



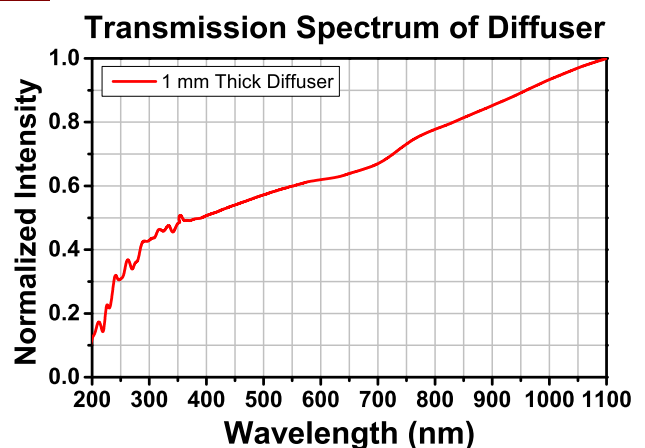
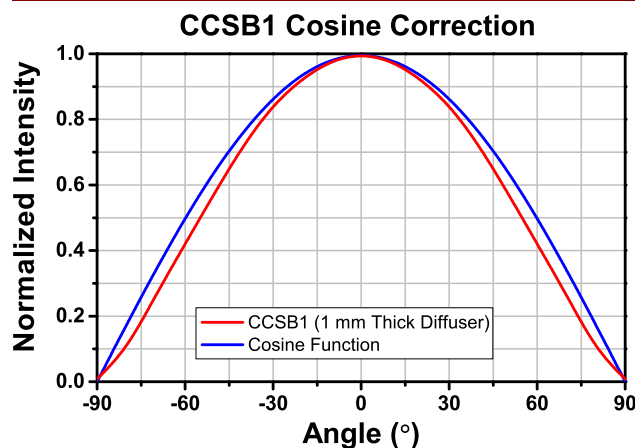
CCSB1

Description

The CCSB1 Cosine Corrector is designed to directly attach to the input port of Thorlabs' CCS spectrometers. The device consists of a diffuser in a tightly tolerance housing and is also suitable for open-beam applications. Cosine correctors collect light over a 180° angle, eliminating interface issues caused by sampling geometry which affect other devices, such as the end of a fiber optic cable.

The transmission of the CCSB1 is 0.1% at 660 nm. Performance plots are presented below. Amplitude corrected spectrometers may show a different sensitivity when used with the CCSB1. These devices are wavelength calibrated using fibers with an intrinsic wavelength sensitivity; removing the fiber will alter the amplitude calibrated spectrum measured by the device.

Graphs



Drawings

