Electronic Supplementary Material (ESI) for Journal of Materials Chemistry C.

Support Information

Enhanced light extraction from organic light-emitting devices through non-covalent or covalent polyimide-silica light scattered hybrid films

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Index Name	Material	Thickness(μm)	TYPE	N	K @ 633 nm
Ambient	VOID			1.000	0.000
Layer - 1	Oxide	0.58394 ± 0.008695	Dispersion	1.610	0.025
Substrate	bareglass			1.513	0.000

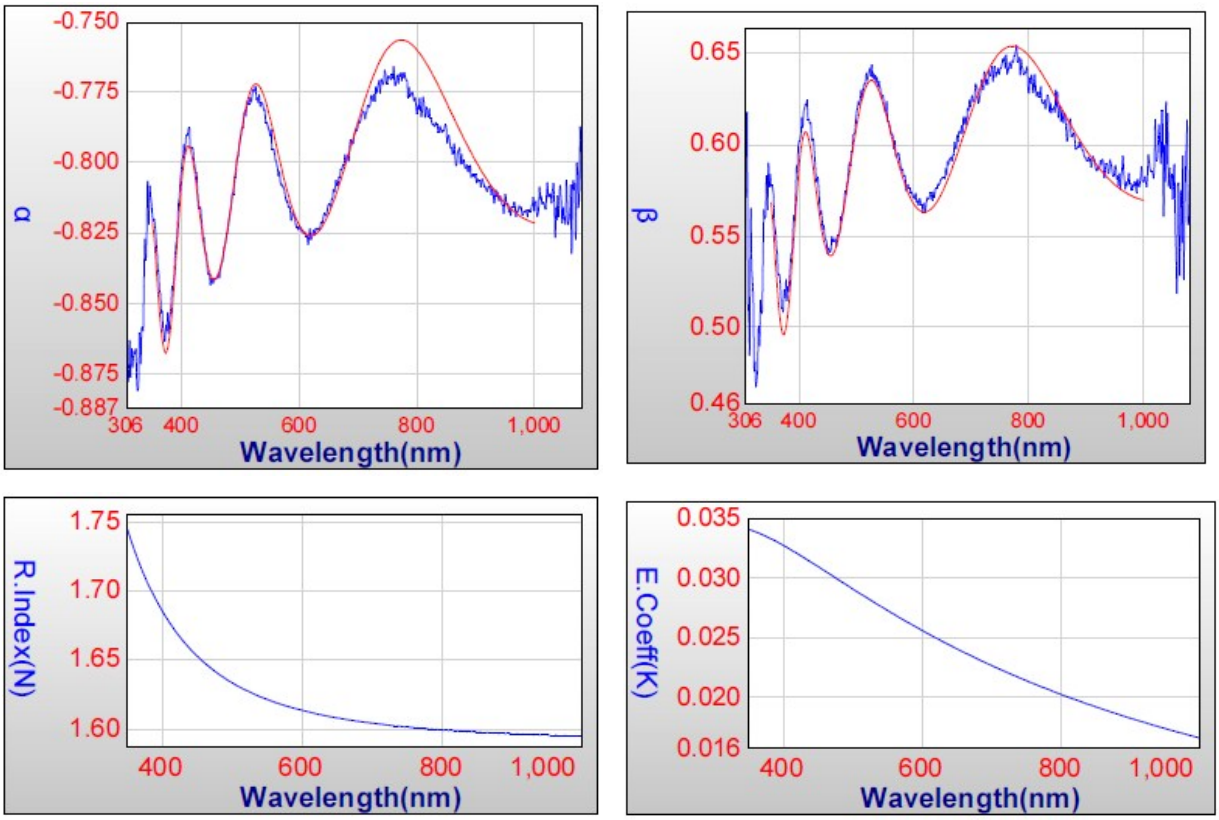

Fig. S1 Refractive index of the PI (**3**).

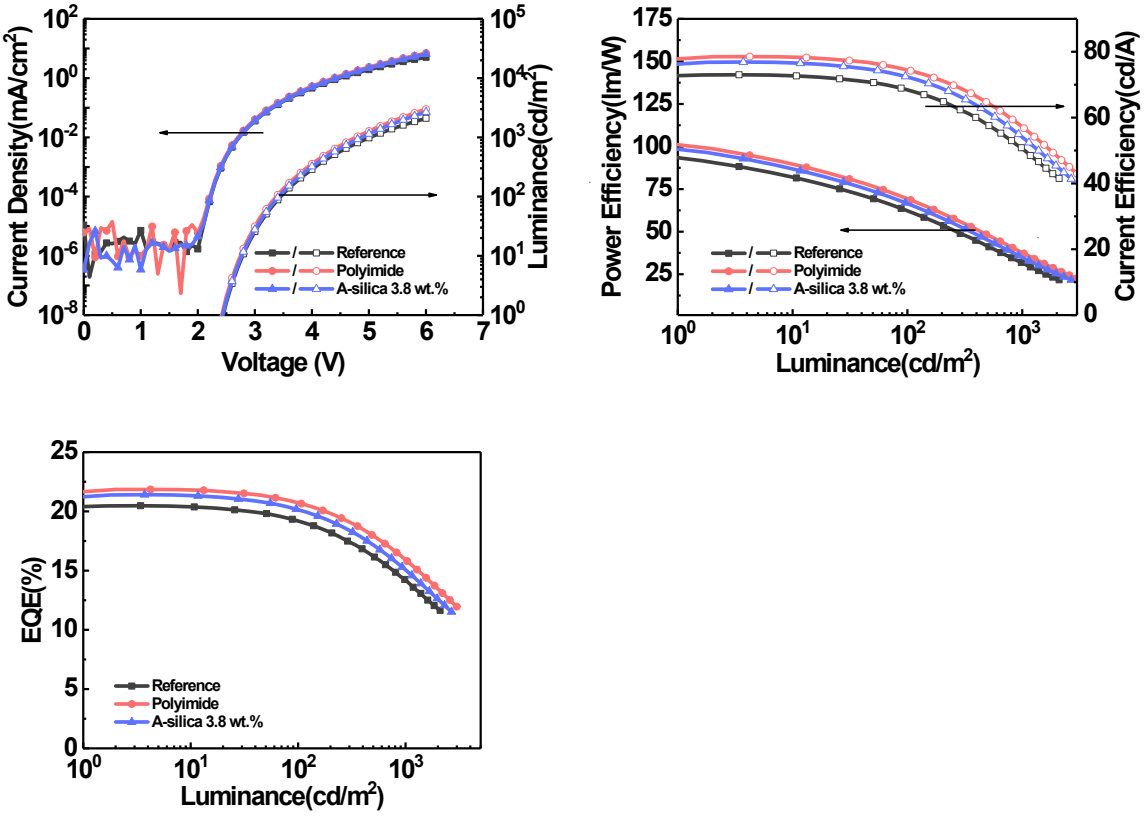

Fig. S2 The current-voltage-luminescence, power efficiency-luminescence-current efficiency and external quantum efficiency-luminescence spectra of the reference, neat PI and **A1**-based device under glove box.

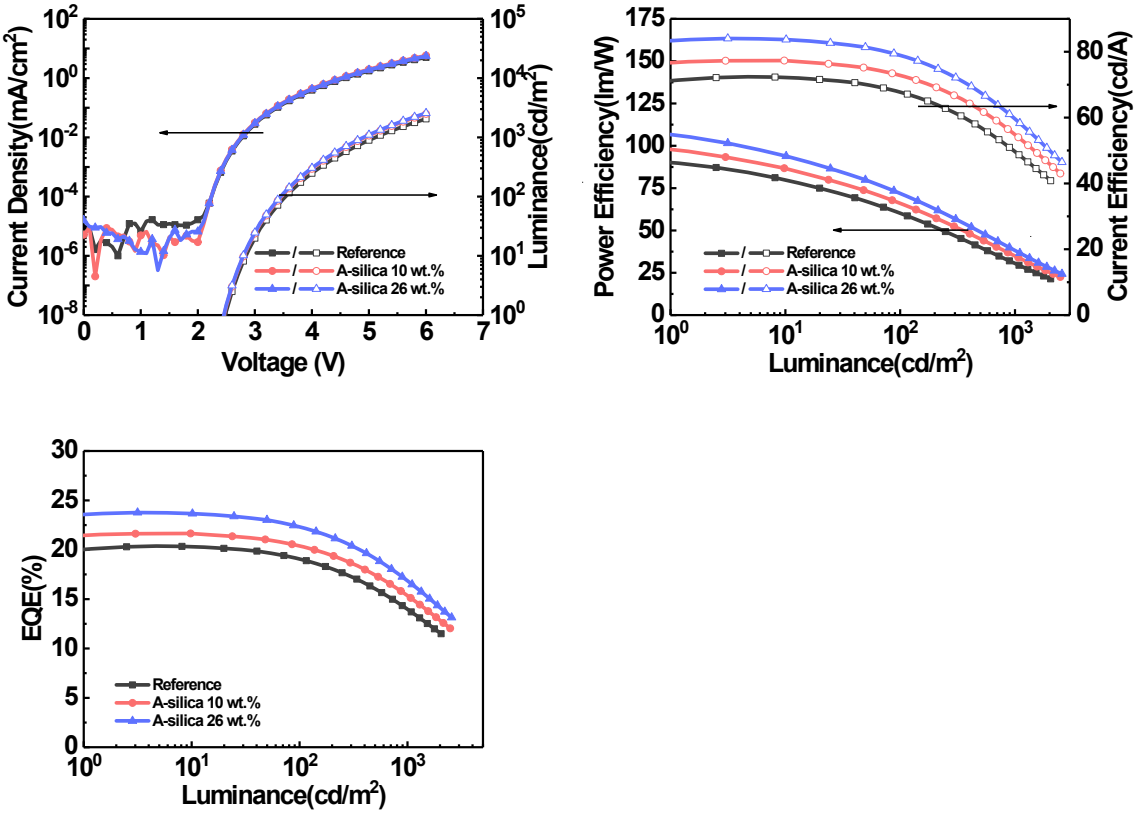

Fig. S3 The current-voltage-luminescence, power efficiency-luminescence-current efficiency and external quantum efficiency-luminescence spectra of the reference, **A2** and **A3**-based device under glove box.

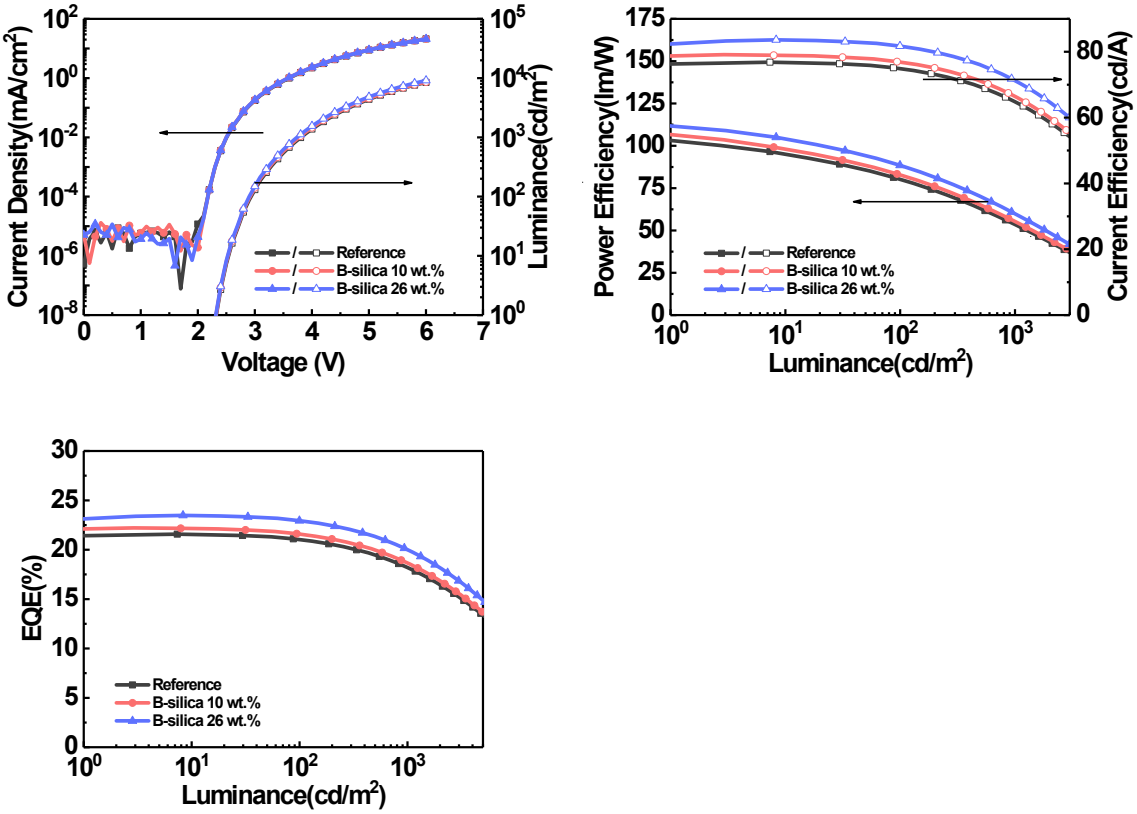

Fig. S4 The current-voltage-luminescence, power efficiency-luminescence-current efficiency and external quantum efficiency-luminescence spectra of the reference, **B1** and **B2**-based device under glove box.

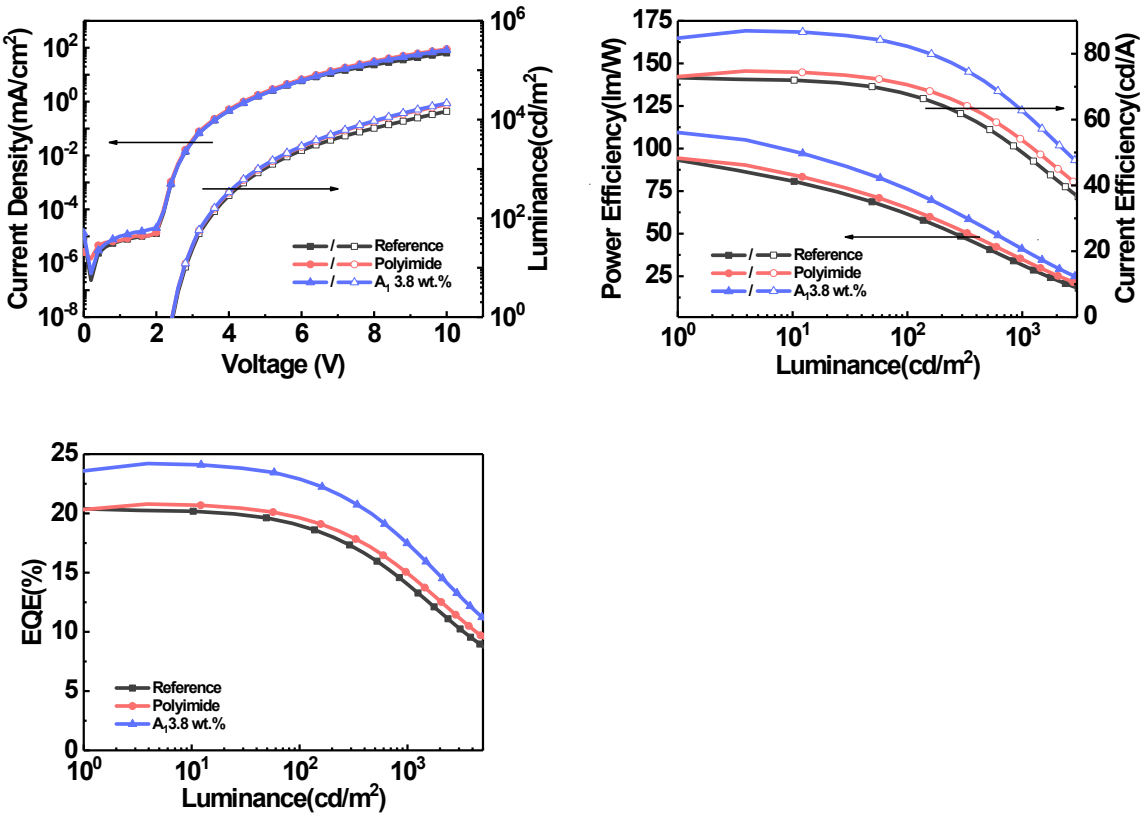

Fig. S5 The current-voltage-luminescence, power efficiency-luminescence-current efficiency and external quantum efficiency-luminescence spectra of the reference, neat PI and **A1**-based device under integrating sphere.

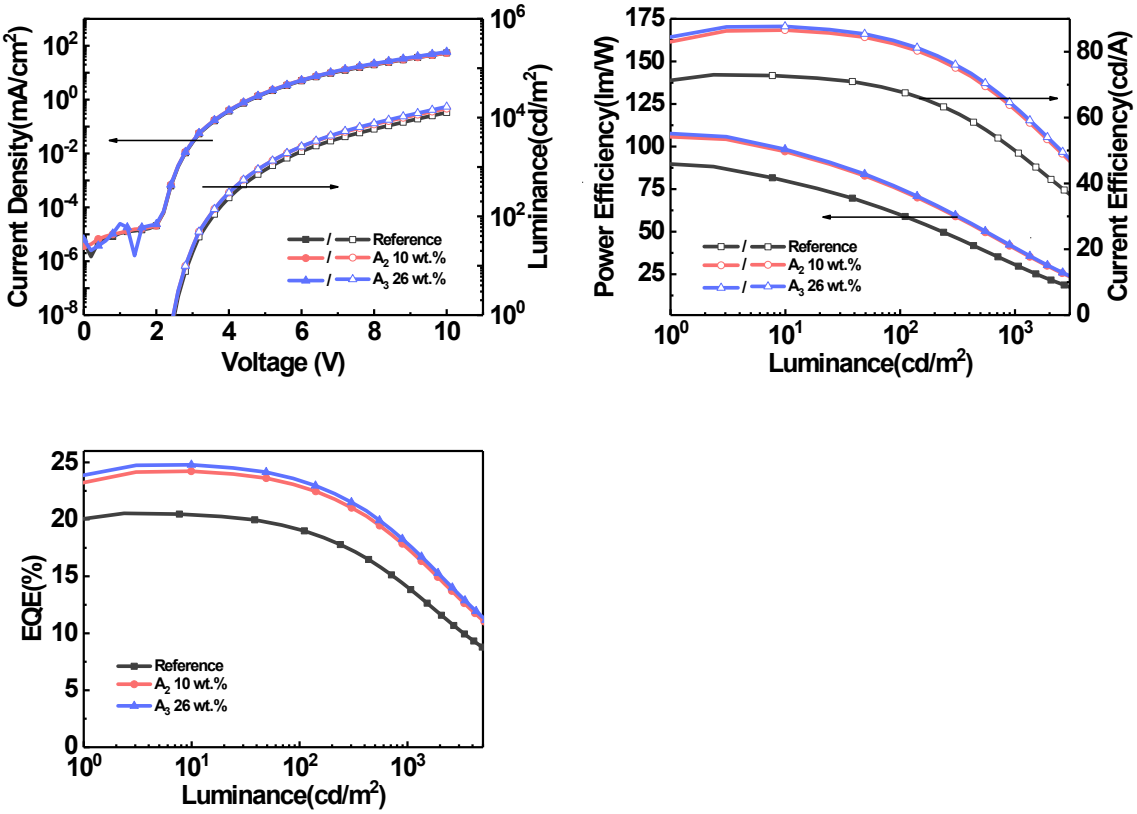

Fig. S6 The current-voltage-luminescence, power efficiency-luminescence-current efficiency and external quantum efficiency-luminescence spectra of the reference, **A2** and **A3**-based device under integrating sphere.

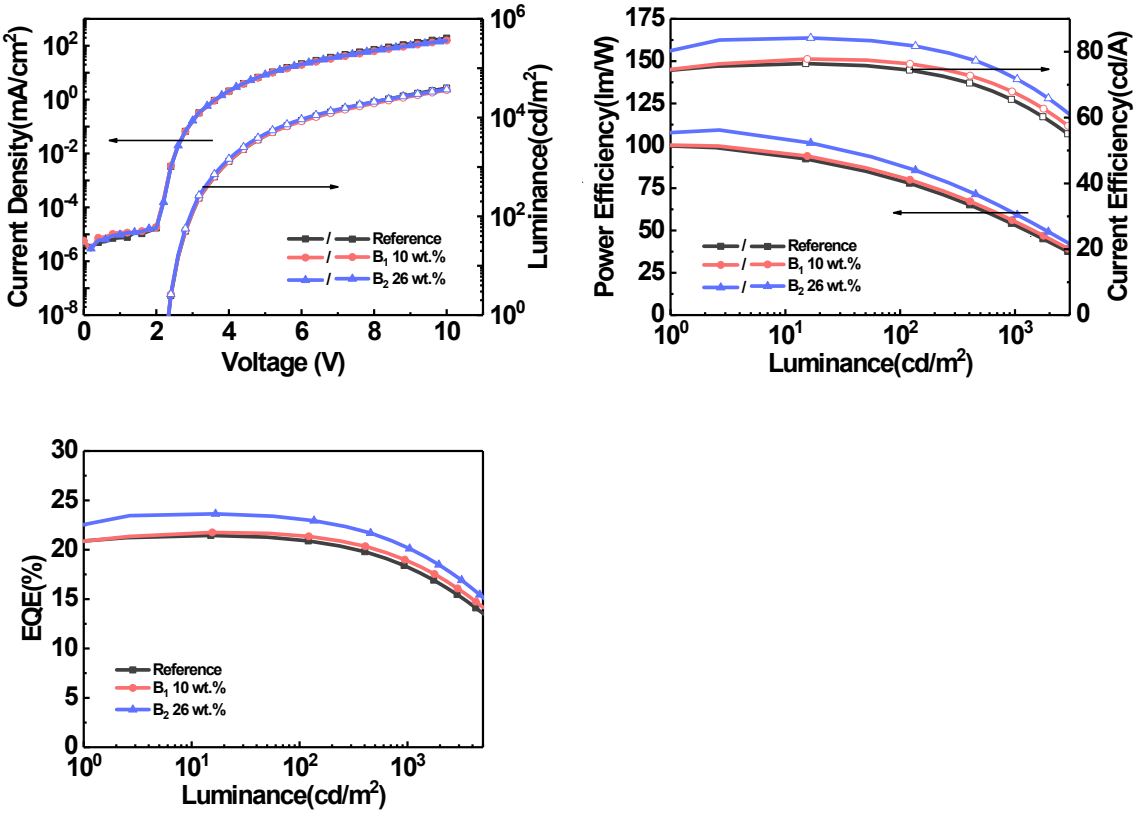

Fig. S7 The current-voltage-luminescence, power efficiency-luminescence-current efficiency and external quantum efficiency-luminescence spectra of the reference, **B1** and **B2**-based device under integrating sphere.