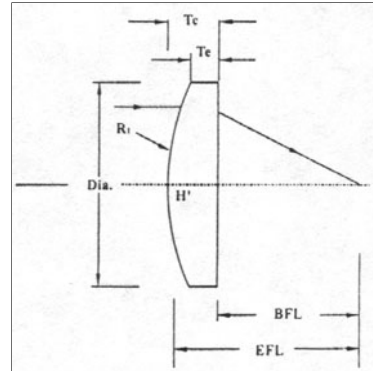




The Precision People

AL11--BK7 Plano Convex Lenses

Material: BK7 grade A optical glass
 Design Wavelength: 587.6nm
 Diameter Tolerance: +0.0/-0.1mm
 Center Thickness Tolerance: ±0.2mm
 Surface Figure: λ/4 @632.8nm
 Focal Length Tolerance: ±2%
 Centering Tolerance: 3 arc minutes
 Design Wavelength: 587.6nm



Catalog No.	Dia.	EFL	BFL	R ₁	T _c	T _e
AL11-004-005	4.0	5.0	3.747	2.582	1.9	0.95
AL11-004-006	4.0	6.3	5.179	3.253	1.7	1.01
AL11-004-010	4.0	10.0	8.883	5.17	1.7	1.30
AL11-006-008	6.3	8.0	6.283	4.13	2.6	1.14
AL11-006-010	6.3	10.0	8.297	5.17	2.6	1.53
AL11-006-012	6.3	12.5	10.98	6.455	2.3	1.48
AL11-006-016	6.3	16.0	14.615	8.262	2.1	1.48
AL11-006-020	6.3	20.0	18.744	10.36	2.0	1.51
AL11-006-025	6.3	25.0	23.748	12.91	1.9	1.51
AL11-006-040	6.3	40.0	38.87	20.65	1.7	1.46
AL11-006-063	6.3	63.0	61.818	32.5	1.7	1.55
AL11-010-012	10.0	12.5	9.929	6.455	3.9	1.53
AL11-010-016	10.0	16.0	13.89	8.262	3.2	1.52
AL11-010-020	10.0	20.0	18.217	10.36	2.8	1.51
AL11-010-025	10.0	25.0	23.353	12.91	2.5	1.49
AL11-010-032	10.0	31.5	29.992	16.27	2.3	1.51
AL11-010-040	10.0	40.0	38.606	20.65	2.1	1.49
AL11-010-050	10.0	50.0	48.723	25.84	2.0	1.51
AL11-010-063	10.0	63.0	61.686	32.5	1.9	1.51
AL11-010-100	10.0	100.0	98.885	51.64	1.7	1.46
AL11-016-020	16.0	20.0	16.898	10.36	4.8	1.02
AL11-016-025	16.0	25.0	22.364	12.91	4.0	1.22
AL11-016-032	16.0	31.5	39.134	16.27	3.6	1.50
AL11-016-040	16.0	40.0	37.946	20.65	3.1	1.49
AL11-016-050	16.0	50.0	48.195	25.84	2.8	1.53
AL11-016-063	16.0	63.0	61.291	32.5	2.5	1.50
AL11-016-080	16.0	80.0	78.465	41.3	2.3	1.52
AL11-016-100	16.0	100.0	98.621	51.64	2.1	1.48
AL11-016-160	16.0	160.0	158.75	82.62	1.9	1.51
AL11-025-025	25.0	25.4	18.031	13.11	11.16	2.0
AL11-025-032	25.0	31.5	26.328	16.266	7.86	2.0
AL11-025-032	25.0	31.5	26.328	16.266	7.86	2.00
AL11-025-040	25.0	40.0	35.893	20.65	6.21	2.0
AL11-025-050	25.0	50.0	46.096	25.84	4.7	1.47
AL11-025-063	25.0	63.0	59.472	32.5	4.0	1.50
AL11-025-080	25.0	80.0	77.385	41.3	3.94	2.0
AL11-025-100	25.0	100.0	97.674	51.64	3.54	2.0
AL11-025-125	25.0	125.0	122.882	64.55	3.22	2.0
AL11-025-160	25.0	160.0	158.055	82.62	2.95	2.0
AL11-025-200	25.0	200.0	198.19	103.28	2.76	2.0
AL11-025-250	25.0	250.0	248.57	129.24	2.61	2.0
AL11-025-400	25.0	400.0	397.564	206.1	2.38	2.0
AL11-025-500	25.0	500.0	498.472	258.18	2.30	2.0
AL11-025-1000	25.0	1000.0	998.83	516.5	2.15	2.0
AL11-040-050	40.0	50.0	42.142	25.84	11.98	2.5
AL11-040-063	40.0	63.0	56.752	32.5	9.38	2.5

Plano Convex Lenses from Align Optics

AL11-040-080	40.0	80.0	74.9267	41.3	7.67	2.5
AL11-040-100	40.0	100.0	95.699	51.64	6.53	2.5
AL11-040-125	40.0	125.0	121.26	64.55	5.68	2.5
AL11-040-160	40.0	160.0	156.73	82.62	4.96	2.5
AL11-040-200	40.0	200.0	197.07	103.28	4.45	2.5
AL11-040-250	40.0	250.0	247.61	129.24	4.06	2.5
AL11-040-500	40.0	500.0	497.83	258.18	3.28	2.5
AL11-050-063	50.0	63.0	53.223	32.5	14.73	3.0
AL11-050-080	50.0	80.0	72.446	41.3	11.43	3.0
AL11-050-100	50.0	100.0	93.771	51.64	9.45	3.0
AL11-050-160	50.0	160.0	155.469	82.62	6.87	3.0
AL11-050-250	50.0	250.0	246.700	129.24	5.44	3.0
AL11-050-500	50.0	500.0	497.212	258.18	4.21	3.0
AL11-063-100	63.0	100.0	90.958	51.64	13.72	3.0
AL11-063-125	63.0	125.0	117.616	64.55	11.21	3.0
AL11-063-160	63.0	160.0	153.908	82.62	9.24	3.0
AL11-063-250	63.0	250.0	245.74	129.24	6.9	3.0
AL11-063-500	63.0	500.0	496.74	258.18	3.93	3.0
AL11-063-1000	63.0	1000.0	997.64	516.5	3.96	3.0
AL11-100-160	100.0	160.0	146.253	82.62	20.85	4.0
AL11-100-250	100.0	250.0	241.37	129.24	14.05	4.0
AL11-100-500	100.0	500.0	494.129	258.18	8.89	4.0

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