

Supporting Information

Low turn-on voltage and low roll-off rare earth europium-complex based organic light-emitting diodes with exciplex as the host

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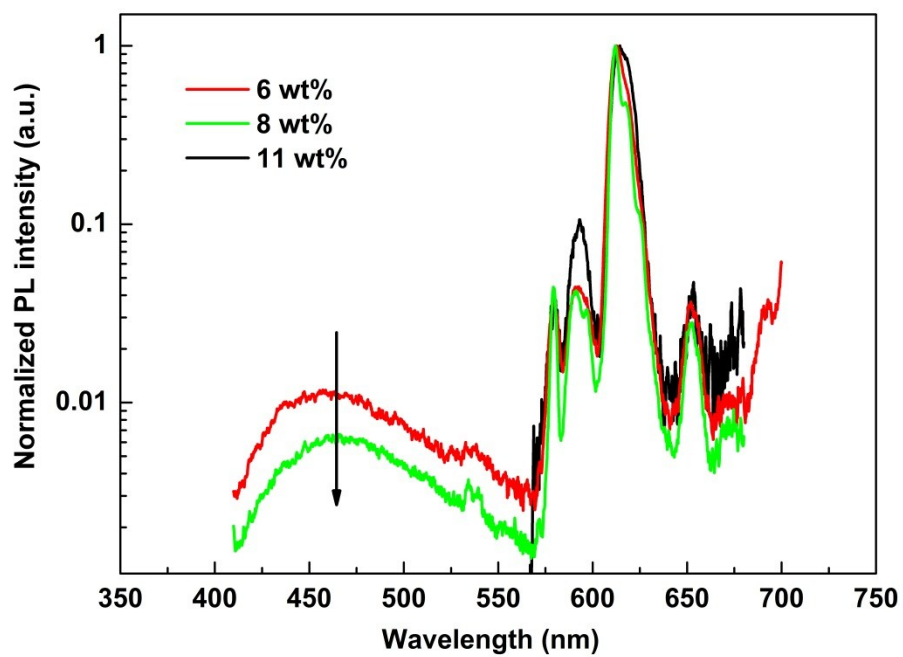


Figure S1. The PL spectra of films with different concentrations Eu(DBM)₃Phen doped into TCTA: Bphen. The direction of arrow represents the doping concentration rise.

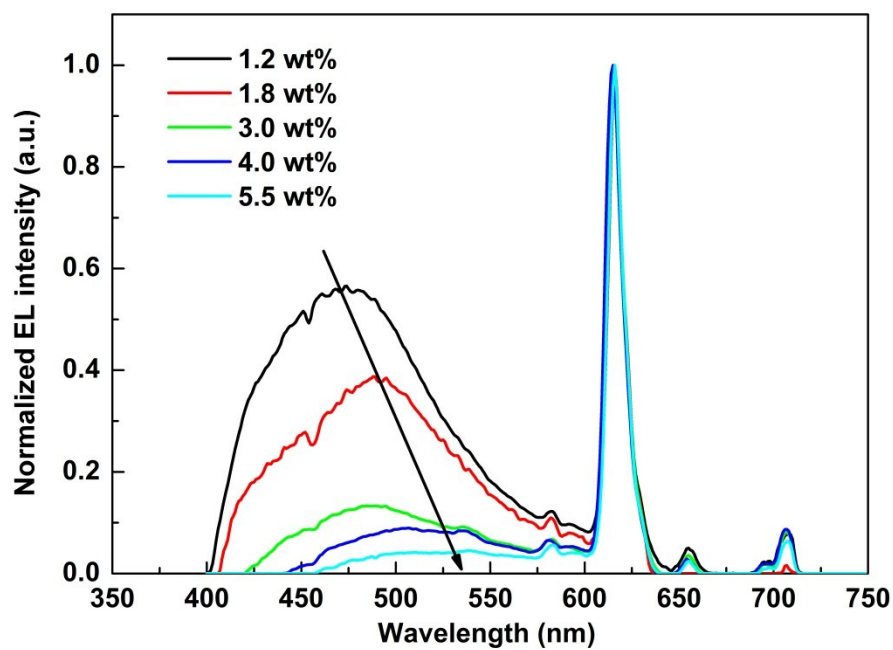


Figure S2. The EL spectra of OLEDs with different concentrations $\text{Eu}(\text{DBM})_3\text{Phen}$ doped into TCTA: Bphen host. The direction of arrow represents the doping concentration rise.

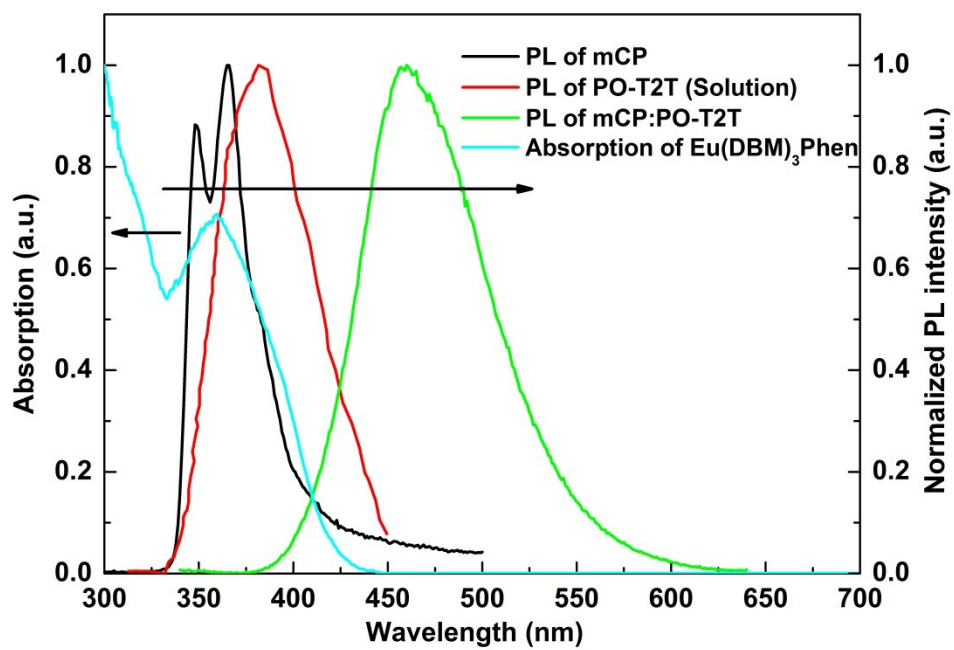


Figure S3. The PL spectra of mCP and mCP: PO-T2T (1:1) films, PO-T2T solution and absorption spectrum of Eu(DBM)₃Phen film.