Supporting information

Combining intrinsic (blue) and forming exciplex (green and orange-red) emissions of the same material (OCT) for white organic light-emitting diodes realizing high color quality with CRI of 97

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at a driving voltage range of 6-9 V.

**Fig. S1** Normalized EL spectra for white devices W₁₋₁ to W₁₋₃ at a driving voltage range of 6-8V and for device W₁₋₄ at a driving voltage range of 6-9 V.
Fig. S2 Normalized EL spectra for all white W₂-series under the different driving voltage of 6, 7, 8 and 9V.