**Electronic Supplementary Information** 

## Reducing optical losses in organic solar cells using microlens arrays: theoretical-experimental investigation of microlens dimensions

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**Fig. S1** (a) Global transmission spectra of  $1\mu$ m pitch MLA substrates with different ITO thickness. (b) Spectra of spectral and global transmission in  $1\mu$ m pitch MLA substrate.



**Fig. S2** Box plots showing the variation in enhancement of short circuit current and power conversion efficiency for PTB7 (a, b) and PCDTBT (c, d) devices. 18 cells were tested for each condition.