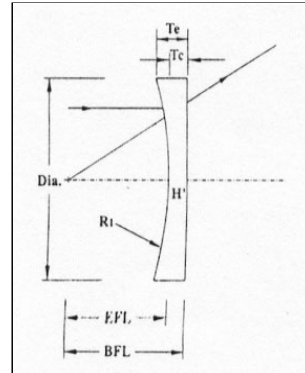




AL23--Fused Silica Plano-Concave Lenses

Material:	UV Grade Fused Silica
Design Wavelength:	587.6nm; n=1.45848
Diameter Tolerance:	+0.0/-0.1mm
Center Thickness Tolerance:	±0.2mm
Focal Length Tolerance:	±2%
Centering Tolerance:	3 arc minutes
Surface Quality:	40/20 scratch-dig
Clear Aperture:	>90%
Surface Irregularity:	λ/4 @632.8nm
Bevel:	0.2mmX45°
Coatings:	without coating



Catalog No.	Dia.	EFL	BFL	R ₁	T _c	T _e
AL23-004-006	4.0	-6.3	-7.33	-2.89	1.5	2.30
AL23-004-010	4.0	-10.0	-11.063	-4.585	1.55	2.00
AL23-004-015	4.0	-15.0	-6.172	-6.877	1.71	2.00
AL23-004-020	4.0	-20.0	-21.221	-9.17	1.78	2.00
AL23-006-010	6.3	-10.0	-10.686	-4.585	1.0	2.25
AL23-006-012	6.3	-12.5	-13.528	-5.731	1.5	2.44
AL23-006-015	6.3	-15.0	-16.028	-6.877	1.5	2.26
AL23-006-020	6.3	-20.0	-21.029	-9.17	1.5	2.06
AL23-006-025	6.3	-25.0	-26.028	-11.462	1.5	1.94
AL23-006-040	6.3	-40.0	-41.371	-18.339	2.0	2.27
AL23-006-050	6.3	-50.0	-51.371	-22.924	2.0	2.22
AL23-010-012	10.0	-12.5	-13.528	-5.731	1.5	4.43
AL23-010-015	10.0	-15.0	-16.028	-6.877	1.5	3.65
AL23-010-020	10.0	-20.0	-21.029	-9.17	1.5	2.98
AL23-010-025	10.0	-25.0	-26.028	-11.462	1.5	2.64
AL23-010-040	10.0	-40.0	-41.028	-18.339	1.5	2.19
AL23-010-050	10.0	-50.0	-51.028	-22.924	1.5	2.05
AL23-012-020	12.7	-20.0	-21.029	-9.17	1.5	4.05
AL23-012-025	12.7	-25.0	-26.028	-11.462	1.5	3.42
AL23-012-030	12.7	-30.0	-31.028	-13.754	1.5	3.05
AL23-012-040	12.7	-40.0	-41.028	-18.339	1.5	2.63
AL23-012-050	12.7	-50.0	-51.028	-22.924	1.5	2.40
AL23-012-100	12.7	-100.0	-101.028	-45.848	1.7	2.14
AL23-025-035	25.4	-35.0	-36.372	-16.047	2.0	8.24
AL23-025-050	25.4	-50.0	-51.371	-22.924	2.0	5.84
AL23-025-075	25.4	-75.0	-76.371	-34.386	2.0	4.43
AL23-025-100	25.4	-100.0	-101.371	-45.848	2.0	3.79
AL23-025-150	25.4	-150.0	-151.371	-68.772	2.0	3.18
AL23-025-175	25.4	-175.0	-176.371	-80.234	2.0	3.01
AL23-025-200	25.4	-200.0	-201.38	-91.70	2.0	2.88
AL23-025-250	25.4	-250.0	-251.371	-114.62	2.0	2.77
AL23-025-400	25.4	-400.0	-401.367	-183.39	2.0	2.44