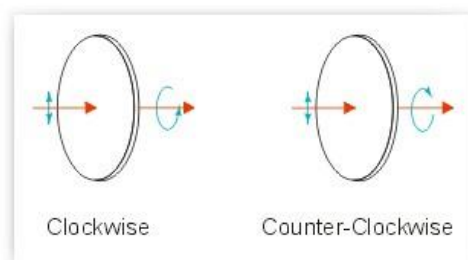


Polarization Rotators for Lasers

- Made from quartz, 200-2500nm
- Size upto 50.8mm diameter
- Custom rotation angle available

Due to the rotation activity of natural quartz crystal, it also can be used as **polarization rotators** so that the plane of input linearly polarized beam will be rotated at special angle which is determined by the thickness of quartz crystal. Hangzhou Shalom EO offers the high quality polarization rotators upon the customer's requirements.



SPECIFICATIONS

| Specifications | |
|----------------------|--|
| Material | Crystal Quartz 200-2500nm |
| Dimension Tolerance | ±0.2mm |
| Rotation Accuracy | <5 arc minutes |
| Parallelism | <10 arc seconds |
| Wavefront Distortion | $\lambda/4@632.8\text{nm}$ |
| Surface Quality | 20/10 scratch and dig |
| Rotation | clockwise and counter-clockwise |
| Coating | AR coating available R<0.25%@central wavelength |