






Crystal system	Dielectric axes	Ellipsoid of wave normals	Optical classification
Triclinic	CCC 	General ellipsoid	Biaxial
Monoclinic	CCF 	General ellipsoid	Biaxial
Orthorhombic	FFF 	General ellipsoid	Biaxial
Trigonal Tetragonal Hexagonal	FRR 	Spheroid	Uniaxial
Cubic	RRR 	Sphere	Isotropic

C = Axis with colour dispersion; F = Axis fixed in direction; R = Freely rotatable, or indeterminate, axis.