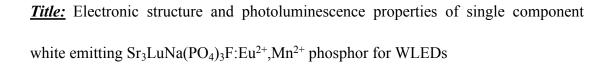
Electronic Supplementary Materia	al (ESI) for Journal of Materials Chemistry (
This journal is © The Royal Societ	ty of Chemistry 2018

Supplementary Information



Author(s): Mengmeng Jiao^a, Qinfeng Xu^a, Chuanlu Yang^{a*} and Mingliang Liu^a

^aSchool of Physics and Optoelectronic Engineering, Ludong University, Yantai 264025, China.

Corresponding author: E-mail: ycl@ldu.edu.cn

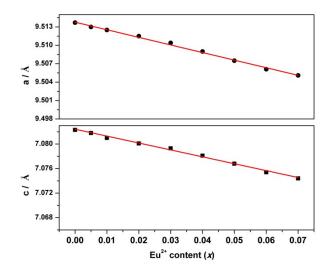


Fig. S1. Dependence of lattice parameters a and c on doping content of Eu^{2+} for

SLuNPF:*x*Eu²⁺ samples.

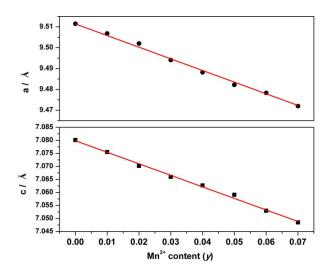


Fig. S2. Dependence of lattice parameters a and c as on Mn²⁺ doping content for SLuNPF:0.02Eu²⁺,yMn²⁺ samples.

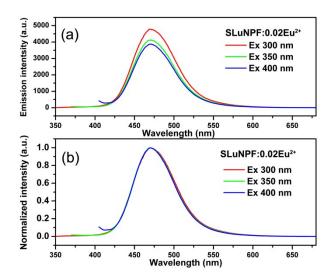


Fig. S3. (a) Emission spectra of SLuNPF:0.02Eu²⁺ under different excitation. (b)Normalized emission spectra of SLuNPF:0.02Eu²⁺ under different excitation.

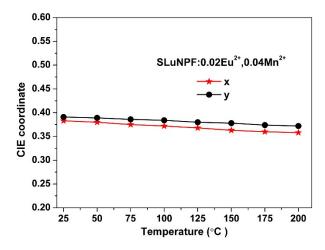


Fig. S4. CIE coordinates of $SLuNPF:0.02Eu^{2+},0.04Mn^{2+}$ phosphor at different temperatures.