90	3.0	Bright Stars	4	
0017-0020.BIAS	0	1:35	18:34:06.1	+31:30:05	300	90	3.0	Bright Stars	4	
0021-0030.FLAT	6	1:39	18:38:08.5	+31:30:05	300	90	3.0	Bright Stars	4	
0031-0040.BIAS	0	1:42	18:40:53.7	+31:30:04	300	90	3.0	Bright Stars	2	
0041-0050.FLAT	12	1:48	18:47:36.9	+31:30:03	300	90	3.0	Bright Stars	2	
0051.BDp404032	90	2:02	20:06:40	41:06:15	300	90	3.0	#56 Spectropho	4	
0052.BDp404032	90	2:04	20:06:40	41:06:15	300	90	3.0	#56 Spectropho	4	
0053.COMP	5	2:06	20:06:40	41:06:15	300	90	3.0	#56 Spectropho	4	
0054.BDp404032	90	2:07	20:06:40	41:06:15	300	90	3.0	#56 Spectropho	2	
0055.BDp404032	90	2:09	20:06:40	41:06:15	300	90	3.0	#56 Spectropho	2	

UT Date 2002-09-27 Observers M CalkinsColl. Focus 1000 Grating/Grism 300

File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0056.COMP	12	2:11	20:06:40	41:06:15	300	90	3.0	#56 Spectropho	2	
0057.BDp404032	90	2:13	20:06:40	41:06:15	300	55	3.0	#56 Spectropho	2	
0058.BDp404032	90	2:14	20:06:40	41:06:15	300	55	3.0	#56 Spectropho	2	
0059.COMP	12	2:16	20:06:40	41:06:15	300	55	3.0	#56 Spectropho	2	
0060.3C390.3	360	2:22	18:42:09.1	79:46:17	300	90	3.0	#6 AGN Monitor	2	<i>not reduced</i>
0061.3C390.3	360	2:28	18:42:09.1	79:46:17	300	90	3.0	#6 AGN Monitor	2	<i>not reduced</i>
0062.COMP	12	2:35	18:42:09.1	79:46:17	300	90	3.0	#6 AGN Monitor	2	<i>BAD COMP</i>
0063.MRK509	240	2:38	20:44:09.8	-10:43:24	300	90	3.0	#6 AGN Monitor	2	
0064.MRK509	240	2:42	20:44:09.8	-10:43:24	300	90	3.0	#6 AGN Monitor	2	
0065.COMP	12	2:46	20:44:09.8	-10:43:24	300	90	3.0	#6 AGN Monitor	2	
0066.id2538	720	2:49	20:04:09.4	35:36:54	300	90	3.0	#115 PMS NGC68	2	
0067.COMP	12	3:02	20:04:09.4	35:36:54	300	90	3.0	#115 PMS NGC68	2	
0068.id2805	480	3:18	19:58:58.7	35:10:41	300	90	3.0	#115 PMS NGC68	2	
0069.COMP	12	3:26	19:58:58.7	35:10:41	300	90	3.0	#115 PMS NGC68	2	
0070.id1051	420	3:27	20:07:29.5	35:40:28	300	90	3.0	#115 PMS NGC68	2	
0071.COMP	12	3:35	20:07:29.5	35:40:28	300	90	3.0	#115 PMS NGC68	2	
0072.id2219	540	3:36	20:05:10.9	35:39:06	300	90	3.0	#115 PMS NGC68	2	
0073.COMP	12	3:46	20:05:10.9	35:39:06	300	90	3.0	#115 PMS NGC68	2	
0074.id2347	540	3:47	20:04:46.5	35:41:23	300	90	3.0	#115 PMS NGC68	2	row=78
0075.COMP	12	3:56	20:04:46.5	35:41:23	300	90	3.0	#115 PMS NGC68	2	

UT Date 2002-09-27 Observers M CalkinsColl. Focus 1000 Grating/Grism 300

File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0076.id2423	540	3:57	20:04:31.1	35:47:59	300	90	3.0	#115 PMS NGC68	2	
0077.COMP	12	4:06	20:04:31.1	35:47:59	300	90	3.0	#115 PMS NGC68	2	
0078.id2611	540	4:07	20:03:54.3	35:48:39	300	90	3.0	#115 PMS NGC68	2	
0079.COMP	12	4:17	20:03:54.3	35:48:39	300	90	3.0	#115 PMS NGC68	2	
0080.id2732	420	4:18	19:59:27.6	35:13:51	300	90	3.0	#115 PMS NGC68	2	
0081.COMP	12	4:25	19:59:27.6	35:13:51	300	90	3.0	#115 PMS NGC68	2	
0082.id2762	420	4:27	19:59:16.2	35:21:29	300	90	3.0	#115 PMS NGC68	2	
0083.COMP	12	4:34	19:59:16.2	35:21:29	300	90	3.0	#115 PMS NGC68	2	
0084.DG_462	240	4:37	21:52:12.8	62:44:09	300	90	3.0	#137 Intermedi	2	
0085.COMP	12	4:42	21:52:12.8	62:44:09	300	90	3.0	#137 Intermedi	2	
0086.DG_481	270	4:43	21:52:21.1	62:45:03	300	90	3.0	#137 Intermedi	2	
0087.COMP	12	4:48	21:52:21.1	62:45:03	300	90	3.0	#137 Intermedi	2	
0088.DG_526	240	4:49	21:52:38.5	62:45:52	300	90	3.0	#137 Intermedi	2	
0089.COMP	12	4:53	21:52:38.5	62:45:52	300	90	3.0	#137 Intermedi	2	
0090.DG_533	270	4:54	21:52:40.3	62:46:07	300	90	3.0	#137 Intermedi	2	
0091.COMP	12	4:59	21:52:40.3	62:46:07	300	90	3.0	#137 Intermedi	2	
0092.DG_603	270	5:00	21:53:07.3	62:27:19	300	90	3.0	#137 Intermedi	2	
0093.COMP	12	5:05	21:53:07.3	62:27:19	300	90	3.0	#137 Intermedi	2	
0094.DG_644	360	5:06	21:53:26.9	62:44:50	300	90	3.0	#137 Intermedi	2	
0095.COMP	12	5:13	21:53:26.9	62:44:50	300	90	3.0	#137 Intermedi	2	

UT Date 2002-09-27 Observers M CalkinsColl. Focus 1000 Grating/Grism 300

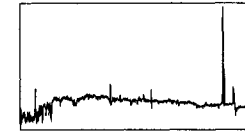
File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0096.DG.682	180	5:13	21:53:45.0	62:36:55	300	90	3.0	#137 Intermedi	2	row=76
0097.COMP	12	5:17	21:53:45.0	62:36:55	300	90	3.0	#137 Intermedi	2	
0098.DG.685	360	5:18	21:53:45.3	62:45:25	300	90	3.0	#137 Intermedi	2	
0099.COMP	12	5:24	21:53:45.3	62:45:25	300	90	3.0	#137 Intermedi	2	
0100.DG.687	240	5:25	21:53:46.1	62:46:35	300	90	3.0	#137 Intermedi	2	
0101.COMP	12	5:30	21:53:46.1	62:46:35	300	90	3.0	#137 Intermedi	2	
0102.DG.720	180	5:31	21:54:02.8	62:26:34	300	90	3.0	#137 Intermedi	2	
0103.COMP	12	5:34	21:54:02.8	62:26:34	300	90	3.0	#137 Intermedi	2	
0104.DG.725	360	5:35	21:54:05.4	62:43:43	300	90	3.0	#137 Intermedi	2	
0105.COMP	12	5:42	21:54:05.4	62:43:43	300	90	3.0	#137 Intermedi	2	BAD COMP used 103
0106.DG.794	360	5:43	21:54:33.5	62:47:53	300	90	3.0	#137 Intermedi	2	
0107.COMP	12	5:49	21:54:33.5	62:47:53	300	90	3.0	#137 Intermedi	2	BAD COMP used 103
0108.0339.97976P03.42293	240	5:57	22:39:55.1	+03:25:22	300	90	3.0	#129 CHAMP Sou	2	
0109.COMP	12	6:02	22:39:55.1	+03:25:22	300	90	3.0	#129 CHAMP Sou	2	
0110.0345.47423P08.69347	900	6:05	23:01:53.8	+08:41:36	300	90	3.0	#129 CHAMP Sou	2	
0111.COMP	12	6:22	23:01:53.8	+08:41:36	300	90	3.0	#129 CHAMP Sou	2	
0112.0345.47472P08.69285	1200	6:25	23:01:53.9	+08:41:34	300	60	3.0	#129 CHAMP Sou	2	row=86, clouds passing thru
0113.COMP	12	6:45	23:01:53.9	+08:41:34	300	60	3.0	#129 CHAMP Sou	2	
0114.FLAT	22	6:53	23:01:53.9	+08:41:34	600	60	3.0	#140 Disk Gala	2	600L, 3arcsec, tilt=743, wait out clouds
0115-0123.FLAT	22	6:58	23:01:53.9	+08:41:34	600	60	3.0	#140 Disk Gala	2	

UT Date 2002-09-27 Observers M CalkinsColl. Focus 1000 Grating/Grism 300

File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0124.IC1474	1020	7:24	23:12:51.2	+05:48:23	600	-29	3.0	#140 Disk Gala	2	
0125.COMP	20	7:42	23:12:51.2	+05:48:23	600	-29	3.0	#140 Disk Gala	2	bad comp due to connector, will get again, clouds back
0126.COMP	12	8:40	01:20:02.7	+14:21:42	300	110	3.0	#135 Starburst	2	test comp
0127.sb17	1200	8:41	01:20:02.7	+14:21:42	300	110	3.0	#135 Starburst	2	normal setup
0128.COMP	12	9:01	01:20:02.7	+14:21:42	300	110	3.0	#135 Starburst	2	
0129.sb22	600	9:04	01:54:53.7	+36:55:02	300	80	3.0	#135 Starburst	2	not reduced
0130.COMP	12	9:14	01:54:53.7	+36:55:02	300	80	3.0	#135 Starburst	2	BAD COMP
0131.sb22a	1200	9:17	01:55:01.8	+36:55:11	300	90	3.0	#135 Starburst	2	row=59 not reduced
0132.COMP	12	9:37	01:55:01.8	+36:55:11	300	90	3.0	#135 Starburst	2	BAD COMP
0133.sb20	600	9:41	01:37:17.5	+05:52:40	300	90	3.0	#135 Starburst	2	
0134.COMP	12	9:51	01:37:17.5	+05:52:40	300	90	3.0	#135 Starburst	2	
0135.COMP	5	10:11	03:22:05.7	-15:24:03	300	90	3.0	#2 SN Observat	2	test comp BAD COMP
0136.COMP	5	10:13	03:22:05.7	-15:24:03	300	90	3.0	#2 SN Observat	2	test comp BAD COMP
0137.COMP	12	10:40	03:40:38.5	+31:29:56	300	90	3.0	#2 SN Observat	4	test comp
0138.COMP	12	10:45	03:22:05.7	-15:24:03	300	90	3.0	#2 SN Observat	2	test comp
0139.sn2002fk	510	10:57	03:22:05.7	-15:24:03	300	7	3.0	#2 SN Observat	2	
0140.COMP	12	11:06	03:22:05.7	-15:24:03	300	7	3.0	#2 SN Observat	2	
0141.0o2589	5	11:12	02:22:53.3	57:14:42	300	90	3.0	#83 H+Chi Per	2	
0142.0o2589	5	11:12	02:22:53.3	57:14:42	300	90	3.0	#83 H+Chi Per	2	
0143.0o2589	5	11:12	02:22:53.3	57:14:42	300	90	3.0	#83 H+Chi Per	2	

UT Date 2002-09-27 Observers M CalkinsColl. Focus 1000 Grating/Grism 300

File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0144.0o2589	5	11:13	02:22:53.3	57:14:42	300	90	3.0	#83 H+Chi Per	2	
0145.0o2589	5	11:13	02:22:53.3	57:14:42	300	90	3.0	#83 H+Chi Per	2	
0146.COMP	12	11:13	02:22:53.3	57:14:42	300	90	3.0	#83 H+Chi Per	2	
0147.HD12623	5	11:26	02:02:19	+62:56:04	300	90	3.0	#57 Velocity S	2	
0148.COMP	12	11:27	02:02:19	+62:56:04	300	90	3.0	#57 Velocity S	2	Another bad comp. use 150
0149.HD12623	5	11:32	02:02:19	+62:56:04	300	90	3.0	#57 Velocity S	2	
0150.COMP	12	11:33	02:02:19	+62:56:04	300	90	3.0	#57 Velocity S	2	
0151.Hiltner600	60	11:36	06:42:37.2	02:11:25	300	-42	3.0	#56 Spectropho	2	use 154
0152.COMP	12	11:38	06:42:37.2	02:11:25	300	-42	3.0	#56 Spectropho	2	BAD COMP
0153.Hiltner600	60	11:39	06:42:37.2	02:11:25	300	-42	3.0	#56 Spectropho	2	
0154.COMP	12	11:40	06:42:37.2	02:11:25	300	-42	3.0	#56 Spectropho	2	
0155.BGGem	300	11:44	6:03:31	27:41:50	300	90	3.0	#100 BGGem	2	
0156.BGGem	840	11:49	6:03:31	27:41:50	300	90	3.0	#100 BGGem	2	shorten for clouds
0157.COMP	12	12:04	6:03:31	27:41:50	300	90	3.0	#100 BGGem	2	
0158.Akn120	420	12:13	05:13:38.0	-00:12:15	300	90	3.0	#6 AGN Monitor	2	
0159.COMP	12	12:21	05:13:38.0	-00:12:15	300	90	3.0	#6 AGN Monitor	2	wait out more clouds
0160-0164.sky	2	12:53	06:57:51	+27:13:42	300	90	3.0	#57 Velocity S	4	
0165.COMP	5	12:53	06:57:51	+27:13:42	300	90	3.0	#57 Velocity S	4	
0166-0175.BIAS	0	12:56	06:57:51	+27:13:42	300	90	3.0	#57 Velocity S	4	
0176-0185.FLAT	6	12:59	06:57:51	+27:13:42	300	90	3.0	#57 Velocity S	4	



UT Date 2002-09-27 Observers M Calkins

Coll. Focus 1000 Grating/Grism 300

File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0186-0195.BIAS	0	13:02	06:57:51	+27:13:42	300	90	3.0	#57 Velocity S	2	
0196-0205.FLAT	12	13:07	06:57:51	+27:13:42	300	90	3.0	#57 Velocity S	2	
0206-0214.DARK	900	15:11	06:57:51	+27:13:42	300	90	3.0	#57 Velocity S	2	

215 DARK " "