Supplementary material (ESI) for Journal of Materials Chemistry

Supporting Information

1,2,3-Triazolyl-Pyridine Derivatives as Chelating Ligands for Blue Iridium(III) Complexes. Photophysics and Electroluminescent Devices

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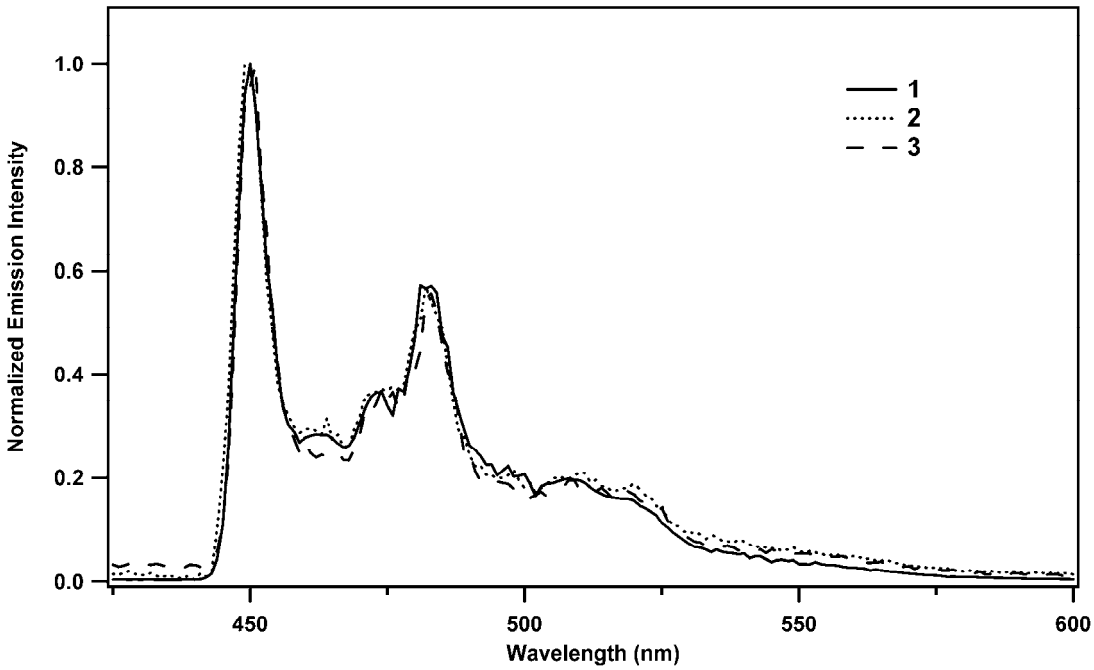

Figure S1. Emission spectra of **1**, **2** and **3** at 77 K in butyronitrile.

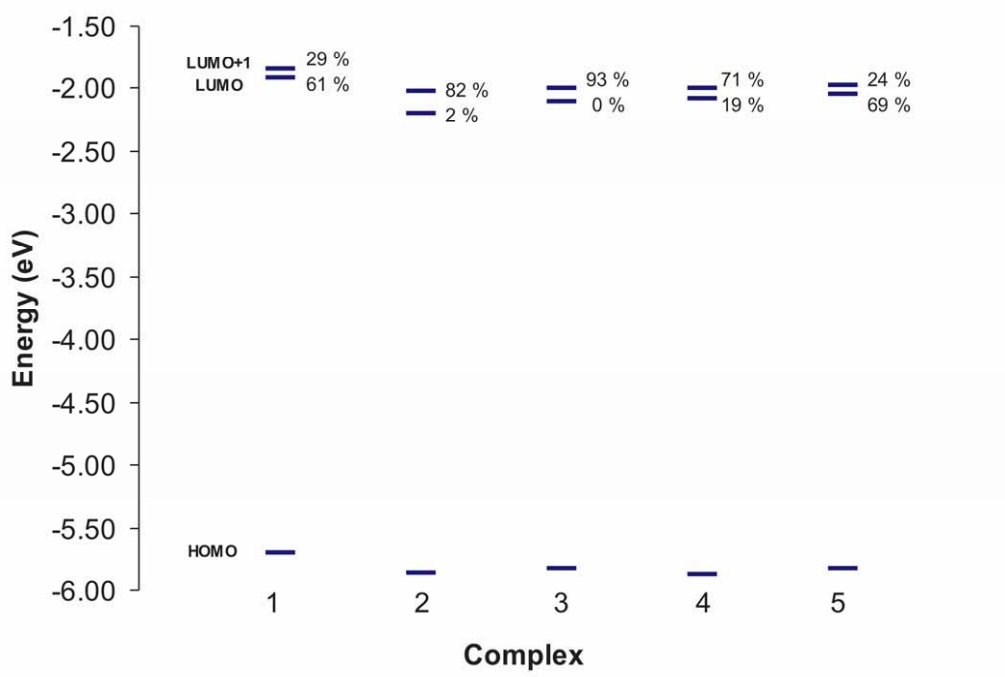

Figure S2. Schematic representation of the HOMO, LUMO and LUMO+1 molecular orbitals. The percentage indicates the total contribution of each MO to the triplet excited state. The other minor contributing molecular orbitals were omitted for clarity.

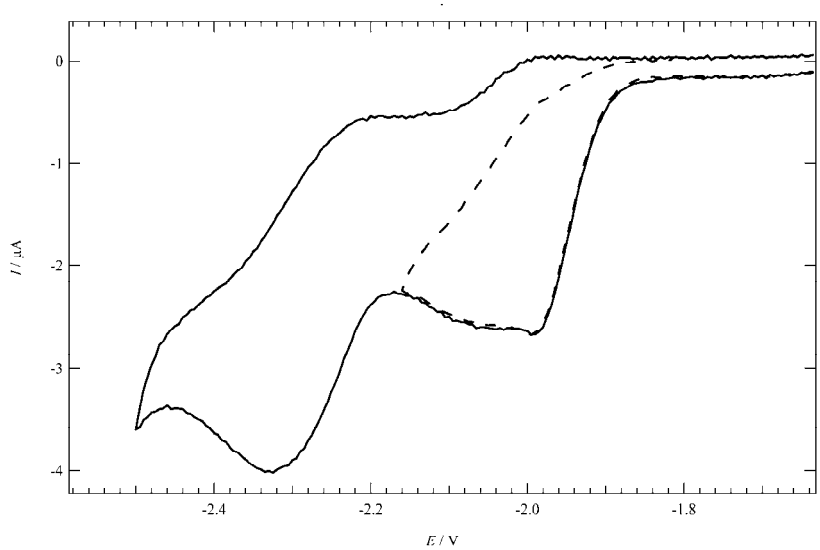

Figure S3. Negative scan (cyclic voltammetry) of complex **2** in acetonitrile. The first reduction wave becomes reversible only if scanned up to the second reduction.

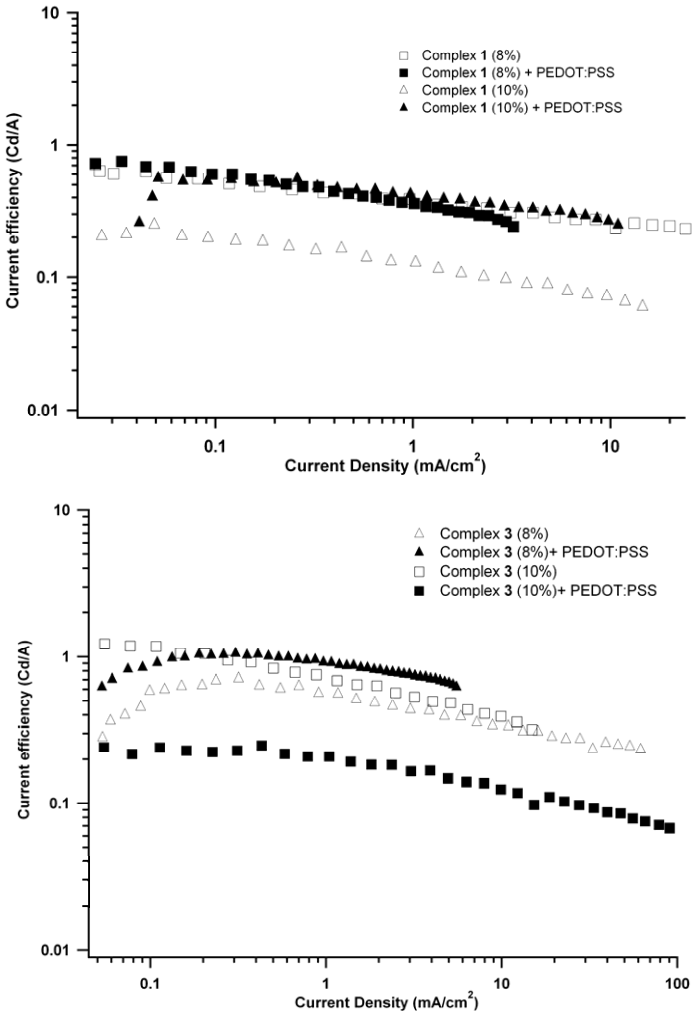

Figure S4. Current efficiencies of devices doped with complex **1 (**top) and complex **3** (bottom)**.**