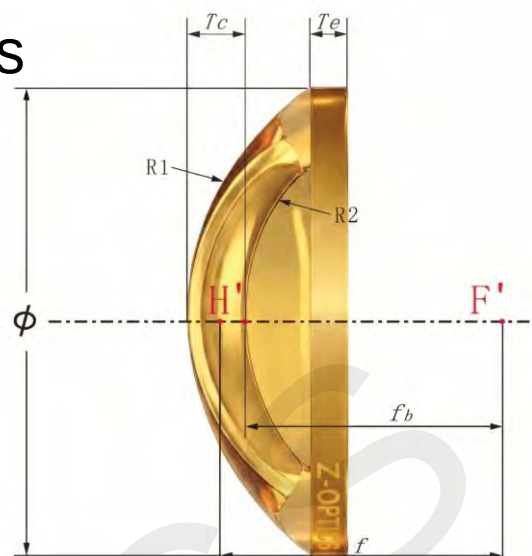


ZnSe Positive Meniscus Lens

Specifications:

- **Material:** CVD Laser-Grade Zinc Selenide (ZnSe)
- **Design Wavelength:** 10.6 μ m
- **Diameter Tolerance:** +0.0 / -0.1 mm
- **Center Thickness Tolerance:** ± 0.2 mm
- **Focal Length Tolerance (EFL):** $\pm 1\%$
- **Lens Centration Tolerance:** < 3 arcmin
- **Surface Quality:** 60-40
- **Chamfer:** 0.2mmx45 $^{\circ}$



ZnSe Positive Meniscus Lens (Coated)

Part no	Dia. (mm)	F (mm)	Tc (mm)	Te (mm)	R (mm)	BFL (mm)	Coating
LEN4380-038-60-ZnSe-IR2	38.05	38	6	3	33.6-81.5	34	IR2 Coating Ravg< 1.5% @ 8~12 μ m
LEN4380-050-56-ZnSe-IR2	38.05	50	5.6	3	46-121.5	47	IR2 Coating Ravg< 1.5% @ 8~12 μ m
LEN4380-075-47-ZnSe-IR2	38.05	75	4.7	3	67-178	71.8	IR2 Coating Ravg< 1.5% @ 8~12 μ m
LEN4380-100-43-ZnSe-IR2	38.05	100	4.3	3	89-236	97.3	IR2 Coating Ravg< 1.5% @ 8~12 μ m
LEN4380-150-39-ZnSe-IR2	38.05	150	3.9	3	136.3-380	147.5	IR2 Coating Ravg< 1.5% @ 8~12 μ m
LEN4380-038-39-ZnSe-IR2	38.05	175	3.7	3	154.4-410	172.6	IR2 Coating Ravg< 1.5% @ 8~12 μ m
LEN4500-050-83-ZnSe-IR2	50	50	8.3	3.5	45-112	44.6	IR2 Coating Ravg< 1.5% @ 8~12 μ m
LEN4500-075-66-ZnSe-IR2	50	75	6.6	3.5	69.40-193.2	70.8	IR2 Coating Ravg< 1.5% @ 8~12 μ m
LEN4500-100-58-ZnSe-IR2	50	100	5.8	3.5	89.2-236	96.2	IR2 Coating Ravg< 1.5% @ 8~12 μ m
LEN4500-200-45-ZnSe-IR2	50	200	4.5	3.5	178-478	197.5	IR2 Coating Ravg< 1.5% @ 8~12 μ m
LEN4500-500-39-ZnSe-IR2	50	500	3.9	3.5	443.5-1200	497.4	IR2 Coating Ravg< 1.5% @ 8~12 μ m
LEN4125-25R4-26-ZnSe-IR2	12.5	25.4	2.6	2	23.7-67.7	23.7	IR2 Coating Ravg< 1.5% @ 8~12 μ m
LEN4125-050-23-ZnSe-IR2	12.5	50	2.3	2	45-121.5	48.6	IR2 Coating Ravg< 1.5% @ 8~12 μ m
LEN4125-075-22-ZnSe-IR2	12.5	75	2.2	2	66.3-175	73.7	IR2 Coating Ravg< 1.5% @ 8~12 μ m
LEN4125-100-22-ZnSe-IR2	12.5	100	2.2	2	89-240	98.5	IR2 Coating Ravg< 1.5% @ 8~12 μ m
LEN4125-150-21-ZnSe-IR2	12.5	150	2.1	2	133.7-363	148.7	IR2 Coating Ravg< 1.5% @ 8~12 μ m
LEN4250-25R4-48-ZnSe-IR2	25	25.4	4.8	2.5	23.7-64.2	22.1	IR2 Coating Ravg< 1.5% @ 8~12 μ m

ZnSe Positive Meniscus Lens (Coated)

Part no	Dia. (mm)	F (mm)	Tc (mm)	Te (mm)	R (mm)	BFL (mm)	Coating
LEN4250-050-37-ZnSe-IR2	25	50	3.7	2.5	45-120	47.5	IR2 Coating Ravg< 1.5% @ 8~12μm
LEN4250-075-33-ZnSe-IR2	25	75	3.3	2.5	67.7-183	73.2	IR2 Coating Ravg< 1.5% @ 8~12μm
LEN4250-100-31-ZnSe-IR2	25	100	3.1	2.5	89-240	99.9	IR2 Coating Ravg< 1.5% @ 8~12μm
LEN4250-125-30-ZnSe-IR2	25	125	3	2.5	112-304.4	123.3	IR2 Coating Ravg< 1.5% @ 8~12μm
LEN4250-150-29-ZnSe-IR2	25	150	2.9	2.5	135.4-371.3	148.9	IR2 Coating Ravg< 1.5% @ 8~12μm
LEN4250-200-28-ZnSe-IR2	25	200	2.8	2.5	178-481.4	198.4	IR2 Coating Ravg< 1.5% @ 8~12μm
LEN4250-250-28-ZnSe-IR2	25	250	2.8	2.5	225-621	248.7	IR2 Coating Ravg< 1.5% @ 8~12μm
LEN4250-500-27-ZnSe-IR2	25	500	2.7	2.5	443.5-1200	498.7	IR2 Coating Ravg< 1.5% @ 8~12μm

ZnSe Positive Meniscus Lens (Uncoated)

Part no	Dia. (mm)	F (mm)	Tc (mm)	Te (mm)	R (mm)	BFL (mm)	Coating
LEN4380-038-60-ZnSe	38.05	38	6	3	33.6-81.5	34	Uncoated
LEN4380-050-56-ZnSe	38.05	50	5.6	3	46-121.5	47	Uncoated
LEN4380-075-47-ZnSe	38.05	75	4.7	3	67-178	71.8	Uncoated
LEN4380-100-43-ZnSe	38.05	100	4.3	3	89-236	97.3	Uncoated
LEN4380-150-39-ZnSe	38.05	150	3.9	3	136.3-380	147.5	Uncoated
LEN4380-038-39-ZnSe	38.05	175	3.7	3	154.4-410	172.6	Uncoated
LEN4500-050-83-ZnSe	50	50	8.3	3.5	45-112	44.6	Uncoated
LEN4500-075-66-ZnSe	50	75	6.6	3.5	69.40-193.2	70.8	Uncoated
LEN4500-100-58-ZnSe	50	100	5.8	3.5	89.2-236	96.2	Uncoated
LEN4500-200-45-ZnSe	50	200	4.5	3.5	178-478	197.5	Uncoated
LEN4500-500-39-ZnSe	50	500	3.9	3.5	443.5-1200	497.4	Uncoated
LEN4125-25R4-26-ZnSe	12.5	25.4	2.6	2	23.7-67.7	23.7	Uncoated
LEN4125-050-23-ZnSe	12.5	50	2.3	2	45-121.5	48.6	Uncoated
LEN4125-075-22-ZnSe	12.5	75	2.2	2	66.3-175	73.7	Uncoated
LEN4125-100-22-ZnSe	12.5	100	2.2	2	89-240	98.5	Uncoated
LEN4125-150-21-ZnSe	12.5	150	2.1	2	133.7-363	148.7	Uncoated
LEN4250-25R4-48-ZnSe	25	25.4	4.8	2.5	23.7-64.2	22.1	Uncoated
LEN4250-050-37-ZnSe	25	50	3.7	2.5	45-120	47.5	Uncoated
LEN4250-075-33-ZnSe	25	75	3.3	2.5	67.7-183	73.2	Uncoated
LEN4250-100-31-ZnSe	25	100	3.1	2.5	89-240	99.9	Uncoated
LEN4250-125-30-ZnSe	25	125	3	2.5	112-304.4	123.3	Uncoated
LEN4250-150-29-ZnSe	25	150	2.9	2.5	135.4-371.3	148.9	Uncoated
LEN4250-200-28-ZnSe	25	200	2.8	2.5	178-481.4	198.4	Uncoated
LEN4250-250-28-ZnSe	25	250	2.8	2.5	225-621	248.7	Uncoated
LEN4250-500-27-ZnSe	25	500	2.7	2.5	443.5-1200	498.7	Uncoated