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## Performance test of Micro-pore Optics (MPO) in the EUV spectral range

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It is impossible for Extreme Ultraviolet (EUV) observations to use a lens, because there is no glass material that can transmit the EUV light. Thus, we can only use the mirrors for EUV optics. Micro-pore Optics (MPO) is square or radial plates that are composed of thousands of capillaries, which consists of square glass pores having aspect ratio of several hundreds to one. It has played a lens-like role for X-ray observations. We manufactured a sample of MPO having a focal length of 35 mm, and measured the transmittance. The result shows that was more than 60% by the wavelength from 30.4 to 140.0 nm. In this presentation, we report the measured efficiency of our sample in the EUV spectral range.

Keywords: EUV, airglow, optics, remote sensing device