

```
nk = readUniaxialSpectrum('TestPolarizerSpectrum.csv')
lcnk = readUniaxialSpectrum('TestLCSpectrum.csv')
pol_angle = [[90.0*np.pi/180.0, 135.0*np.pi/180.0]]
lcd1dstaticmain.addOpticalPolarizer(20.0, nk, pol_angle)
lcd1dstaticmain.addOpticalLC(lcThick, lcnk)
pol_angle = [[90.0*np.pi/180.0, 45.0*np.pi/180.0]]
lcd1dstaticmain.addOpticalPolarizer(20.0, nk, pol_angle)
lcd1dstaticmain.setOMPThreadNum(8)
lcd1dstaticmain.setOpticalIncidentAngles()
lcd1dstaticmain.setOpticalSourceSpectrum(readLightSourceSpectrum('TestLightSrc.csv'))
lcd1dstaticmain.setOpticalWavelength(0.38, 0.78, 0.01)
lcd1dstaticmain.useOptical2X2Lambertian()
lcd1dstaticmain.createExtendedJones()
```