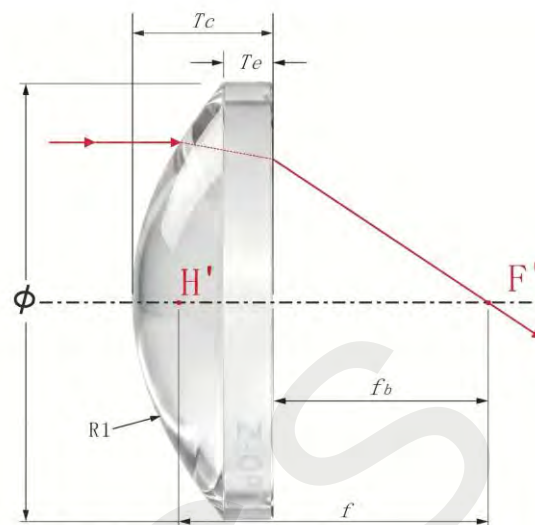


CaF2 Plano Convex Lens

Specifications:

- **Material:** Calcium Fluoride CaF2 Single Crystal
- **Design Wavelength:** 587.6nm
- **Diameter Tolerance:** +0.0 / -0.1 mm
- **Center Thickness Tolerance:** ± 0.1 mm
- **Focal Length Tolerance (EFL):** $\pm 1\%$
- **Lens Centration Tolerance:** < 3 arcmin
- **Surface Quality:** 60-40
- **Chamfer:** 0.2 mm $\times$ 45°



Part no	Dia. (mm)	F (mm)	Tc (mm)	Te (mm)	R (mm)	BFL (mm)	Coating
LEN0127-020-43-CaF2	12.7	20	4.3	1.5	8.7	17	Uncoated
LEN0127-020-43-CaF2-IR1	12.7	20	4.3	1.5	8.7	17	IR1 Coating Ravg $< 1.5\%$ @ 3~5 μ m
LEN0127-050-25-CaF2	12.7	50	2.5	1.5	21.7	48.3	Uncoated
LEN0127-050-25-CaF2-IR1	12.7	50	2.5	1.5	21.7	48.3	IR1 Coating Ravg $< 1.5\%$ @ 3~5 μ m
LEN0127-080-21-CaF2	12.7	80	2.1	1.5	34.7	78.5	Uncoated
LEN0127-080-21-CaF2-IR1	12.7	80	2.1	1.5	34.7	78.5	IR1 Coating Ravg $< 1.5\%$ @ 3~5 μ m
LEN0254-050-61-CaF2	25.4	50	6.1	2	21.7	45.7	Uncoated
LEN0254-050-61-CaF2-IR1	25.4	50	6.1	2	21.7	45.7	IR1 Coating Ravg $< 1.5\%$ @ 3~5 μ m
LEN0254-075-46-CaF2	25.4	75	4.6	2	32.5	71.8	Uncoated
LEN0254-075-46-CaF2-IR1	25.4	75	4.6	2	32.5	71.8	IR1 Coating Ravg $< 1.5\%$ @ 3~5 μ m
LEN0254-100-39-CaF2	25.4	100	3.9	2	43.4	97.3	Uncoated
LEN0254-100-39-CaF2-IR1	25.4	100	3.9	2	43.4	97.3	IR1 Coating Ravg $< 1.5\%$ @ 3~5 μ m
LEN0254-150-33-CaF2	25.4	150	3.3	2	65.1	147.7	Uncoated
LEN0254-150-33-CaF2-IR1	25.4	150	3.3	2	65.1	147.7	IR1 Coating Ravg $< 1.5\%$ @ 3~5 μ m
LEN0254-200-29-CaF2	25.4	200	2.9	2	86.8	198	Uncoated
LEN0254-200-29-CaF2-IR1	25.4	200	2.9	2	86.8	198	IR1 Coating Ravg $< 1.5\%$ @ 3~5 μ m
LEN0254-250-27-CaF2	25.4	250	2.7	2	108.5	248.1	Uncoated
LEN0254-250-27-CaF2-IR1	25.4	250	2.7	2	108.5	248.1	IR1 Coating Ravg $< 1.5\%$ @ 3~5 μ m
LEN0254-500-24-CaF2	25.4	500	2.4	2	216.9	498.3	Uncoated
LEN0254-500-24-CaF2-IR1	25.4	500	2.4	2	216.9	498.3	IR1 Coating Ravg $< 1.5\%$ @ 3~5 μ m