Electronic Supplementary Material (ESI) for Journal of Materials Chemistry C. This journal is © The Royal Society of Chemistry 2017

Supplementary Information

Directed migration of additives to form top interlayers in polymer light emitting diodes

L. Nouzman and G. L. Frey

Department of Materials Science and Engineering, Technion – Israel Institute of Technology, Haifa 32000, Israel

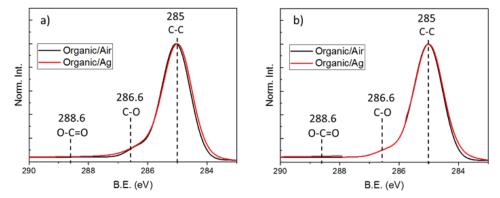


Figure S1. C1s XPS spectra of pristine F8BT (a) and F8BT with 0.75 mg/ml PEG (b) measured on the bare organic surface (black lines) and through ~3 nm Ag film (red line). The absence of traces at 286.6 eV in all spectra confirms that PEG does not migrate to the F8BT/Ag interface.

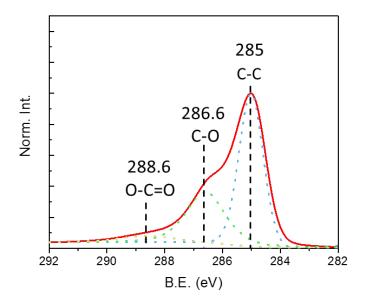


Figure S2. Deconvoluted C1s spectra of F8BT with 0.75 mg/ml PEG measured through ~3nm Al.

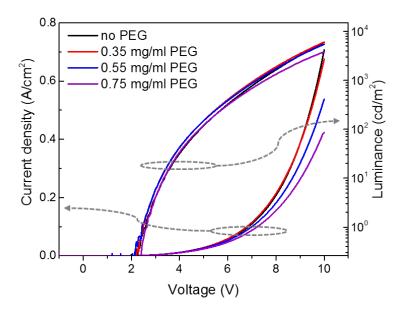


Figure S3. J-V-L characteristics of devices with SY that were annealed prior to Al deposition.