

## **Description of Additional Supplementary Files**

Supplementary Movie 1

Light propagation for planar device.

Supplementary Movie 2

Light propagation for P100 AAM device.

Supplementary Movie 3

Light propagation for P500 AAM device.

Supplementary Movie 4

Light propagation for P1000 AAM device.

Supplementary Movie 5

Light propagation for P1500 AAM device.