

Materials List for:

Shaping the Amplitude and Phase of Laser Beams by Using a Phase-Only Spatial Light Modulator

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Materials

Name	Company	Catalog Number	Comments
Achromatic Doublet	THORLABS	AC254-100-B-ML	Lens Diameter 25.4 mm, focal length 100 mm
Achromatic Galilean Beam Expander	THORLABS	GBE05-A	AR Coated: 400 - 650 nm
Basler camera	BASLER	avA1600-50gm GigE camera	sensor size 8.8 mm x 6.6 mm, pizel size 5.5 microns
Mounted Zero-Aperture Iris	THORLABS	ID12Z/M	Max Aperture 12 mm
Pellicle Beamsplitter	THORLABS	CM1-BP145B2	45:55 (R:T), Coating: 700 - 900 nm
PLUTO Spatial Light Modulator	HOLOEYE Photonics AG	NIR-II	Phase Only Spatial Light Modulator (Optimized for 700 -1000 nm)
Two thin film laser polarizers	EKSMA OPTICS	420-0526M	material BK7, diameter 50 mm, wavelength 780-820 nm