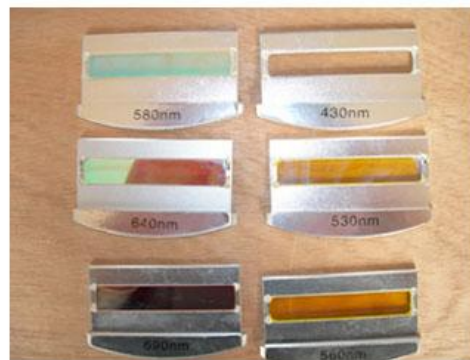
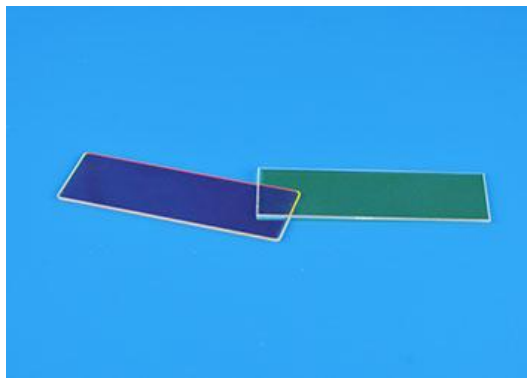
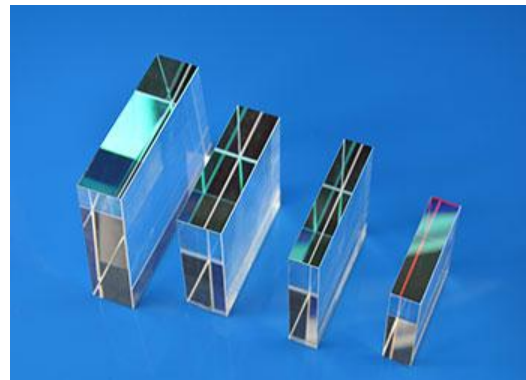
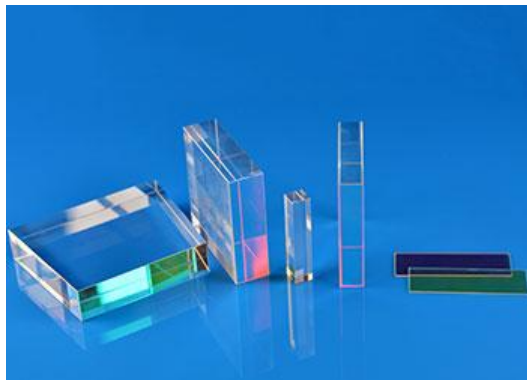


IPL Filters and Waveguides

IPL is short for **Intense Pulsed Light**, IPL machines are used for a range of treatments as hair removal, skin rejuvenation, pigmentation removal, acne clearance and vascular therapy. Filters and waveguides are critical components in IPL machine, it blocks the harmful UV light sourcing from Xe lamps.

Hangzhou Shalom EO provides a variety of IPL filters and waveguides made from sapphire, fused silica and BK7, with various types of coating band. The available wavelength are: 430nm; 450nm; 480nm; 510nm; 530nm; 560nm; 580nm; 640nm; 690nm; 700nm; 750nm. Some standard types of the filters are in stocks at fast delivery, the customized filters are available upon request



Applications and wavelength range selection

Wavelength range	Suit for Treatment or therapy
640/690/700/750-1200nm, 640/690-950nm	Hair removal
580-1200nm,	Vascular therapy
560-1200nm, 560-950nm	Skin rejuvenation
530-1200nm, 530-950nm	Freckle or lentigo removal
430/450/480-1200nm	Acne treatment

SPECIFICATIONS

Specifications	
Materials	Sapphire, fused silica or BK7 glass
Aperture	>90%
Diameter tolerance	+0.0/-0.2mm
Thickness tolerance	+/-0.2mm
Surface Quality	60/40 S/D
Coating	According to customer's requirement

Available wavelength range: 430-1200nm; 450-1200nm; 480-1200nm; 510-1200nm; 530-1200nm; 560-1200nm; 580-1200nm; 640-1200n; 690-1200nm; 700-1200nm; 750-1200m and 530-950nm; 560-950nm; 640-950nm; 690-950nm

Transmission Curves for some 1200nm series filters

