

Supporting Information

Fabry-Pérot interference enhanced GaSe Visible-blind UV Photodetectors

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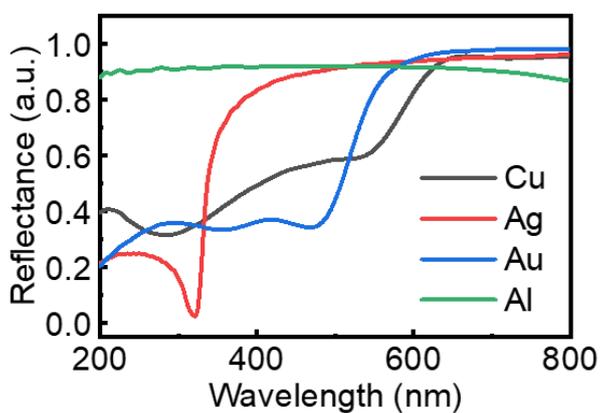


Fig. S1 Simulated reflectance spectra of different metal films with a thickness of 80 nm.

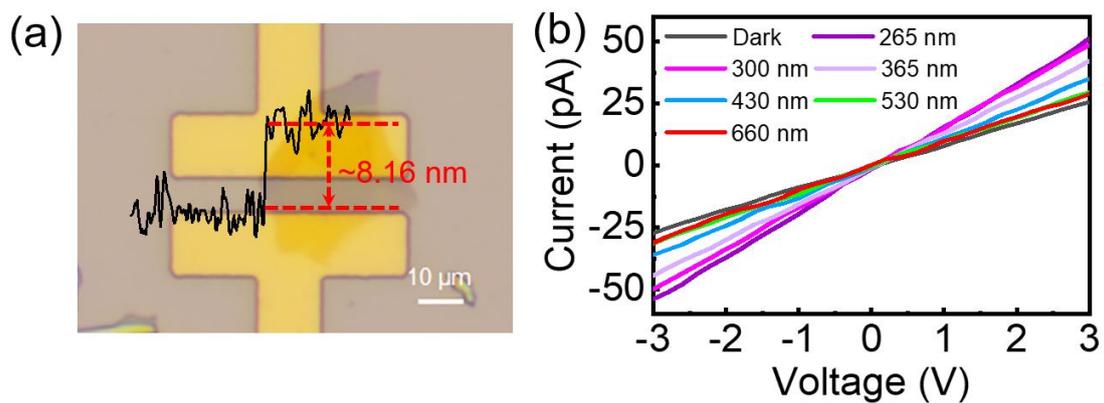


Fig. S2 (a) Optical microscopy image of a typical GaSe-based photodetector without the asymmetric F-P structure and the height profile of GaSe nanosheet in the channel. (b) I - V curves in the dark and upon illumination with varied wavelengths at light intensity of $1 \text{ mW}/\text{cm}^2$.

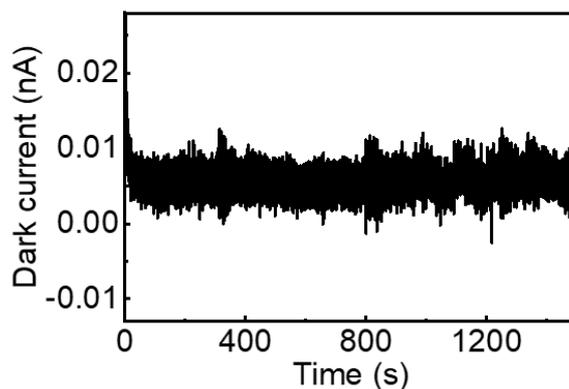


Fig. S3 Dark current of the device.