

## Supporting Information

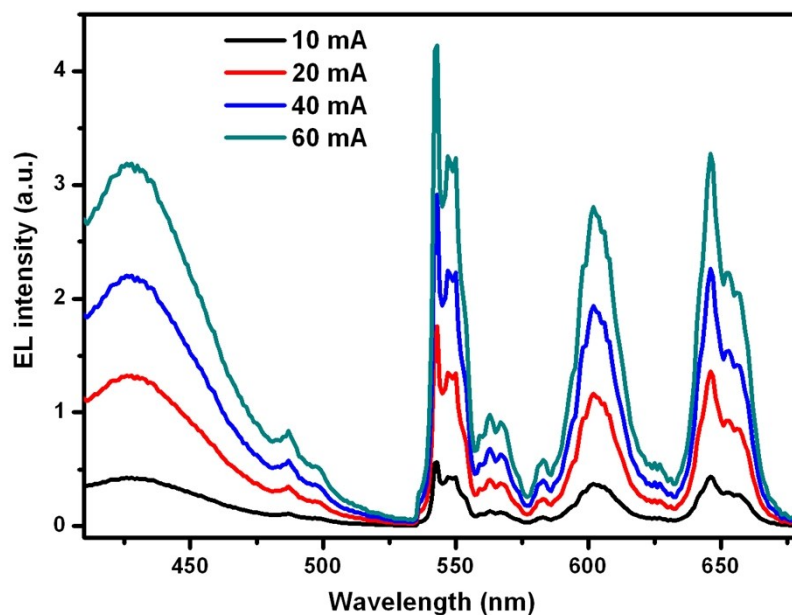
### **Single-Composition White-Emitting NaSrBO<sub>3</sub>:Ce<sup>3+</sup>, Sm<sup>3+</sup>, Tb<sup>3+</sup> Phosphors for NUV Light-Emitting Diodes**

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**Fig. S1** Electroluminescence (EL) spectra of the fabricated white light emitting diodes (WLED) device under various drive currents. The fabricated WLED device were operated at 3.0 V with various drive currents of 10, 20, 40 and 60 mA, respectively. The EL intensity increases with the increased driven current, whereas the EL pattern remains essentially unchanged.

**Table S1** Photoelectric parameters for the fabricated WLED device under various drive currents. With the increased drive current, the correlated color temperature (CCT) increases slightly from 6731 to 7062 K while the color rendering index (Ra) remains around 80. The slight variation of the chromaticity coordinate, merely 0.006 for CIE-x and 0.004 for CIE-y, respectively, confirms the negligible color fluctuation in the device.

Current (mA)	CCT (K)	<u>Chromaticity coordinate</u>		Ra
		x	y	
10	6731	0.311	0.314	80.1
20	6780	0.309	0.311	80.0
40	6993	0.306	0.310	79.5
60	7062	0.305	0.310	79.5