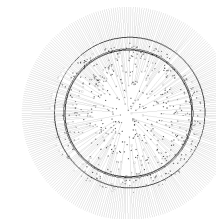
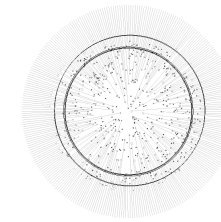
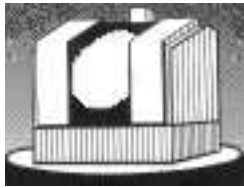
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<i>File</i>	<i>Title</i>	<i>Filt</i>	<i>Exp</i>	<i>UT</i>	<i>RA</i>	<i>Dec</i>	<i>HA</i>	<i>Air</i>	<i>Prop</i>	<i>Bin</i>	<i>Comments</i>
bias.3816	parked	Na28	0	22:12	-01:00:00.0	-100:00:00	-00:00	1.00	calibratio n	2x1	2x1
bias.3817	parked	Na28	0	22:13	-01:00:00.0	-100:00:00	-00:00	1.00	calibratio n	2x1	
bias.3818	parked	Na28	0	22:13	-01:00:00.0	-100:00:00	-00:00	1.00	calibratio n	2x1	
bias.3819	parked	Na28	0	22:14	-01:00:00.0	-100:00:00	-00:00	1.00	calibratio n	2x1	
bias.3820	parked	Na28	0	22:15	-01:00:00.0	-100:00:00	-00:00	1.00	calibratio n	2x1	
bias.3821	parked	Na28	0	22:15	-01:00:00.0	-100:00:00	-00:00	1.00	calibratio n	2x1	
bias.3822	parked	Na28	0	22:16	-01:00:00.0	-100:00:00	-00:00	1.00	calibratio n	2x1	
bias.3823	parked	Na28	0	22:17	-01:00:00.0	-100:00:00	-00:00	1.00	calibratio n	2x1	
bias.3824	parked	Na28	0	22:17	-01:00:00.0	-100:00:00	-00:00	1.00	calibratio n	2x1	
bias.3825	parked	Na28	0	22:18	-01:00:00.0	-100:00:00	-00:00	1.00	calibratio n	2x1	
bias.3826	ring250	RV31	0	22:27	-01:00:00.0	-100:00:00	-00:00	1.00	calibratio n	1x1	1x1
bias.3827	ring250	RV31	0	22:28	-01:00:00.0	-100:00:00	-00:00	1.00	calibratio n	1x1	
bias.3828	ring250	RV31	0	22:29	-01:00:00.0	-100:00:00	-00:00	1.00	calibratio n	1x1	
bias.3829	ring250	RV31	0	22:30	-01:00:00.0	-100:00:00	-00:00	1.00	calibratio n	1x1	
bias.3830	ring250	RV31	0	22:31	-01:00:00.0	-100:00:00	-00:00	1.00	calibratio n	1x1	
bias.3831	ring250	RV31	0	22:32	-01:00:00.0	-100:00:00	-00:00	1.00	calibratio n	1x1	
bias.3832	ring250	RV31	0	22:33	-01:00:00.0	-100:00:00	-00:00	1.00	calibratio n	1x1	
bias.3833	ring250	RV31	0	22:34	-01:00:00.0	-100:00:00	-00:00	1.00	calibratio n	1x1	
bias.3834	ring250	RV31	0	22:35	-01:00:00.0	-100:00:00	-00:00	1.00	calibratio n	1x1	
bias.3835	ring250	RV31	0	22:36	-01:00:00.0	-100:00:00	-00:00	1.00	calibratio n	1x1	

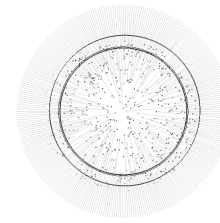
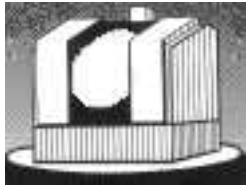


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File	Title	Filt	Exp	UT	RA	Dec	HA	Air	Prop	Bin	Comments
domeflat.3836	ring250	OB21	20	23:08	-01:00:00.0	-100:00:00	-00:00	1.00	calibratio n	1x1	OB21 1x1
domeflat.3837	ring250	OB21	20	23:10	-01:00:00.0	-100:00:00	-00:00	1.00	calibratio n	1x1	
domeflat.3838	ring250	OB21	20	23:11	-01:00:00.0	-100:00:00	-00:00	1.00	calibratio n	1x1	
domeflat.3839	ring250	OB21	20	23:13	-01:00:00.0	-100:00:00	-00:00	1.00	calibratio n	1x1	
domeflat.3840	ring250	OB21	20	23:14	-01:00:00.0	-100:00:00	-00:00	1.00	calibratio n	1x1	
domeflat.3841	ring250	OB21	20	23:16	-01:00:00.0	-100:00:00	-00:00	1.00	calibratio n	1x1	
domeflat.3842	ring250	OB21	20	23:17	-01:00:00.0	-100:00:00	-00:00	1.00	calibratio n	1x1	
comp.3843	ring250	OB21	240	23:19	-01:00:00.0	-100:00:00	-00:00	1.00	calibratio n	1x1	
comp.3844	ring250	OB21	240	23:24	-01:00:00.0	-100:00:00	-00:00	1.00	calibratio n	1x1	
comp.3845	ring250	OB21	240	23:29	-01:00:00.0	-100:00:00	-00:00	1.00	calibratio n	1x1	
domeflat.3846	ring250	Na28	20	23:36	-01:00:00.0	-100:00:00	-00:00	1.00	calibratio n	2x1	Na28 2x1
domeflat.3847	ring250	Na28	20	23:37	-01:00:00.0	-100:00:00	-00:00	1.00	calibratio n	2x1	
domeflat.3848	ring250	Na28	20	23:38	-01:00:00.0	-100:00:00	-00:00	1.00	calibratio n	2x1	
domeflat.3849	ring250	Na28	20	23:40	-01:00:00.0	-100:00:00	-00:00	1.00	calibratio n	2x1	
domeflat.3850	ring250	Na28	20	23:41	-01:00:00.0	-100:00:00	-00:00	1.00	calibratio n	2x1	
domeflat.3851	ring250	Na28	20	23:42	-01:00:00.0	-100:00:00	-00:00	1.00	calibratio n	2x1	
domeflat.3852	ring250	Na28	20	23:43	-01:00:00.0	-100:00:00	-00:00	1.00	calibratio n	2x1	
comp.3853	ring250	Na28	240	23:44	-01:00:00.0	-100:00:00	-00:00	1.00	calibratio n	2x1	
comp.3854	ring250	Na28	240	23:49	-01:00:00.0	-100:00:00	-00:00	1.00	calibratio n	2x1	
comp.3855	ring250	Na28	240	23:54	-01:00:00.0	-100:00:00	-00:00	1.00	calibratio n	2x1	

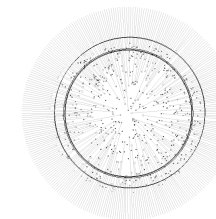
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File	Title	Filt	Exp	UT	RA	Dec	HA	Air	Prop	Bin	Comments
domeflat.3856	ring250	Ca41	200	00:01	-01:00:00.0	-100:00:00	-00:00	1.00	calibration	2x1	Ca41 2x1
domeflat.3857	ring250	Ca41	200	00:05	-01:00:00.0	-100:00:00	-00:00	1.00	calibration	2x1	
domeflat.3858	ring250	Ca41	200	00:09	-01:00:00.0	-100:00:00	-00:00	1.00	calibration	2x1	
domeflat.3859	ring250	Ca41	200	00:13	-01:00:00.0	-100:00:00	-00:00	1.00	calibration	2x1	
domeflat.3860	ring250	Ca41	200	00:17	-01:00:00.0	-100:00:00	-00:00	1.00	calibration	2x1	
domeflat.3861	ring250	Ca41	200	00:22	-01:00:00.0	-100:00:00	-00:00	1.00	calibration	2x1	
domeflat.3862	ring250	Ca41	200	00:26	-01:00:00.0	-100:00:00	-00:00	1.00	calibration	2x1	
comp.3863	ring250	Ca41	250	00:30	-01:00:00.0	-100:00:00	-00:00	1.00	calibration	2x1	
comp.3864	ring250	Ca41	250	00:35	-01:00:00.0	-100:00:00	-00:00	1.00	calibration	2x1	
comp.3865	ring250	Ca41	250	00:40	-01:00:00.0	-100:00:00	-00:00	1.00	calibration	2x1	
sflat.3866	ring250	Ca41	30	01:07	-01:00:00.0	-100:00:00	-00:00	1.00	calibration	2x1	Ca41 2x1; counts good 15,000
sflat.3867	ring250	Ca41	35	01:09	-01:00:00.0	-100:00:00	-00:00	1.00	calibration	2x1	Counts good 15,000
sflat.3868	ring250	Ca41	45	01:10	-01:00:00.0	-100:00:00	-00:00	1.00	calibration	2x1	Counts good 20,000
sflat.3869	ring250	Na28	60	01:14	-01:00:00.0	-100:00:00	-00:00	1.00	calibration	2x1	Na28 2x1; Counts good 15,000
sflat.3870	ring250	Na28	70	01:16	-01:00:00.0	-100:00:00	-00:00	1.00	calibration	2x1	Counts good 15,000
sflat.3871	ring250	Na28	85	01:18	-01:00:00.0	-100:00:00	-00:00	1.00	calibration	2x1	Counts good 15,000
cygnusf1_bright_2.3872	cygnusf1_bright	Ca41	720	02:15	+20:48:02.5	+30:40:24	-01:51	1.09	2024B-SAO-9	2x1	Clear; WFS=1.79"
cygnusf1_bright_2.3873	cygnusf1_bright	Ca41	720	02:28	+20:48:02.5	+30:40:24	-01:38	1.07	2024B-SAO-9	2x1	
cygnusf1_bright_2.3874	cygnusf1_bright	Ca41	720	02:41	+20:48:02.5	+30:40:24	-01:25	1.05	2024B-SAO-9	2x1	
domeflat.3875	cygnusf1_bright	Ca41	200	02:54	+20:48:02.9	+30:40:22	-01:12	1.03	2024B-SAO-9	2x1	

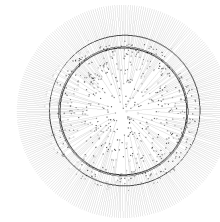
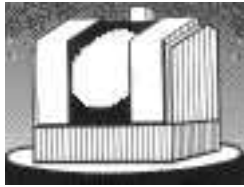


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File	Title	Filt	Exp	UT	RA	Dec	HA	Air	Prop	Bin	Comments
comp.3876	cygnusf1_bright	Ca41	250	02:58	+20:48:02.9	+30:40:22	-01:08	1.03	2024B-SAO-9	2x1	
cygnusf1_bright_2.3877	cygnusf1_bright	Na28	360	03:06	+20:48:02.5	+30:40:24	-01:00	1.02	2024B-SAO-9	2x1	Clear; WFS=1.79" (likely better)
cygnusf1_bright_2.3878	cygnusf1_bright	Na28	360	03:12	+20:48:02.5	+30:40:24	-00:53	1.02	2024B-SAO-9	2x1	
cygnusf1_bright_2.3879	cygnusf1_bright	Na28	360	03:19	+20:48:02.5	+30:40:24	-00:47	1.01	2024B-SAO-9	2x1	
domeflat.3880	cygnusf1_bright	Na28	20	03:26	+20:48:02.9	+30:40:22	-00:40	1.01	2024B-SAO-9	2x1	
comp.3881	cygnusf1_bright	Na28	240	03:27	+20:48:02.9	+30:40:22	-00:38	1.01	2024B-SAO-9	2x1	
w44f1_faint_1.3882	w44f1_faint	Na28	720	03:49	+18:55:56.8	+01:20:30	+01:34	1.26	2024B-SAO-9	2x1	Clear; WFS=1.11"
w44f1_faint_1.3883	w44f1_faint	Na28	720	04:02	+18:55:56.8	+01:20:30	+01:47	1.29	2024B-SAO-9	2x1	
w44f1_faint_1.3884	w44f1_faint	Na28	720	04:14	+18:55:56.8	+01:20:30	+02:00	1.33	2024B-SAO-9	2x1	
domeflat.3885	w44f1_faint	Na28	20	04:27	+18:55:56.6	+01:20:25	+02:13	1.38	2024B-SAO-9	2x1	
comp.3886	w44f1_faint	Na28	240	04:29	+18:55:56.6	+01:20:25	+02:14	1.38	2024B-SAO-9	2x1	
cygnusf1_bright_3.3887	cygnusf1_bright	Ca41	720	04:48	+20:51:20.7	+31:19:42	+00:38	1.01	2024B-SAO-9	2x1	Clear; WFS=0.9"
cygnusf1_bright_3.3888	cygnusf1_bright	Ca41	720	05:01	+20:51:20.7	+31:19:42	+00:51	1.01	2024B-SAO-9	2x1	
cygnusf1_bright_3.3889	cygnusf1_bright	Ca41	720	05:13	+20:51:20.7	+31:19:42	+01:04	1.02	2024B-SAO-9	2x1	
domeflat.3890	cygnusf1_bright	Ca41	200	05:27	+20:51:20.5	+31:19:38	+01:17	1.04	2024B-SAO-9	2x1	
comp.3891	cygnusf1_bright	Ca41	250	05:31	+20:51:20.5	+31:19:38	+01:21	1.04	2024B-SAO-9	2x1	
cygnusf1_bright_3.3892	cygnusf1_bright	Na28	360	05:38	+20:51:20.7	+31:19:42	+01:29	1.05	2024B-SAO-9	2x1	Clear; WFS=0.9"
cygnusf1_bright_3.3893	cygnusf1_bright	Na28	360	05:45	+20:51:20.7	+31:19:42	+01:35	1.06	2024B-SAO-9	2x1	
cygnusf1_bright_3.3894	cygnusf1_bright	Na28	360	05:52	+20:51:20.7	+31:19:42	+01:42	1.07	2024B-SAO-9	2x1	
domeflat.3895	cygnusf1_bright	Na28	20	05:59	+20:51:20.5	+31:19:38	+01:50	1.09	2024B-SAO-9	2x1	

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File	Title	Filt	Exp	UT	RA	Dec	HA	Air	Prop	Bin	Comments
comp.3896	cygnusf1_bright	Na28	240	06:01	+20:51:20.5	+31:19:38	+01:51	1.09	2024B-SAO-9	2x1	
g107f1_bright_1.3897	g107f1_bright	Ca41	720	06:18	+21:57:12.8	+66:59:29	+01:03	1.24	2024B-SAO-9	2x1	Clear; WFS=0.89"
g107f1_bright_1.3898	g107f1_bright	Ca41	720	06:31	+21:57:12.8	+66:59:29	+01:16	1.25	2024B-SAO-9	2x1	
g107f1_bright_1.3899	g107f1_bright	Ca41	720	06:44	+21:57:12.8	+66:59:29	+01:29	1.26	2024B-SAO-9	2x1	
domeflat.3900	g107f1_bright	Ca41	200	06:57	+21:57:12.3	+66:59:33	+01:42	1.27	2024B-SAO-9	2x1	
comp.3901	g107f1_bright	Ca41	250	07:01	+21:57:12.3	+66:59:33	+01:46	1.28	2024B-SAO-9	2x1	
g107f1_bright_2.3902	g107f1_bright	Ca41	720	07:19	+21:57:19.6	+66:00:47	+02:04	1.29	2024B-SAO-9	2x1	Clear; WFS=1.28"
g107f1_bright_2.3903	g107f1_bright	Ca41	720	07:32	+21:57:19.6	+66:00:47	+02:17	1.30	2024B-SAO-9	2x1	
g107f1_bright_2.3904	g107f1_bright	Ca41	720	07:45	+21:57:19.6	+66:00:47	+02:30	1.32	2024B-SAO-9	2x1	
domeflat.3905	g107f1_bright	Ca41	200	07:58	+21:57:19.1	+66:00:51	+02:43	1.35	2024B-SAO-9	2x1	
comp.3906	g107f1_bright	Ca41	250	08:02	+21:57:19.1	+66:00:51	+02:47	1.35	2024B-SAO-9	2x1	
g107f1_bright_2.3907	g107f1_bright	Na28	360	08:11	+21:57:19.6	+66:00:47	+02:56	1.37	2024B-SAO-9	2x1	Clear; WFS=1.28" (likely softer)
g107f1_bright_2.3908	g107f1_bright	Na28	360	08:17	+21:57:19.6	+66:00:47	+03:02	1.38	2024B-SAO-9	2x1	
g107f1_bright_2.3909	g107f1_bright	Na28	360	08:24	+21:57:19.6	+66:00:47	+03:09	1.40	2024B-SAO-9	2x1	
domeflat.3910	g107f1_bright	Na28	20	08:31	+21:57:19.1	+66:00:51	+03:16	1.41	2024B-SAO-9	2x1	
comp.3911	g107f1_bright	Na28	240	08:32	+21:57:19.1	+66:00:51	+03:18	1.42	2024B-SAO-9	2x1	
domeflat.3912	Hsu_28_Gaia2777586725059846016	OB21	20	08:53	+01:01:41.8	+15:25:48	+00:33	1.05	2024B-UAO-G204	1x1	
comp.3913	Hsu_28_Gaia2777586725059846016	OB21	240	08:54	+01:01:41.8	+15:25:48	+00:35	1.05	2024B-UAO-G204	1x1	
Hsu_28_Gaia2777586725059846016_1.3914	Hsu_28_Gaia2777586725059846016	OB21	2520	09:00	+01:01:41.8	+15:25:53	+00:40	1.05	2024B-UAO-G204	1x1	Clear; WFS=1.04"
Hsu_28_Gaia2777586725059846016_1.3915	Hsu_28_Gaia2777586725059846016	OB21	2520	09:43	+01:01:41.8	+15:25:53	+01:23	1.10	2024B-UAO-G204	1x1	



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comp.3916	Hsu_28_Gaia2777586 725059846016	OB21	240	10:26	+01:01:41.8	+15:25:48	+02:07	1.19	2024B-UAO- G204	1x1	
g159f1_bright_2.3917	g159f1_bright	Ca41	720	10:48	+05:16:04.3	+49:30:45	-01:45	1.11	2024B-SAO- 9	2x1	Clear; WFS=1.36"; maybe a bit close to the moon sorry
g159f1_bright_2.3918	g159f1_bright	Ca41	720	11:01	+05:16:04.3	+49:30:45	-01:33	1.10	2024B-SAO- 9	2x1	
g159f1_bright_2.3919	g159f1_bright	Ca41	720	11:13	+05:16:04.3	+49:30:45	-01:20	1.08	2024B-SAO- 9	2x1	
g159f1_bright_2.3920	g159f1_bright	Ca41	720	11:26	+05:16:04.3	+49:30:45	-01:07	1.07	2024B-SAO- 9	2x1	Extra exp for end-of-night timing
domeflat.3921	g159f1_bright	Ca41	200	11:40	+05:16:04.8	+49:30:48	-00:54	1.06	2024B-SAO- 9	2x1	
comp.3922	g159f1_bright	Ca41	250	11:44	+05:16:04.8	+49:30:48	-00:49	1.06	2024B-SAO- 9	2x1	
g159f1_bright_2.3923	g159f1_bright	Na28	360	11:51	+05:16:04.3	+49:30:45	-00:42	1.06	2024B-SAO- 9	2x1	Clear; WFS=1.36"
g159f1_bright_2.3924	g159f1_bright	Na28	360	11:58	+05:16:04.3	+49:30:45	-00:35	1.05	2024B-SAO- 9	2x1	
g159f1_bright_2.3925	g159f1_bright	Na28	360	12:05	+05:16:04.3	+49:30:45	-00:28	1.05	2024B-SAO- 9	2x1	
domeflat.3926	g159f1_bright	Na28	20	12:12	+05:16:04.8	+49:30:48	-00:21	1.05	2024B-SAO- 9	2x1	
comp.3927	g159f1_bright	Na28	240	12:13	+05:16:04.8	+49:30:48	-00:20	1.05	2024B-SAO- 9	2x1	
dark.3928	parked	Na28	900	12:49	-01:00:00.0	-100:00:00	-00:00	1.00	calibratio n	2x1	
dark.3929	parked	Na28	900	13:05	-01:00:00.0	-100:00:00	-00:00	1.00	calibratio n	2x1	
dark.3930	parked	Na28	900	13:21	-01:00:00.0	-100:00:00	-00:00	1.00	calibratio n	2x1	
dark.3931	parked	Na28	900	13:37	-01:00:00.0	-100:00:00	-00:00	1.00	calibratio n	1x1	
dark.3932	parked	Na28	900	13:53	-01:00:00.0	-100:00:00	-00:00	1.00	calibratio n	1x1	
dark.3933	parked	Na28	900	14:09	-01:00:00.0	-100:00:00	-00:00	1.00	calibratio n	1x1	
dark.3934	parked	Na28	900	14:25	-01:00:00.0	-100:00:00	-00:00	1.00	calibratio n	2x1	
dark.3935	parked	Na28	900	14:41	-01:00:00.0	-100:00:00	-00:00	1.00	calibratio n	2x1	