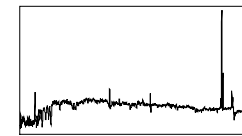


UT Date 2019-01-04 Observers CalkinsColl. Focus 1285 Grating/Grism 300

File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0001.COMP	5	19:01	18:14:19.5	+31:30:34	300	88	3.0	0 Calibration	4	
0002.BIAS	0	19:03	18:14:19.5	+31:30:34	300	88	3.0	0 Calibration	4	
0003-0007.DARK	900	21:21	18:14:19.5	+31:30:34	300	88	3.0	0 Calibration	2	
0008-0012.DARK	900	22:38	18:14:19.5	+31:30:34	300	88	3.0	0 Calibration	4	
0013-0022.BIAS	0	01:37	18:14:19.5	+31:30:34	300	88	3.0	0 Calibration	4	
0023-0042.FLAT	7	01:43	18:14:19.5	+31:30:34	300	88	3.0	0 Calibration	2	
0043-0052.BIAS	0	01:46	18:14:19.5	+31:30:34	300	88	3.0	0 Calibration	2	
0053.snAT2018leg	1800	01:54	00:14:09.0	+70:45:39	300	71	3.0	#2 SN Observat	2	
0054.COMP	10	02:24	00:14:09.0	+70:45:39	300	71	3.0	0 Calibration	2	
0055.snAT2018lc1	900	02:30	00:42:26.2	+41:04:01	300	83	3.0	#2 SN Observat	2	
0056.snAT2018lc1	900	02:46	00:42:26.2	+41:04:01	300	83	3.0	#2 SN Observat	2	
0057.snAT2018lc1	900	03:01	00:42:26.2	+41:04:01	300	83	3.0	#2 SN Observat	2	
0058.COMP	10	03:16	00:42:26.2	+41:04:01	300	83	3.0	0 Calibration	2	
0059.PS16dtm	1800	03:23	01:58:04.7	-00:52:22	300	89	3.0	#225	2	
0060.PS16dtm	1800	03:53	01:58:04.7	-00:52:22	300	89	3.0	#225	2	
0061.PS16dtm	1800	04:23	01:58:04.7	-00:52:22	300	89	3.0	#225	2	
0062.COMP	10	04:53	01:58:04.7	-00:52:22	300	89	3.0	0 Calibration	2	
0063.SN2018hti	1800	04:56	03:40:53.8	+11:46:37	300	89	3.0	#225	2	
0064.SN2018hti	1800	05:26	03:40:53.8	+11:46:37	300	89	3.0	#225	2	
0065.SN2018hti	1800	05:56	03:40:53.8	+11:46:37	300	89	3.0	#225	2	

UT Date 2019-01-04 Observers CalkinsColl. Focus 1285 Grating/Grism 300

File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0066.COMP	10	06:27	03:40:53.8	+11:46:37	300	90	3.0	0 Calibration	2	
0067.gaia36	67	06:35	05:00:51.8	-09:30:57	600	89	1.5	#178 Low Mass	4	
0068.COMP	10	06:37	05:00:51.8	-09:30:57	600	89	1.5	0 Calibration	4	
0069.j0402p15	1686	06:39	04:02:42.4	+15:27:43	600	90	1.5	#178 Low Mass	4	
0070.COMP	10	07:08	04:02:42.4	+15:27:43	600	89	1.5	0 Calibration	4	
0071.j0428p00	1723	07:10	04:28:04.3	+00:52:51	600	89	1.5	#178 Low Mass	4	
0072.COMP	10	07:39	04:28:04.3	+00:52:51	600	89	1.5	0 Calibration	4	
0073.j0429p21	1402	07:41	04:29:29.0	+21:59:24	600	89	1.5	#178 Low Mass	4	
0074.COMP	10	08:05	04:29:29.0	+21:59:24	600	89	1.5	0 Calibration	4	
0075.j0605p05	1666	08:07	06:05:55.5	+05:05:13	600	89	1.5	#178 Low Mass	4	
0076.COMP	10	08:35	06:05:55.5	+05:05:13	600	90	1.5	0 Calibration	4	
0077.j0639p01	1005	08:37	06:39:17.3	+01:13:30	600	70	1.5	#178 Low Mass	4	
0078.COMP	10	08:55	06:39:17.3	+01:13:30	600	70	1.5	0 Calibration	4	
0079.gaia36	67	08:57	05:00:51.8	-09:30:57	600	90	1.5	#178 Low Mass	4	
0080.COMP	10	09:01	05:00:51.8	-09:30:57	600	90	1.5	0 Calibration	4	
0081.j0654p39	845	09:05	06:54:19.6	+39:38:10	600	90	1.5	#178 Low Mass	4	
0082.COMP	10	09:19	06:54:19.6	+39:38:10	600	89	1.5	0 Calibration	4	
0083.j0700p05	1811	09:23	07:00:51.6	+05:30:50	600	89	1.5	#178 Low Mass	4	
0084.COMP	10	09:53	07:00:51.6	+05:30:50	600	89	1.5	0 Calibration	4	
0085.Feige34	240	09:56	10:39:36.7	+43:06:09	600	89	1.5	#56 Spectropho	4	

UT Date 2019-01-04 Observers CalkinsColl. Focus 1285 Grating/Grism 300

File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0086.COMP	10	10:00	10:39:36.7	+43:06:09	600	89	1.5	0 Calibration	4	
0087-0096.FLAT	12	10:04	10:39:36.7	+43:06:09	600	89	1.5	0 Calibration	4	
0097-0106.FLAT	60	10:27	10:39:36.7	+43:06:09	1200	89	1.1	0 Calibration	2	
0107.2M06302812p0210543	240	10:35	06:30:28.1	+02:10:54	1200	87	1.1	#231 BH/NS Bin	2	
0108.COMP	60	10:39	06:30:28.1	+02:10:54	1200	87	1.1	0 Calibration	2	
0109.2M06302812p0210543	240	10:42	06:30:28.1	+02:10:54	1200	87	1.1	#231 BH/NS Bin	2	
0110.COMP	60	10:46	06:30:28.1	+02:10:54	1200	87	1.1	0 Calibration	2	
0111.2M06302812p0210543	720	10:48	06:30:28.1	+02:10:54	1200	87	1.1	#231 BH/NS Bin	2	
0112.COMP	40	11:01	06:30:28.1	+02:10:54	1200	87	1.1	0 Calibration	2	
0113.2M05513562p2435309	1500	11:05	05:51:35.6	+24:35:31	1200	88	1.1	#231 BH/NS Bin	2	
0114.COMP	30	11:31	05:51:35.6	+24:35:31	1200	88	1.1	0 Calibration	2	
0115.2M12201387p1533262	120	11:35	12:20:13.9	+15:33:26	1200	88	1.1	#231 BH/NS Bin	2	
0116.COMP	30	11:38	12:20:13.9	+15:33:26	1200	88	1.1	0 Calibration	2	
0117.2M09432436p3901385	420	11:42	09:43:24.4	+39:01:39	1200	88	1.1	#231 BH/NS Bin	2	
0118.COMP	30	11:50	09:43:24.4	+39:01:39	1200	84	1.1	0 Calibration	2	
0119.HD84937	60	11:52	09:48:56.1	+13:44:39	1200	84	1.1	#56 Spectropho	2	
0120.COMP	30	11:54	09:48:56.1	+13:44:39	1200	83	1.1	0 Calibration	2	
0121.Feige34	360	11:56	10:39:36.7	+43:06:09	1200	84	1.1	#56 Spectropho	2	
0122.COMP	30	12:02	10:39:36.7	+43:06:09	1200	83	1.1	0 Calibration	2	
0123.COMP	10	12:07	10:39:36.7	+43:06:09	300	83	3.0	0 Calibration	2	

UT Date 2019-01-04 Observers CalkinsColl. Focus 1285 Grating/Grism 300

<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>
0124.Feige34	180	12:09	10:39:36.7	+43:06:09	300	83	3.0	#56 Spectropho	2	
0125.COMP	10	12:12	10:39:36.7	+43:06:09	300	85	3.0	0 Calibration	2	
0126.HD84937	20	12:14	09:48:56.1	+13:44:39	300	85	3.0	#56 Spectropho	2	
0127.COMP	10	12:38	09:48:56.1	+13:44:39	300	82	3.0	0 Calibration	2	
0128.JS006202	600	12:42	08:55:12.8	+04:26:48	300	82	3.0	232 Missing SD	2	
0129.COMP	10	12:52	08:55:12.8	+04:26:48	300	83	3.0	0 Calibration	2	
0130.JS002289	1500	12:55	11:55:34.4	+46:13:24	300	83	3.0	232 Missing SD	2	
0131.COMP	10	13:21	11:55:34.4	+46:13:24	300	82	3.0	0 Calibration	2	
0132-0141.BIAS	0	13:32	11:55:34.4	+46:13:24	300	82	3.0	0 Calibration	2	
0142-0161.FLAT	7	13:37	11:55:34.4	+46:13:24	300	82	3.0	0 Calibration	2	
0162-0171.BIAS	0	13:42	11:55:34.4	+46:13:24	300	82	3.0	0 Calibration	4	
0172-0179.DARK	900	15:31	11:55:34.4	+46:13:24	300	82	3.0	0 Calibration	2	

UT Date 2019-01-05 Observers CalkinsColl. Focus 1285 Grating/Grism 300

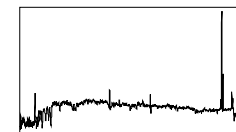
File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0001-0007.DARK	900	00:33	11:55:34.4	+46:13:24	300	82	3.0	0 Calibration	4	
0008-0020.BIAS	0	00:52	11:55:34.4	+46:13:24	300	82	3.0	0 Calibration	4	
0021.COMP	10	00:54	11:55:34.4	+46:13:24	300	82	3.0	0 Calibration	2	focus check
0022.COMP	10	00:56	11:55:34.4	+46:13:24	300	82	3.0	0 Calibration	2	focus check
0023.COMP	10	00:59	11:55:34.4	+46:13:24	300	82	3.0	0 Calibration	2	focus check
0024-0043.FLAT	7	01:06	11:55:34.4	+46:13:24	300	82	3.0	0 Calibration	2	
0044-0053.BIAS	0	01:08	11:55:34.4	+46:13:24	300	82	3.0	0 Calibration	2	
0054.ZAnd	1	01:31	23:33:40.0	+48:49:06	300	82	3.0	#12 Symbiotic	2	
0055.ZAnd	5	01:31	23:33:40.0	+48:49:06	300	82	3.0	#12 Symbiotic	2	
0056.ZAnd	30	01:32	23:33:40.0	+48:49:06	300	82	3.0	#12 Symbiotic	2	
0057.COMP	10	01:33	23:33:40.0	+48:49:06	300	82	3.0	0 Calibration	2	
0058.RAqr	1	01:38	23:43:49.0	-15:17:05	300	82	3.0	#12 Symbiotic	2	
0059.RAqr	5	01:38	23:43:49.0	-15:17:05	300	82	3.0	#12 Symbiotic	2	
0060.RAqr	10	01:38	23:43:49.0	-15:17:05	300	82	3.0	#12 Symbiotic	2	
0061.COMP	10	01:39	23:43:49.0	-15:17:05	300	82	3.0	0 Calibration	2	
0062.EGAnd	1	01:41	00:44:37.0	+40:40:47	300	82	3.0	#12 Symbiotic	2	
0063.EGAnd	5	01:42	00:44:37.0	+40:40:47	300	82	3.0	#12 Symbiotic	2	
0064.EGAnd	10	01:42	00:44:37.0	+40:40:47	300	82	3.0	#12 Symbiotic	2	
0065.COMP	10	01:45	00:44:37.0	+40:40:47	300	82	3.0	0 Calibration	2	
0066.AXPer	4	01:48	01:36:23.0	+54:15:03	300	82	3.0	#12 Symbiotic	2	

UT Date 2019-01-05 Observers CalkinsColl. Focus 1285 Grating/Grism 300

File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0067.AXPer	30	01:48	01:36:23.0	+54:15:03	300	82	3.0	#12 Symbiotic	2	
0068.AXPer	90	01:48	01:36:23.0	+54:15:03	300	82	3.0	#12 Symbiotic	2	
0069.COMP	10	01:51	01:36:23.0	+54:15:03	300	87	3.0	0 Calibration	2	
0070.SN2018gft	1800	01:55	23:57:17.9	-15:37:53	300	87	3.0	#225	2	
0071.SN2018gft	1800	02:35	23:57:17.9	-15:37:53	300	87	3.0	#225	2	
0072.SN2018gft	1800	03:05	23:57:17.9	-15:37:53	300	87	3.0	#225	2	
0073.COMP	10	03:36	23:57:17.9	-15:37:53	300	87	3.0	0 Calibration	2	
0074.AT2018jkg	1800	04:12	01:09:31.5	+29:19:53	300	87	3.0	#225	2	clouds coming in
0075.COMP	10	04:45	01:09:31.5	+29:19:53	300	87	3.0	0 Calibration	2	
0076.GITau	240	06:18	04:33:34.0	+24:21:18	300	87	3.0	#12 Symbiotic	2	
0077.COMP	10	06:22	04:33:34.0	+24:21:18	300	87	3.0	0 Calibration	2	
0078.GKTau	240	06:23	04:33:34.5	+24:21:07	300	87	3.0	#12 Symbiotic	2	
0079.COMP	10	06:28	04:33:34.5	+24:21:07	300	88	3.0	0 Calibration	2	
0080.BGGem	360	06:30	06:03:31.0	+27:41:50	300	88	3.0	#12 Symbiotic	2	
0081.COMP	10	06:37	06:03:31.0	+27:41:50	300	87	3.0	0 Calibration	2	
0082.Hiltner600	90	06:40	06:45:13.4	+02:08:14	300	87	3.0	#21 Spectropho	2	
0083.COMP	10	06:42	06:45:13.4	+02:08:14	300	87	3.0	0 Calibration	2	
0084.G191B2B	300	06:46	05:05:30.6	+52:49:57	300	87	3.0	#21 Spectropho	2	
0085.COMP	10	06:51	05:05:30.6	+52:49:57	300	83	3.0	0 Calibration	2	
0086.snAT2018iyu	900	07:03	06:18:40.3	+78:21:26	300	83	3.0	#2 SN Observat	2	

UT Date 2019-01-05 Observers CalkinsColl. Focus 1285 Grating/Grism 300

File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0087.COMP	10	07:18	06:18:40.3	+78:21:26	300	87	3.0	0 Calibration	2	
0088.JS113057	1200	07:24	07:28:52.6	+34:33:08	300	81	3.0	232 Missing SD	2	
0089.COMP	10	07:45	07:28:52.6	+34:33:08	300	81	3.0	0 Calibration	2	
0090.JS094571	900	07:46	07:34:31.7	+34:17:14	300	81	3.0	232 Missing SD	2	
0091.COMP	10	08:01	07:34:31.7	+34:17:14	300	81	3.0	0 Calibration	2	
0092.JS101248	1200	08:03	07:35:56.6	+35:23:00	300	90	3.0	232 Missing SD	2	
0093.COMP	10	08:23	07:35:56.6	+35:23:00	300	90	3.0	0 Calibration	2	
0094.JS036700	420	08:26	07:36:17.2	+34:04:33	300	89	3.0	232 Missing SD	2	
0095.COMP	10	08:33	07:36:17.2	+34:04:33	300	89	3.0	0 Calibration	2	
0096.BXMon	15	08:36	07:25:23.0	-03:35:51	300	89	3.0	#12 Symbiotic	2	
0097.BXMon	180	08:36	07:25:23.0	-03:35:51	300	89	3.0	#12 Symbiotic	2	
0098.COMP	10	08:40	07:25:23.0	-03:35:51	300	87	3.0	0 Calibration	2	
0099.SS129	300	08:43	07:32:45.0	-26:49:16	300	76	3.0	#12 Symbiotic	2	
0100.SS129	300	08:48	07:32:45.0	-26:49:16	300	76	3.0	#12 Symbiotic	2	
0101.COMP	10	08:54	07:32:45.0	-26:49:16	300	75	3.0	0 Calibration	2	
0102.2M08465205m1507171	420	09:06	08:46:52.1	-15:07:17	1200	90	1.1	#231 BH/NS Bin	2	
0103.COMP	30	09:14	08:46:52.1	-15:07:17	1200	90	1.1	0 Calibration	2	
0104.2M05400215p4542113	1500	09:17	05:40:02.1	+45:42:11	1200	90	1.1	#231 BH/NS Bin	2	
0105.COMP	30	09:44	05:40:02.1	+45:42:11	1200	89	1.1	0 Calibration	2	
0106.2M07191881p0611142	480	09:46	07:19:18.8	+06:11:14	1200	89	1.1	#231 BH/NS Bin	2	

UT Date 2019-01-05 Observers CalkinsColl. Focus 1285 Grating/Grism 300

File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0107.COMP	30	09:55	07:19:18.8	+06:11:14	1200	89	1.1	0 Calibration	2	
0108.2M07171237m0524103	1500	09:58	07:17:12.4	-05:24:10	1200	89	1.1	#231 BH/NS Bin	2	
0109.COMP	30	10:25	07:17:12.4	-05:24:10	1200	89	1.1	0 Calibration	2	
0110.HD84937	80	10:27	09:48:56.1	+13:44:39	1200	89	1.1	#56 Spectropho	2	
0111.COMP	30	10:30	09:48:56.1	+13:44:39	1200	90	1.1	0 Calibration	2	
0112.Feige34	420	10:32	10:39:36.7	+43:06:09	1200	90	1.1	#56 Spectropho	2	
0113.COMP	10	10:39	10:39:36.7	+43:06:09	1200	87	1.1	0 Calibration	2	
0114-0123.FLAT	60	10:52	10:39:36.7	+43:06:09	1200	87	1.1	0 Calibration	2	
0124.COMP	5	11:05	08:56:19.3	+62:06:33	300	87	3.0	0 Calibration	4	
0125.JS038541	480	11:08	08:57:45.1	+32:17:06	300	87	3.0	232 Missing SD	2	
0126.COMP	10	11:16	08:57:45.1	+32:17:06	300	88	3.0	0 Calibration	2	
0127.JS009889	1800	11:19	09:03:03.9	+05:29:46	300	88	3.0	232 Missing SD	2	
0128.COMP	10	11:49	09:03:03.9	+05:29:46	300	89	3.0	0 Calibration	2	
0129.snJ120755p650647	1200	12:00	12:07:55.9	+65:06:48	300	89	3.0	#2 SN Observat	2	
0130.COMP	10	12:21	12:07:55.9	+65:06:48	300	89	3.0	0 Calibration	2	
0131.TXCVn	10	12:22	12:44:42.0	+36:45:48	300	89	3.0	#12 Symbiotic	2	
0132.TXCVn	30	12:23	12:44:42.0	+36:45:48	300	89	3.0	#12 Symbiotic	2	
0133.COMP	10	12:23	12:44:42.0	+36:45:48	300	89	3.0	0 Calibration	2	
0134.HD84937	35	12:25	09:48:56.1	+13:44:39	300	89	3.0	#56 Spectropho	2	
0135.COMP	10	12:26	09:48:56.1	+13:44:39	300	89	3.0	0 Calibration	2	

UT Date 2019-01-05 Observers CalkinsColl. Focus 1285 Grating/Grism 300

<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>
0136.Feige34	300	12:28	10:39:36.7	+43:06:09	300	89	3.0	#56 Spectropho	2	
0137.COMP	10	12:33	10:39:36.7	+43:06:09	300	88	3.0	0 Calibration	2	
0138.TCrB	15	12:36	15:59:30.0	+25:55:12	300	88	3.0	#12 Symbiotic	2	
0139.TCrB	60	12:36	15:59:30.0	+25:55:12	300	88	3.0	#12 Symbiotic	2	
0140.COMP	10	12:38	15:59:30.0	+25:55:12	300	88	3.0	0 Calibration	2	
0141.JS066467	1800	12:41	12:04:45.6	+31:11:27	300	88	3.0	232 Missing SD	2	
0142.COMP	10	13:11	12:04:45.6	+31:11:27	300	89	3.0	0 Calibration	2	
0143-0152.BIAS	0	13:14	12:04:45.6	+31:11:27	300	89	3.0	0 Calibration	2	
0153-0172.FLAT	7	13:21	12:04:45.6	+31:11:27	300	89	3.0	0 Calibration	2	
0173-0182.DARK	900	15:39	12:04:45.6	+31:11:27	300	89	3.0	0 Calibration	2	

UT Date 2019-01-06 Observers CalkinsColl. Focus 1285 Grating/Grism 300

<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>
0001-0030.DARK	900	08:16	12:04:45.6	+31:11:27	300	89	3.0	0 Calibration	4	

UT Date 2019-01-08 Observers CalkinsColl. Focus 1285 Grating/Grism 1200

File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0001-0010.BIAS	0	00:58	00:40:37.2	+31:30:33	300	89	3.0	0 Calibration	4	
0011-0030.FLAT	7	01:05	00:40:37.2	+31:30:33	300	89	3.0	0 Calibration	2	
0031-0040.BIAS	0	01:07	00:40:37.2	+31:30:33	300	89	3.0	0 Calibration	2	
0041.snAT2018ims	1500	02:49	01:22:14.9	+34:40:09	300	89	3.0	#2 SN Observat	2	
0042.COMP	10	03:14	01:22:14.9	+34:40:09	300	87	3.0	0 Calibration	2	
0043.AT2018jkq	1800	03:17	01:09:31.5	+29:19:53	300	87	3.0	#225	2	
0044.AT2018jkq	1800	03:47	01:09:31.5	+29:19:53	300	88	3.0	#225	2	
0045.AT2018jkq	1800	04:17	01:09:31.5	+29:19:53	300	88	3.0	#225	2	
0046.COMP	10	04:48	01:09:31.5	+29:19:53	300	87	3.0	0 Calibration	2	
0047.snAT2018lhm	1200	04:50	03:10:09.1	+59:23:46	300	66	3.0	#2 SN Observat	2	looked like correct object
0048.COMP	10	05:11	03:10:09.1	+59:23:46	300	65	3.0	0 Calibration	2	
0049.HD19445	10	05:13	03:08:25.6	+26:19:51	300	89	3.0	#56 Spectropho	2	
0050.COMP	10	05:14	03:08:25.6	+26:19:51	300	89	3.0	0 Calibration	2	
0051.G191B2B	300	05:15	05:05:30.6	+52:49:52	300	89	3.0	#56 Spectropho	2	
0052.COMP	10	05:21	05:05:30.6	+52:49:52	300	89	3.0	0 Calibration	2	
0053.2M03351495p4607233	120	05:30	03:35:15.0	+46:07:23	1200	89	1.1	#231 BH/NS BIn	2	
0054.COMP	30	05:32	03:35:15.0	+46:07:23	1200	89	1.1	0 Calibration	2	
0055.2M04052624p5304494	1800	05:35	04:05:26.2	+53:04:49	1200	89	1.1	#231 BH/NS BIn	2	clouds, get again
0056.COMP	30	06:08	04:05:26.2	+53:04:49	1200	89	1.1	0 Calibration	2	
0057-0066.FLAT	60	06:20	04:05:26.2	+53:04:49	1200	89	1.1	0 Calibration	2	

UT Date 2019-01-08 Observers CalkinsColl. Focus 1285 Grating/Grism 1200

<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>
0067.2M07062921p3752516	720	06:26	07:06:29.2	+37:52:52	1200	89	1.1	#231 BH/NS BIn	2	
0068.COMP	30	06:39	07:06:29.2	+37:52:52	1200	89	1.1	0 Calibration	2	
0069.HD52071	240	06:44	07:00:58.2	+27:09:27	1200	89	1.1	#57 Velocity S	2	
0070.COMP	30	06:49	07:00:58.2	+27:09:27	1200	90	1.1	0 Calibration	2	
0071-0080.DARK	900	13:40	09:43:24.4	+39:01:39	1200	90	1.1	0 Calibration	2	

UT Date 2019-01-09 Observers CalkinsColl. Focus 1285 Grating/Grism 300

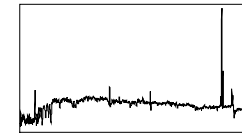
File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0001-0010.DARK	900	01:01	09:43:24.4	+39:01:39	600	90	1.5	0 Calibration	4	
0011-0020.BIAS	0	01:19	09:43:24.4	+39:01:39	600	90	1.5	0 Calibration	4	
0021-0030.FLAT	12	01:25	09:43:24.4	+39:01:39	600	90	1.5	0 Calibration	4	
0031.j2225p65	1700	01:39	22:25:39.0	+65:50:31	600	60	1.5	#178 Low Mass	4	
0032.COMP	10	02:07	22:25:39.0	+65:50:31	600	61	1.5	0 Calibration	4	
0033.j2158p19	1200	02:11	21:58:16.3	+19:40:53	600	89	1.5	#178 Low Mass	4	
0034.COMP	10	02:31	21:58:16.3	+19:40:53	600	89	1.5	0 Calibration	4	
0035.j2200p45	1300	02:34	22:00:48.3	+45:32:35	600	90	1.5	#178 Low Mass	4	
0036.COMP	10	02:57	22:00:48.3	+45:32:35	600	89	1.5	0 Calibration	4	
0037.j2234p08	1400	02:59	22:34:19.0	+08:05:33	600	90	1.5	#178 Low Mass	4	
0038.COMP	10	03:23	22:34:19.0	+08:05:33	600	90	1.5	0 Calibration	4	
0039.j2245p20	638	03:27	22:45:39.3	+20:16:33	600	90	1.5	#178 Low Mass	4	
0040.COMP	10	03:38	22:45:39.3	+20:16:33	600	89	1.5	0 Calibration	4	
0041.j2246p25	1500	03:41	22:46:21.0	+25:42:31	600	89	1.5	#178 Low Mass	4	
0042.COMP	10	04:06	22:46:21.0	+25:42:31	600	89	1.5	0 Calibration	4	
0043.j2356p11	1110	04:09	23:56:37.4	+11:43:35	600	89	1.5	#178 Low Mass	4	
0044.COMP	10	04:28	23:56:37.4	+11:43:35	600	89	1.5	0 Calibration	4	
0045.j2356p19	809	04:29	23:56:38.5	+19:45:53	600	89	1.5	#178 Low Mass	4	
0046.COMP	10	04:43	23:56:38.5	+19:45:53	600	89	1.5	0 Calibration	4	
0047.G191B2B	420	05:11	05:05:30.6	+52:49:52	600	91	1.5	#56 Spectropho	4	

UT Date 2019-01-09 Observers CalkinsColl. Focus 1285 Grating/Grism 300

File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0048.COMP	10	05:18	05:05:30.6	+52:49:52	600	91	1.5	0 Calibration	4	
0049.JS036699	600	05:29	07:36:20.0	+34:04:16	300	90	3.0	232 Missing SD	2	
0050.COMP	10	05:39	07:36:20.0	+34:04:16	300	90	3.0	0 Calibration	2	
0051.JS097079	720	05:42	07:44:44.6	+33:55:59	300	90	3.0	232 Missing SD	2	
0052.COMP	10	05:55	07:44:44.6	+33:55:59	300	90	3.0	0 Calibration	2	
0053.JS100769	1500	05:56	07:46:10.9	+33:30:18	300	90	3.0	232 Missing SD	2	
0054.COMP	10	06:22	07:46:10.9	+33:30:18	300	90	3.0	0 Calibration	2	
0055.JS094859	1500	06:23	07:49:05.9	+38:49:03	300	90	3.0	232 Missing SD	2	
0056.COMP	10	06:49	07:49:05.9	+38:49:03	300	90	3.0	0 Calibration	2	
0057.JS108910	900	06:50	07:57:36.9	+39:20:18	300	90	3.0	232 Missing SD	2	
0058.COMP	10	07:06	07:57:36.9	+39:20:18	300	90	3.0	0 Calibration	2	
0059.JS020127	600	07:07	07:58:40.3	+33:36:32	300	90	3.0	232 Missing SD	2	
0060.COMP	10	07:18	07:58:40.3	+33:36:32	300	90	3.0	0 Calibration	2	
0061.JS097307	2400	07:52	08:03:57.1	+35:14:35	300	90	3.0	232 Missing SD	2	
0062.COMP	10	08:32	08:03:57.1	+35:14:35	300	90	3.0	0 Calibration	2	
0063.JS088448	1200	08:34	08:04:15.7	+30:10:56	300	90	3.0	232 Missing SD	2	
0064.COMP	10	08:55	08:04:15.7	+30:10:56	300	90	3.0	0 Calibration	2	
0065.JS056811	600	08:56	08:05:21.0	+30:45:47	300	90	3.0	232 Missing SD	2	
0066.COMP	10	09:07	08:05:21.0	+30:45:47	300	90	3.0	0 Calibration	2	
0067.JS096908	1500	09:08	08:17:03.4	+35:26:04	300	90	3.0	232 Missing SD	2	

UT Date 2019-01-09 Observers CalkinsColl. Focus 1285 Grating/Grism 300

<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>
0068.COMP	10	09:35	08:17:03.4	+35:26:04	300	90	3.0	0 Calibration	2	
0069-0078.BIAS	0	12:01	10:22:36.0	+13:26:36	300	91	3.0	0 Calibration	2	
0079-0098.FLAT	7	12:13	10:22:36.0	+13:26:36	300	91	3.0	0 Calibration	2	
0099-0108.DARK	900	14:32	10:22:36.0	+13:26:36	300	91	3.0	0 Calibration	2	

UT Date 2019-01-10 Observers CalkinsColl. Focus 1285 Grating/Grism 300

File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0001-0010.DARK	900	01:40	10:22:36.0	+13:26:36	300	91	3.0	0 Calibration	4	
0011-0020.BIAS	0	04:09	10:22:36.0	+13:26:36	300	91	3.0	0 Calibration	4	
0021-0040.FLAT	7	04:17	10:22:36.0	+13:26:36	300	91	3.0	0 Calibration	2	
0041-0050.BIAS	0	04:19	10:22:36.0	+13:26:36	300	91	3.0	0 Calibration	2	
0051.HD19445	10	05:42	03:08:25.6	+26:19:51	300	91	3.0	#56 Spectropho	2	
0052.COMP	10	05:44	03:08:25.6	+26:19:51	300	91	3.0	0 Calibration	2	
0053.G191B2B	300	05:46	05:05:30.6	+52:49:52	300	91	3.0	#56 Spectropho	2	
0054.COMP	10	05:51	05:05:30.6	+52:49:52	300	90	3.0	0 Calibration	2	
0055.05015592+4419410	1800	05:56	05:01:55.9	+44:19:41	300	90	3.0	#141 2MASS Red	2	
0056.COMP	10	06:26	05:01:55.9	+44:19:41	300	90	3.0	0 Calibration	2	
0057.05032503+4749366	1500	06:28	05:03:25.0	+47:49:37	300	90	3.0	#141 2MASS Red	2	
0058.COMP	10	06:54	05:03:25.0	+47:49:37	300	90	3.0	0 Calibration	2	
0059.JS148207	1200	07:20	08:25:05.1	+25:54:03	300	90	3.0	232 Missing SD	2	
0060.COMP	10	07:40	08:25:05.1	+25:54:03	300	89	3.0	0 Calibration	2	
0061-0070.BIAS	0	12:47	08:26:00.6	+40:58:59	300	90	3.0	0 Calibration	2	
0071-0090.FLAT	7	12:59	08:26:00.6	+40:58:59	300	90	3.0	0 Calibration	2	
0091-0100.DARK	900	15:18	08:26:00.6	+40:58:59	300	90	3.0	0 Calibration	2	