

# Resolving Sodium Doublet by Using a Czerny-Turner Setup

### Abstract



Czerny-Turner setup is widely used to analysis the spectral information of light sources. Typically, a parabolic mirror is used to collimated the source first, and then a diffraction grating will spatially separate the colors spatially. In this example, a Czerny-Turner setup, consisting of reflective mirrors and diffractive gratings, for examining the Sodium doublet is presented. Particularly, the diffraction efficiency of the grating calculated with Fourier modal method (FMM).

## **Modeling Task**



### **Results**



## **Document Information**

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