Supplementary material (ESI) for Journal of Materials Chemistry

Stable White Electroluminescence from Single Fluorene-based Copolymer: Using Fluorenone as the Green Fluorophore and Iridium Complex as the Red Phosphor on the Main Chain

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Table S1. Structural and thermal properties of copolymers

copolymers	Feed ratio of **M2**:**M1**:**M3**:**M4**	M_n	PDI	T_d (□)
PFH	50:50:0:0			
P1	50:49.4:0.2:0.4	21510	2.55	414
P2	50:49.7:0.1:0.2	17220	2.54	423
P3	50:49.85:0.05:0.1	16500	2.80	422
P4	50:49.97:0.01:0.02	6171	1.96	423
P5	50:49.98:0.005:0.015	5350	1.79	396
P6	50:49.985:0.005:0.01	8401	2.09	409

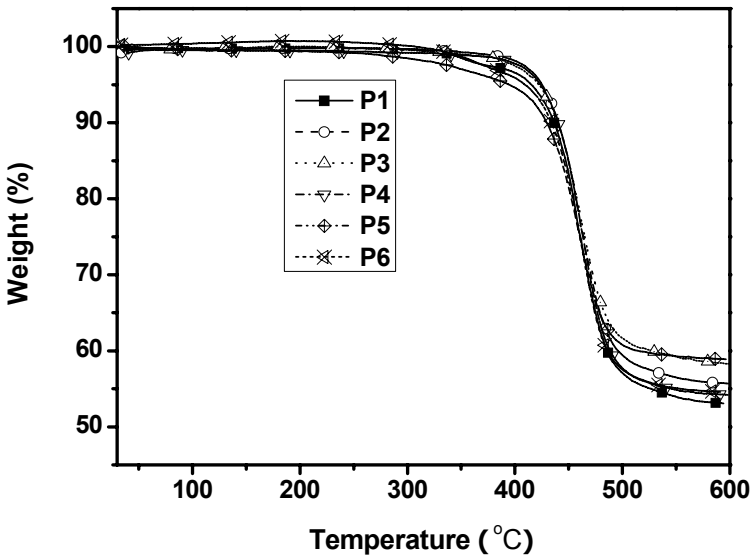

Figure S1. TGA thermograms of copolymers **P1-6**.

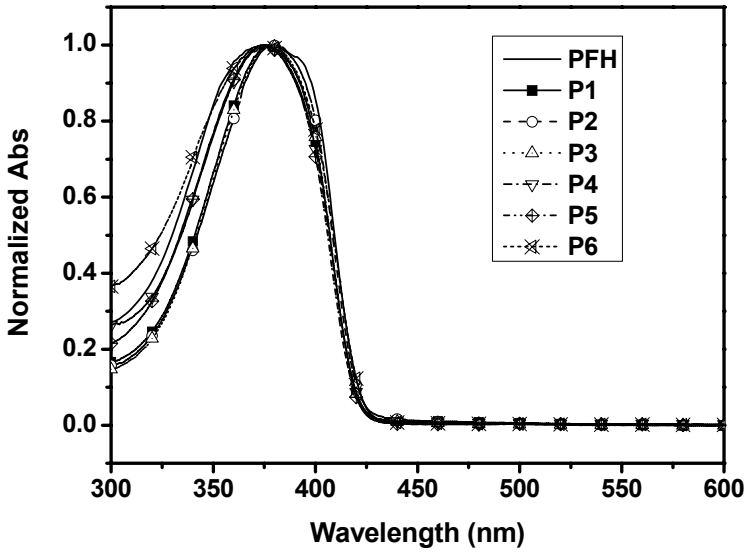

Figure S2. Absorption spectra of PFH and **P1-6** in film.

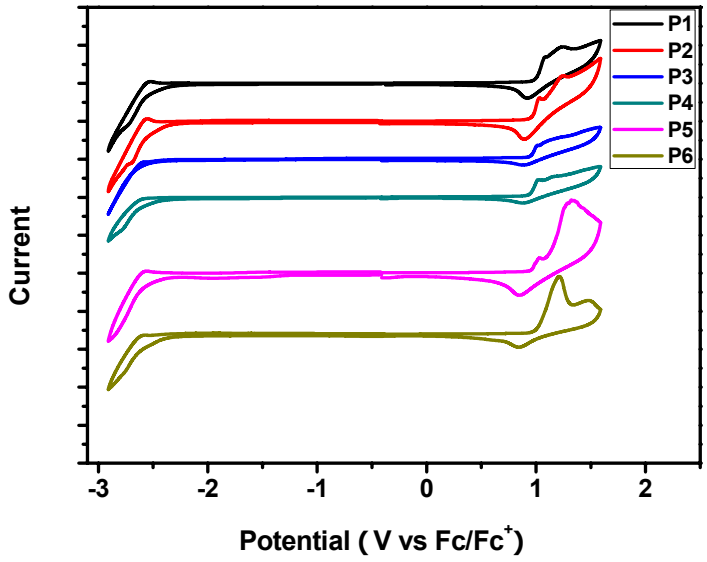

Figure S3. Cyclic voltammogrames of **P1-6**.

Table S2. Electrochemistry properties of copolymers

copolymers	E_{ox}^{onset} V[a]	HOMO eV	E_{red}^{onset} V[a]	LUMO eV
PFH	0.98	-5.78	-2.53	-2.27
P1	1.00	5.80	-2.50	-2.30
P2	0.99	-5.79	-2.50	-2.30
P3	0.97	-5.77	-2.54	-2.26
P4	0.97	-5.77	-2.52	-2.28
P5	0.97	-5.77	-2.52	-2.28
P6	0.98	-5.78	-2.51	-2.29

[a] *versus* Fc/ Fc^{+}.