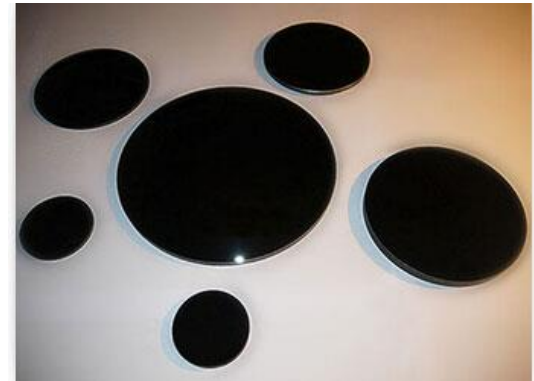
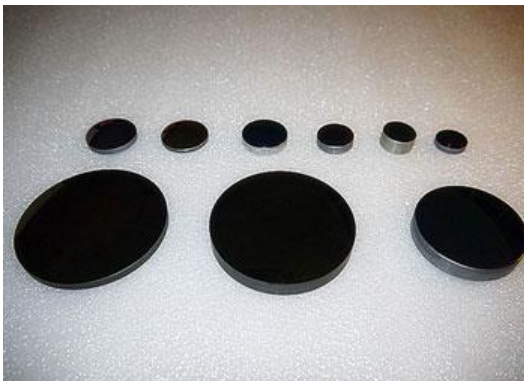


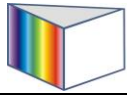
## Infrared Spherical Lenses

Hangzhou Shalom EO provides the spherical optical lenses used in **thermal imaging cameras** at wavelength range MWIR (3-5 $\mu$ m) and LWIR (8-12 $\mu$ m), the lenses are customized and made according to customer's drawings and requirements. The plano-convex, plano-concave, double convex and meniscus lenses are available, the lens substrates are made from infrared materials: Ge, ZnSe, ZnS, CaF<sub>2</sub>, BaF<sub>2</sub>, GaAs, AMTIR glass, Si, Sapphire ect.



### Features

- Optical Lenses works at MWIR (3-5 $\mu$ m) and LWIR (8-12 $\mu$ m) wavelength range;
- Substrates materials: Ge, ZnSe, ZnS, CaF<sub>2</sub>, BaF<sub>2</sub>, GaAs, AMTIR glass, Si, Sapphire;
- Various coating: high-efficiency AR, durable AR and DLC coating are available;
- Specifications conformed to military standard.



## Specifications

Specifications	
Materials	Ge, ZnSe, ZnS, CaF <sub>2</sub> , BaF <sub>2</sub> , GaAs, AMTIR glass, Si or Sapphire
Aperture	>90%
Dimension Tolerance	+0.0/-0.2mm
Thickness Tolerance	+/-0.2mm
Surface Quality	80/50 S/D or 60/40 S/D
Chamfer	0.3-0.5mmx45degree
Coating	customized