

High Light Optics UK Ltd
Aspheric Lens List 1

Code No.	E.F.L	Diameter	C.T	E.T	Aspheric	R2	Material	Remarks
HL-AS-001	26.52	35	16	2	AS	0	B270	
HL-AS-002	35	46	17	2.55	AS	0	B270	
HL-AS-003	73.5	53	12.003	2.3	AS	0	B270	
HL-AS-004	115.86	88.9	17.33	2	AS	280.934	B270	
HL-AS-005	92.03	88.9	21.15	2	AS	221.03	B270	
HL-AS-006	54.135	50	12.5	2.3	AS	130	B270	
HL-AS-007	46	60	21.84	3	AS	0	B270	
HL-AS-008	33	52	32.56	2.5	AS	0	B270	
HL-AS-009	65.58	58	12.5	1.5	AS	94.3802	B270	
HL-AS-010	77.8	100	31.49	3	AS	63.6562	B270	
HL-AS-011	86.96	100	29.02	3	AS	69.853	B270	23°
HL-AS-012	191.67	100	15.67	3	AS	71.9285	B270	15°
HL-AS-013	106.85	100	25.02	3	AS	88.8375	B270	36°
HL-AS-014	146.42	120	26.48	3	AS	112.89	B270	26°
HL-AS-015	199.75	120	20.44	3	AS	180.309	B270	19°
HL-AS-016	99.61	100	29.7	3	AS	92.3193	B270	
HL-AS-017	210.56	100	15.339	2.95	AS	94.2652	B270	
HL-AS-018	206.44	100	15.88	3	AS	87.83	B270	
HL-AS-019	44	50	18.9	1.8	AS	0	B270	
HL-AS-020	102.2	110	29.39	2	AS	115.7	B270	40°
HL-AS-021	137	120	26.6	2	AS	157.78	B270	30°
HL-AS-022	215.43	120	17.81	2	AS	230	B270	20°
HL-AS-023	98.886	100	21.8	2.3	AS	405.6	B270	
HL-AS-024	80.55	100	30.27	2	AS	102	B270	50°
HL-AS-025	144.35	115	24	2.4	AS	346.46	B270	28°
HL-AS-026	44.28	60	21.97	3	AS	0	PYREX	
HL-AS-027	96	64	12.68	2	AS	240	B270	
HL-AS-028	112	110	30.608	2	AS	107.5	B270	
HL-AS-029	147	120	24.365	2	AS	166.5	B270	26°
HL-AS-030	216.6	120	18.24	2	AS	230	B270	21°
HL-AS-031	91.5	80	17.816	2	AS	115.2	B270	

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HL-AS-032	78.4	69.3	17.25	3.48	AS	0	B270	
HL-AS-033	100.6	70	17	3.72	AS	-166.529	B270	
HL-AS-034	128	84	12.36	1	AS	650	B270	
HL-AS-035	56	50	11.7	1	AS	72	B270	
HL-AS-036	78.4	70	17.24	3.21	AS	0	B270	
HL-AS-037	299.83	150	21.14	3	AS	559.8	B270	
HL-AS-038	85.4	70	16	2.54	AS	-164.354	SK15	
HL-AS-039	101.3	70	14.16	4.76	AS	227.809	SK15	
HL-AS-040	44.28	60	21.97	3	AS	0	PYREX	
HL-AS-041	27.27	16	4	2.1	AS	-144.64	F2	
HL-AS-042	-202.28	80	10.86	18.26	AS	746.841	BK7	
HL-AS-043	44.5	65.5	28.5	2.5	AS	0	BOROSILICAT	
HL-AS-044	225.54	120	19.09	3	AS		BOROSILICAT	
HL-AS-045	172.6	112	19.24	2	AS			26°
HL-AS-046	110.32	100	32.45	3.2	AS	77.553	B270	50°
HL-AS-047	35	48	18.3	2.6	AS	0	BOROSILICAT	
HL-AS-048	33	52	25	3	AS	0	B270	
HL-AS-049	115.97	88.9	19.1	2	AS	191.5	BOROSILICAT	
HL-AS-050	48	40	12.6	2.5	AS	0	B270	
HL-AS-051	36.96	52	24.54	2	AS	0	BOROSILICAT	
HL-AS-052	125.23	100	21.25	2.04	AS	300.42	BOROSILICAT	
HL-AS-053	31.21	26	10.4	5.13	AS	101.195	B270	
HL-AS-054	25	32.9	13	2.77	AS	0	K9	
HL-AS-055	17.07	13	4	1.42	AS	-150	K9	
HL-AS-056	25	29.5	10.43	2	AS	0	B270	
HL-AS-057	63.6	46.8	9.75	1.3	AS	0	B270	
HL-AS-058	7.46	12	5.5	0.75	AS	12.5	B270	
HL-AS-059	8.5	12	5.5	1.5	AS	12	B270	
HL-AS-060	33	52	25	2.5	AS	0	B270	
HL-AS-061	12	18	8.8	3	AS	30.76	B270	
HL-AS-062	200	152.4	32	3	AS	206.55	BOROSILICAT	
HL-AS-063	250	203	35	3	AS	261.5	BOROSILICAT	
HL-AS-064	355	203	28	3	AS	348.67	BOROSILICAT	
HL-AS-065	355	254	38.5	3	AS	348.67	BOROSILICAT	
HL-AS-066	42.6	48	17	2.5	AS	0	K9	
HL-AS-067	70	68	25	3.5	AS	400	BOROSILICAT	
HL-AS-068	250	200	49	6	AS	0	K9	
HL-AS-069	33	52	25	3	AS	0	B270	
HL-AS-070	400	200	30	3	AS	0	B270	

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HL-AS-071	209.23	152	30.91	3	AS	206.548	K9	
HL-AS-072	230	110	16	3	AS	0	BOROSI	
HL-AS-073	28.5	40	15	2.3	AS	0	K9	
HL-AS-074	416.37	151.4	16.31	3	AS	0	K9	
HL-AS-075	25	20	7	2.5	AS	107.709	K9	
HL-AS-076	61.5	60	28	2.5	AS	294.33	PYREX	
HL-AS-077	55.46	68	24.2	2.6	AS	0	PYREX	
HL-AS-078	59.5	80	32.15	2.9	AS	0	PYREX	
HL-AS-079	67.55	80	26.4	3.5	AS	211.32	PYREX	
HL-AS-080	22.5	24.35	9.2	2.5	AS	30	NSL5	
HL-AS-081	15.6	20	12.3	5.27	AS	25	NSL5	
HL-AS-082	55	58	26.45	4.5	AS	157.86	K9	
HL-AS-083	127.82	120	29.94	2	AS	300.456	BK7	
HL-AS-084	193.17	114.5	18.37	2	AS	203.157	BK7	17°
HL-AS-085	17.5	13.9	3.7	1.5	AS	0	K9	
HL-AS-086	211.01	130	22	3	AS	191.048	BK7	19°
HL-AS-087	188.91	130	18.06	3	AS	500	BK7	
HL-AS-088	264.32	120	18.31	5	AS	-500	BK7	
HL-AS-089	36	60	26	2.2	AS	80	B270	
HL-AS-090	6	25.4	6.75	1.27	AS	0	K9	
HL-AS-091	23	29.9	12	2	AS	0	K9	
HL-AS-092	79.9	100	34	2	AS	115.2241	PYREX	50°
HL-AS-093	205	120	20.6	2	AS	500	PYREX	
HL-AS-094	18	24.4	10	1.7	AS	0	K9	
HL-AS-095	115	88.9	17.7	2	AS	254.32	K9	
HL-AS-096	103	110	29.6	2	AS	114.35	K9	
HL-AS-097	138	120	26.8	2	AS	155.77	K9	
HL-AS-098	216	120	18	2	AS	225.18	K9	
HL-AS-099	81	100	30.6	2	AS	99.67	K9	
HL-AS-100	145	115	24.2	2.4	AS	332.74	K9	
HL-AS-101	250	151.5	25.22	3	AS	0	K9	
HL-AS-102	600	230	24.34	3	AS	0	K9	
HL-AS-103	230.86	130	22	3	AS	192.3	PYREX	
HL-AS-104	189.62	130	18	2.52	AS	500	PYREX	
HL-AS-105	268.53	120	20	6.74	AS	-500	BK7	
HL-AS-106	45	60	26.4	2.4	AS	79.19	QUARTZ	
HL-AS-107	246.12	203	55	5	AS	0	SCHOTT 8488	
HL-AS-108	35.84	52	24.5	2.5	AS	0	BOROSILICAT	
HL-AS-109	17	25.3	11	2	AS	0	K9	

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HL-AS-110	59.72	25	5	1.62	AS	0	BK7	
HL-AS-111	114	70	16.44	3	AS	0	PYREX	
HL-AS-114	21.8	25.4	9.8	2	AS	AS	QUARTZ	
HL-AS-115	29.45	32.5	11.2	2.1	AS	71.12	K9	
HL-AS-117	50.5	46	21.2	2	AS	0	PYREX	
HL-AS-118	138.41	80	15.24	3.7	AS	0	K9	
HL-AS-119	93.37	88.9	22.8	2	AS	221	BK7	
HL-AS-120	31.8	50	27	3.4	AS	0	K9	
HL-AS-121	180	109.5	18.65	2.7	AS	177.03	BK7	26°
HL-AS-122	25	21	7.5	2.5	AS	106.2	K9	
HL-AS-123	230	127	19.45	2.8	AS	257.18	BK7	19°
HL-AS-124	29.2	25.5	6.7	1.9	AS	0	ZK9	
HL-AS-125	55	52.8	20	2.5	AS	0	K9	
HL-AS-126	50	48	17	2.5	AS	0	K9	
HL-AS-127	93.37	88.9	22.8	2	AS	221	BK7	
HL-AS-128	31.28	38.6	19.2	7.01	AS	84.125	B270	
HL-AS-129	137.35	109.5	24.07	3	AS	261.88	BK7	36°
HL-AS-130	106.85	97	23.74	3	AS	89.15	BK7	50°
HL-AS-131	270	180	38.41	4	AS	0	PYREX	
HL-AS-132	43.96	48.5	40	25.8	AS	AS	K9	
HL-AS-133	100	50	6	6	AS	206	K9	
HL-AS-134	53	68	26.1	2.1	AS	0	PYREX	
HL-AS-135	35.45	48	18.3	2.6	AS	0	K9	
HL-AS-136	33.43	50	25	3	AS	0	K9	
HL-AS-137	36.5	48	23.74	4.5	AS	0	PYREX	
HL-AS-138	43.24	50	19	1.9	AS	0	PYREX	
HL-AS-139	45.56	54	20.43	3	AS	0	PYREX	
HL-AS-140	49.49	50	13	3.2	AS	0	K9	
HL-AS-141	375	200	36.87	6	AS	-418.3	PYREX	
HL-AS-142	29.5	40	15.5	3.75	AS	67.75	K9	
HL-AS-143	10.5	12	5.6	1.9	AS	25	K9	
HL-AS-144	109.45	68.5	16.64	2.1	AS	107.95	PYREX	
HL-AS-145	127.46	100	21.3	3	AS	295	B270	
HL-AS-146	329.88	160	20.8	3	AS	915	B270	
HL-AS-149	144.52	95	19.1	2.7	AS	-869.19	K9	
HL-AS-150	23.82	14.5	4.19	2.77	AS	38.01	ZF13	
HL-AS-151	35.96	51.7	22.7	0.5	AS	0	PYREX	
HL-AS-152	98	68.5	14.1	2.6	AS	108.44	K9	
HL-AS-153	144.5	93	19.2	2.8	AS	-773.45	K9	
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HL-AS-154	47.625	76.2	34.15	2.5	AS	0	BOROSILICAT	

HL-AS-155	29.5	40	15.5	2.6	AS	99.39	K9	
HL-AS-156	12	15	5.5	1.5	AS	0	K9	
HL-AS-157	126.1	120	29.1	2	AS	300.46	B270	
HL-AS-158	349.11	152.4	18	2	AS	849	B270	
HL-AS-159	55.6	67.5	25.5	3.8	AS	0	K9	
HL-AS-160	48	35	10.04	2.3	AS	0	PYREX	
HL-AS-161	43.24	50	21	3.9	AS	0	PYREX	
HL-AS-162	74.47	35	10.04	2.3	AS	0	PYREX	
HL-AS-163	45	35	9.5	2	AS	0	PYREX	
HL-AS-164	29.5	40	15.68	2	AS	118.76	PYREX	
HL-AS-165	143.78	95	19.2	2	AS	-820.3	K9	
HL-AS-166	8.5	12	5.5	1.65	AS	11.72	K9	
HL-AS-167	100.68	68.5	12.9	2.1	AS	108	K9	
HL-AS-168	145.95	95	19.1	2.74	AS	-773.35	K9	
HL-AS-169	57.8	79	30.2	3	AS	0	PYREX	
HL-AS-170	127.63	68.5	10.5	2	AS	130	K9	
HL-AS-171	172.11	150	32.8	4.3	AS	280	K9	
HL-AS-172	51	51	21.8	2	AS	0	K9	
HL-AS-173	53	63	23.5	2.7	AS	0	K9	
HL-AS-174	15.7	30.8	15.4	1.4	AS	AS	K9	
HL-AS-175	19.29	30.8	13.9	2.34	AS	AS	K9	
HL-AS-176	68.88	50	12.85	4.09	AS	AS	K9	
HL-AS-177	42.44	42	14.25	4.22	AS	AS	K9	
HL-AS-178	38.01	42	13.25	2.16	AS	AS	K9	
HL-AS-179	36	42	14.9	3.14	AS	AS	K9	
HL-AS-180	27.86	42	16	1.14	AS	AS	K9	
HL-AS-181	44.88	50	16.75	3.43	AS	AS	K9	
HL-AS-182	25	30	12.73	3	AS	70.714	PYREX	
HL-AS-183	15	18	6.83	2.5	AS	0	B270	
HL-AS-184	117.39	90	17.77	2	AS	280.93	BK7	36°
HL-AS-185	218.17	110	15.33	2	AS	230.92	BK7	19°
HL-AS-186	174.61	110	19.24	2.5	AS	166.7	BK7	26°
HL-AS-187	33	51	21.9	3.2	AS	0	K9	
HL-AS-188	60	90	24.5	3	AS	0	K9	
HL-AS-190	35.84	52	25	2.5	AS	0	BORO	
HL-AS-191	11.2	8	2.5	1.43	AS	0	ZF10	
HL-AS-192	35.84	52	25	2.6	AS	0	BOROSILICAT	
HL-AS-193	12.77	21.54	9	0.52	AS	AS	K9	
HL-AS-194	12.6	27.1	10.25	0.96	AS	AS	LAL-59(734-515)	
HL-AS-195	10.05	24.46	9.9	0.84	AS	AS	LAL-59(734-515)	