Filename	OBJECT	EXPTIME	FILTER	APERTUR	GRISM	AFILTER	BFILTER	UT	AIRMASS	NAXIS1	NAXIS2	TCSTGT
lb060001	bias	0.000	8 Open	8 Open	8 Open_(Lyot	Open	Empty	18.7963888889	1.0000009620	2102	2052	Invalid
lb060002	bias	0.000	8 Open	8 Open	8 Open_(Lyot	Open	Empty	18.8205555556	1.0000009617	2102	2052	Invalid
lb060003	bias	0.000	8 Open	8 Open	8 Open_(Lyot	Open	Empty	18.8447222222	1.0000009624	2102	2052	Invalid
lb060004	bias	0.000	8 Open	8 Open	8 Open_(Lyot	Open	Empty	18.8688888889	1.0000015059	2102	2052	Invalid
lb060005	bias	0.000	8 Open	8 Open	8 Open_(Lyot	Open	Empty	18.8930555556	1.0000014990	2102	2052	Invalid
lb060006	bias	0.000	8 Open	8 Open	8 Open_(Lyot	Open	Empty	18.9172222222	1.0000014990	2102	2052	Invalid
lb060007	bias	0.000	8 Open	8 Open	8 Open_(Lyot	Open	Empty	18.9413888889	1.0000014990	2102	2052	Invalid
lb060008	bias	0.000	8 Open	8 Open	8 Open_(Lyot	Open	Empty	18.9655555556	1.0000014990	2102	2052	Invalid
lb060009	bias	0.000	8 Open	8 Open	8 Open_(Lyot	Open	Empty	18.9897222222	1.0000014990	2102	2052	Invalid
lb060010	bias	0.000	8 Open	8 Open	8 Open_(Lyot	Open	Empty	19.0138888889	1.0000014990	2102	2052	Invalid
lb060011	flat	30.000	8 Open	2 Slit_1.0	1 Grism_#5	Open	Empty	19.1350000000	1.1530996077	2102	2052	Blank04h
lb060012	flat	45.000	8 Open	2 Slit_1.0	1 Grism_#5	Open	Empty	19.1688888889	1.1509177989	2102	2052	Blank04h
lb060013	flat	30.000	8 Open	8 Open	8 Open_(Lyot	FY#369.4	Empty	19.2211111111	1.1476463648	2102	2052	Blank04h
lb060014	flat	120.000	8 Open	8 Open	8 Open_(Lyot	FY#369.4	Empty	19.2686111111	1.1447616124	1051	1026	Blank04h
lb060015	flat	120.000	8 Open	8 Open	8 Open_(Lyot	FY#369.4	Empty	19.3102777778	1.1423575806	1051	1026	Blank04h
lb060016	flat	40.000	1 U#7	8 Open	8 Open_(Lyot	Open	Empty	19.3705555556	1.1390213707	2102	2052	Blank04h
lb060017	flat	120.000	1 U#7	8 Open	8 Open_(Lyot	Open	Empty	19.4058333333	1.1371626709	2102	2052	Blank04h
lb060018	flat	90.000	3 B#74	8 Open	8 Open_(Lyot	Open	Empty	19.4791666667	1.1334602188	2102	2052	Blank04h
lb060019	flat	180.000	3 B#74	8 Open	8 Open_(Lyot	Open	Empty	19.5288888889	1.1311382081	2102	2052	Blank04h
lb060020	flat	120.000	1 U#7	8 Open	8 Open_(Lyot	Open	Empty	19.9386111111	1.2017632157	2102	2052	SN2002ap
lb060021	flat	120.000	1 U#7	8 Open	8 Open_(Lyot	Open	Empty	20.0727777778	1.2267720340	2102	2052	SN2002ap
lb060022	flat	120.000	1 U#7	8 Open	8 Open_(Lyot	Open	Empty	20.1472222222	1.2414889097	2102	2052	SN2002ap
lb060023	SN2002ap	900.000	8 Open	2 Slit_1.0	5 Grism_#6	Open	Empty	20.2711111111	1.2679219174	2102	2052	SN2002ap
lb060024	He_lamp	10.000	8 Open	2 Slit_1.0	5 Grism_#6	Open	Empty	20.5747222222	1.3430941346	2102	2052	SN2002ap
lb060025	SN2002ap	900.000	8 Open	2 Slit_1.0	1 Grism_#5	Open	Empty	20.6344444444	1.3598376440	2102	2052	SN2002ap
lb060026	HeNe_lamp	5.000	8 Open	2 Slit_1.0	1 Grism_#5	Open	Empty	20.9302777778	1.4536058538	2102	2052	SN2002ap
lb060027	SN2002ap	60.000	4 R#76	8 Open	8 Open_(Lyot	Open	Empty	21.0230555556	1.4872693501	2102	2052	SN2002ap
lb060028	SN2002ap	60.000	4 R#76	8 Open	8 Open_(Lyot	Open	Empty	21.0641666667	1.5029592477	2102	2052	SN2002ap
lb060029	SN2002ap	60.000	4 R#76	8 Open	8 Open_(Lyot	Open	Empty	21.1055555556	1.5191886096	2102	2052	SN2002ap
lb060030	SN2002ap	60.000	4 R#76	8 Open	8 Open_(Lyot	Open	Empty	21.1661111111	1.0442733192	2102	2052	gd71
lb060031	SN2002ap	30.000	4 R#76	8 Open	8 Open_(Lyot	Open	Empty	21.2516666667	1.0403364256	2102	2052	gd71
lb060032	GD71	30.000	4 R#76	8 Open	8 Open_(Lyot	Open	Empty	21.2977777778	1.0383727363	2102	2052	gd71
lb060033	GD71	180.000	8 Open	2 Slit_1.0	5 Grism_#6	Open	Empty	21.3522222222	1.0362840642	2102	2052	gd71
lb060034	GD71	180.000	8 Open	2 Slit_1.0	1 Grism_#5	Open	Empty	21.4288888889	1.0336580235	2102	2052	gd71
lb060035	field0726a	1500.000	1 U#7	8 Open	8 Open_(Lyot	Open	Empty	21.5330555556	1.1110939994	1051	1026	field0726a

lb060036	field0726a	2400.000	8 Open	8 Open	8 Open_(Lyot	FY#369.4	Empty	21.9708333333	1.0676993844	1051	1026	field0726a
lb060037	He_lamp	5.000	8 Open	2 Slit_1.0	3 Grism_#8	Open	Empty	23.0255555556	3.4756118120	2102	2052	GD246
lb060038	Ne_lamp	5.000	8 Open	2 Slit_1.0	3 Grism_#8	Open	Empty	23.0519444444	3.4756118120	2102	2052	GD246
lb060039	Ne_lamp	0.000	8 Open	8 Open	Timeout	Open	Empty	23.2708333333	1.9595482395	1051	1026	PG1047
lb060040	Ne_lamp	0.000	8 Open	8 Open	Timeout	Open	Empty	23.2788888889	1.9538646175	1051	1026	PG1047
lb060041	Ne_lamp	0.000	8 Open	8 Open	Timeout	Open	Empty	23.2869444444	1.9481173061	1051	1026	PG1047
lb060042	Ne_lamp	0.000	8 Open	8 Open	Timeout	Open	Empty	23.2950000000	1.9424613820	1051	1026	PG1047
lb060043	Ne_lamp	0.000	8 Open	8 Open	Timeout	Open	Empty	23.3036111111	1.9363274542	1051	1026	PG1047
lb060044	Ne_lamp	0.000	8 Open	8 Open	Timeout	Open	Empty	23.3108333333	1.9312938895	1051	1026	PG1047
lb060045	Ne_lamp	0.000	8 Open	8 Open	Timeout	Open	Empty	23.3191666667	1.9257187401	1051	1026	PG1047
lb060046	Ne_lamp	0.000	8 Open	8 Open	Timeout	Open	Empty	23.3269444444	1.3181688700	1051	1026	PG1047
lb060047	Ne_lamp	0.000	8 Open	8 Open	Timeout	Open	Empty	23.3350000000	1.0000005830	1051	1026	PG1047
lb060048	Ne_lamp	0.000	8 Open	8 Open	Timeout	Open	Empty	23.3430555556	1.0000005832	1051	1026	PG1047
lb060049	GD71	120.000	1 U#7	8 Open	8 Open_(Lyot	Open	Empty	23.8086111111	1.1408714504	2102	2052	gd71
lb060050	field0726a	120.000	1 U#7	8 Open	8 Open_(Lyot	Open	Empty	23.9341666667	1.0104230849	2102	2052	field0726a
lb060051	field0726a	120.000	1 U#7	8 Open	8 Open_(Lyot	Open	Empty	0.0627777778	1.0134527930	2102	2052	Cand2
lb060052	field0726a	300.000	4 R#76	8 Open	8 Open_(Lyot	Open	Empty	0.3422222222	1.0233916488	2102	2052	field0726a
lb060053	Cand2	3000.000	8 Open	4 Slit_1.2	5 Grism_#6	Open	Empty	1.1052777778	1.0722444447	1051	1026	Cand2
lb060054	Cand2	3000.000	8 Open	4 Slit_1.2	5 Grism_#6	Open	Empty	1.9527777778	1.1731802224	1051	1026	Cand2
lb060055	Cand2	3000.000	8 Open	4 Slit_1.2	5 Grism_#6	Open	Empty	2.7947222222	1.3429742084	1051	1026	Cand2
lb060056	PG1047	300.000	8 Open	8 Open	8 Open_(Lyot	FY#369.4	Empty	3.7166666667	1.1674738861	1051	1026	PG1047
lb060057	PG1047	120.000	1 U#7	8 Open	8 Open_(Lyot	Open	Empty	3.8180555556	1.1747360176	1051	1026	PG1047
lb060058	PG1047	120.000	4 R#76	8 Open	8 Open_(Lyot	Open	Empty	3.8708333333	1.1788823633	2102	2052	PG1047
lb060059	Q1247	60.000	4 R#76	8 Open	8 Open_(Lyot	Open	Empty	3.9447222222	1.0249787469	2102	2052	Q1247
lb060060	Q1247	120.000	1 U#7	8 Open	8 Open_(Lyot	Open	Empty	3.9902777778	1.0226508459	1051	1026	Q1247
lb060061	Q1247	300.000	8 Open	8 Open	8 Open_(Lyot	FY#369.4	Empty	4.0333333333	1.0205548878	1051	1026	Q1247
lb060062	PG1047	60.000	4 R#76	8 Open	8 Open_(Lyot	Open	Empty	4.1480555556	1.2050154289	2102	2052	PG1047
lb060063	PG1047	300.000	8 Open	8 Open	8 Open_(Lyot	FY#369.4	Empty	4.1991666667	1.2106761562	1051	1026	PG1047
lb060064	PG1047	120.000	1 U#7	8 Open	8 Open_(Lyot	Open	Empty	4.2919444444	1.2215967097	1051	1026	PG1047
lb060065	PG1047	60.000	4 R#76	8 Open	8 Open_(Lyot	Open	Empty	4.3397222222	1.2276175703	2102	2052	PG1047
lb060066	Q1247	1500.000	1 U#7	8 Open	8 Open_(Lyot	Open	Empty	4.3930555556	1.0072677712	1051	1026	Q1247
lb060067	PG1047	120.000	1 U#7	8 Open	8 Open_(Lyot	Open	Empty	4.8300000000	1.3051199136	1051	1026	PG1047
lb060068	PG1047	300.000	8 Open	8 Open	8 Open_(Lyot	FY#369.4	Empty	4.8719444444	1.3132188223	1051	1026	PG1047
lb060069	PG1047	60.000	4 R#76	8 Open	8 Open_(Lyot	Open	Empty	4.9669444444	1.3326007369	2102	2052	PG1047
lb060070	Q1247	300.000	4 R#76	8 Open	8 Open_(Lyot	Open	Empty	5.0083333333	1.0011297066	2102	2052	Q1247
lb060071	Q1247	1500.000	1 U#7	8 Open	8 Open_(Lyot	Open	Empty	5.1175000000	1.0021557848	1051	1026	Q1247
lb060072	G12-43	120.000	1 U#7	8 Open	8 Open_(Lyot	Open	Empty	5.5530555556	1.0928100891	1051	1026	G1243
lb060073	G12-43	30.000	4 R#76	8 Open	8 Open_(Lyot	Open	Empty	5.6783333333	1.1017512729	2102	2052	G1243

lb060074	G12-43	15.000	4 R#76	8 Open	8 Open_(Lyot	Open	Empty	5.7255555556	1.1054333817	2102	2052	G1243
lb060075	G12-43	300.000	8 Open	8 Open	8 Open_(Lyot	FY#369.4	Empty	5.7944444444	1.1111586397	1051	1026	G1243
lb060076	G12-43	120.000	1 U#7	8 Open	8 Open_(Lyot	Open	Empty	5.9119444444	1.1218300221	1051	1026	G1243
lb060077	G12-43	15.000	4 R#76	8 Open	8 Open_(Lyot	Open	Empty	5.9594444444	1.1264704283	2102	2052	G1243
lb060078	G12-43	600.000	8 Open	8 Open	8 Open_(Lyot	FY#369.4	Empty	5.9977777778	1.1303590584	1051	1026	G1243
lb060079	PG1323	15.000	4 R#76	8 Open	8 Open_(Lyot	Open	Empty	6.1930555556	1.2856555372	1051	1026	PG1323
lb060080	PG1323	15.000	1 U#7	8 Open	8 Open_(Lyot	Open	Empty	6.2183333333	1.2874488338	2102	2052	PG1323
lb060081	PG1323	15.000	4 R#76	8 Open	8 Open_(Lyot	Open	Empty	6.2713888889	1.2914423521	2102	2052	PG1323
lb060082	PG1323	45.000	1 U#7	8 Open	8 Open_(Lyot	Open	Empty	6.3011111111	1.2938280996	1051	1026	PG1323
lb060083	PG1323	300.000	8 Open	8 Open	8 Open_(Lyot	FY#369.4	Empty	6.3397222222	1.2970327286	1051	1026	PG1323
lb060084	PG1323	15.000	4 R#76	8 Open	8 Open_(Lyot	Open	Empty	6.4350000000	1.3056744468	2102	2052	PG1323
lb060085	PG1323	15.000	4 R#76	8 Open	8 Open_(Lyot	Open	Empty	6.4647222222	1.3085709889	2102	2052	PG1323
lb060086	PG1323	45.000	1 U#7	8 Open	8 Open_(Lyot	Open	Empty	6.4941666667	1.3115736977	1051	1026	PG1323
lb060087	PG1323	45.000	1 U#7	8 Open	8 Open_(Lyot	Open	Empty	6.5161111111	1.3138367259	1051	1026	PG1323
lb060088	PG1323	300.000	8 Open	8 Open	8 Open_(Lyot	FY#369.4	Empty	6.5469444444	1.3171391334	1051	1026	PG1323
lb060089	PG1323	300.000	8 Open	8 Open	8 Open_(Lyot	FY#369.4	Empty	6.6425000000	1.3280890546	1051	1026	PG1323
lb060090	flat	45.000	6 I#11	8 Open	8 Open_(Lyot	Open	Empty	7.3747222222	1.1417881045	2102	2052	Blank13h
lb060091	flat	40.000	6 I#11	8 Open	8 Open_(Lyot	Open	Empty	7.4127777778	1.1472761268	2102	2052	Blank13h
lb060092	flat	20.000	6 I#11	8 Open	8 Open_(Lyot	Open	Empty	7.4544444444	1.1534971846	2102	2052	Blank13h
lb060093	flat	15.000	4 R#76	8 Open	8 Open_(Lyot	Open	Empty	7.4902777778	1.1589427953	2102	2052	Blank13h
lb060094	flat	7.000	4 R#76	8 Open	8 Open_(Lyot	Open	Empty	7.5308333333	1.1652809897	2102	2052	Blank13h
lb060095	flat	5.000	2 V#75	8 Open	8 Open_(Lyot	Open	Empty	7.5625000000	1.1703836528	2102	2052	Blank13h
lb060096	flat	3.000	2 V#75	8 Open	8 Open_(Lyot	Open	Empty	7.5930555556	1.1753711133	2102	2052	Blank13h
lb060097	flat	3.000	1 U#7	8 Open	8 Open_(Lyot	Open	Empty	7.6222222222	1.1802292862	1051	1026	Blank13h
lb060098	flat	2.000	1 U#7	8 Open	8 Open_(Lyot	Open	Empty	7.6325000000	1.1820004703	1051	1026	Blank13h
lb060099	bias	0.000	8 Open	8 Open	8 Open_(Lyot	Open	Empty	7.6719444444	1.1887625068	1051	1026	Blank13h
lb060100	bias	0.000	8 Open	8 Open	8 Open_(Lyot	Open	Empty	7.6802777778	1.1901668033	1051	1026	Blank13h
lb060101	bias	0.000	8 Open	8 Open	8 Open_(Lyot	Open	Empty	7.6880555556	1.1915399813	1051	1026	Blank13h
lb060102	bias	0.000	8 Open	8 Open	8 Open_(Lyot	Open	Empty	7.6961111111	1.1929486468	1051	1026	Blank13h
lb060103	bias	0.000	8 Open	8 Open	8 Open_(Lyot	Open	Empty	7.7041666667	1.1943602457	1051	1026	Blank13h
lb060104	bias	0.000	8 Open	8 Open	8 Open_(Lyot	Open	Empty	7.7127777778	1.1958676749	1051	1026	Blank13h
lb060105	bias	0.000	8 Open	8 Open	8 Open_(Lyot	Open	Empty	7.7202777778	1.1972277940	1051	1026	Blank13h
lb060106	bias	0.000	8 Open	8 Open	8 Open_(Lyot	Open	Empty	7.7283333333	1.1986673800	1051	1026	Blank13h

lb060107	bias	0.000	8 Open	8 Open	8 Open_(Lyot	Open	Empty	7.7363888889	1.1354343932	1051	1026	Blank13h
lb060108	bias	0.000	8 Open	8 Open	8 Open_(Lyot	Open	Empty	7.7444444444	1.0000035629	1051	1026	Blank13h
lb060109	bias	0.000	8 Open	8 Open	8 Open_(Lyot	Open	Empty	7.7563888889	1.0000035629	2102	2052	Blank13h
lb060110	bias	0.000	8 Open	8 Open	8 Open_(Lyot	Open	Empty	7.7800000000	1.0000035629	2102	2052	Blank13h
lb060111	bias	0.000	8 Open	8 Open	8 Open_(Lyot	Open	Empty	7.8041666667	1.0000035629	2102	2052	Blank13h
lb060112	bias	0.000	8 Open	8 Open	8 Open_(Lyot	Open	Empty	7.8288888889	1.0000035629	2102	2052	Blank13h
lb060113	bias	0.000	8 Open	8 Open	8 Open_(Lyot	Open	Empty	7.8525000000	1.0000035629	2102	2052	Blank13h
lb060114	bias	0.000	8 Open	8 Open	8 Open_(Lyot	Open	Empty	7.8777777778	1.0000035629	2102	2052	Blank13h
lb060115	bias	0.000	8 Open	8 Open	8 Open_(Lyot	Open	Empty	7.9011111111	1.0000035636	2102	2052	Blank13h
lb060116	bias	0.000	8 Open	8 Open	8 Open_(Lyot	Open	Empty	7.9252777778	1.0000035629	2102	2052	Blank13h
lb060117	bias	0.000	8 Open	8 Open	8 Open_(Lyot	Open	Empty	7.9494444444	1.0000035629	2102	2052	Blank13h
lb060118	bias	0.000	8 Open	8 Open	8 Open_(Lyot	Open	Empty	7.9744444444	1.0000035629	2102	2052	Blank13h