Electronic Supporting Information (ESI)

High-performance blue and green electrophosphorescences achieved by using carbazole-containing bipolar tetraarylsilanes as host materials

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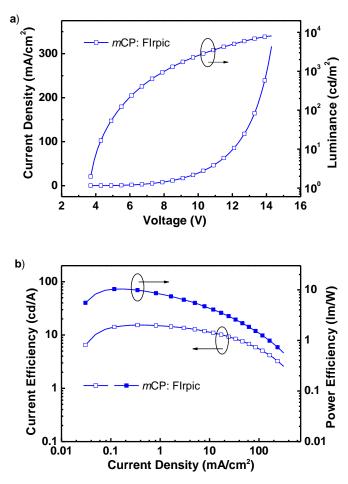


Fig. S1 a) Current density-voltage-brightness characteristics and b) current efficiency and power efficiency versus current density curves for *m*CP-based blue device. The device configuration: ITO/MoO₃ (10 nm)/NPB (80 nm)/TCTA (5 nm)/*m*CP: FIrpic (8%, 20 nm)/TPBI (40 nm)/LiF (1 nm)/Al (100 nm).

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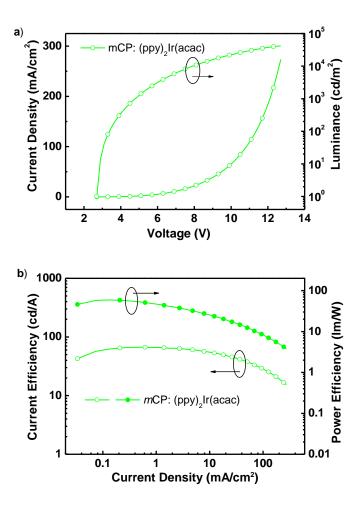


Fig. S2 a) Current density-voltage-brightness characteristics and b) current efficiency and power efficiency versus current density curves for *m*CP-based green device. The device configuration: ITO/MoO₃ (10 nm)/NPB (80 nm)/TCTA (5 nm)/*m*CP: (ppy)₂Ir(acac) (9%, 20 nm)/TPBI (40 nm)/LiF (1 nm)/Al (100 nm).