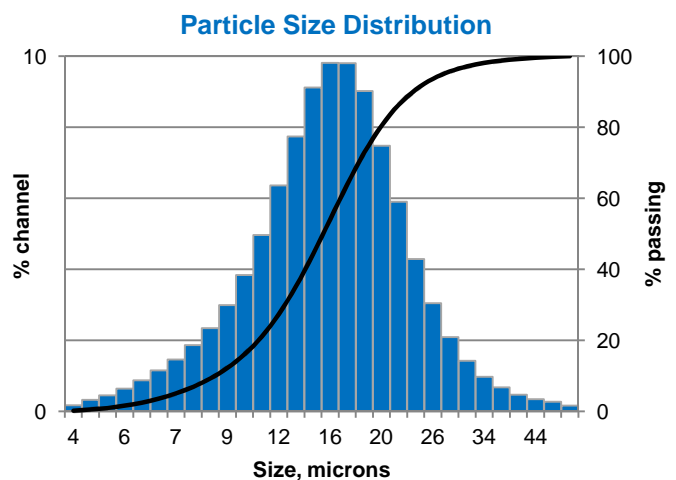
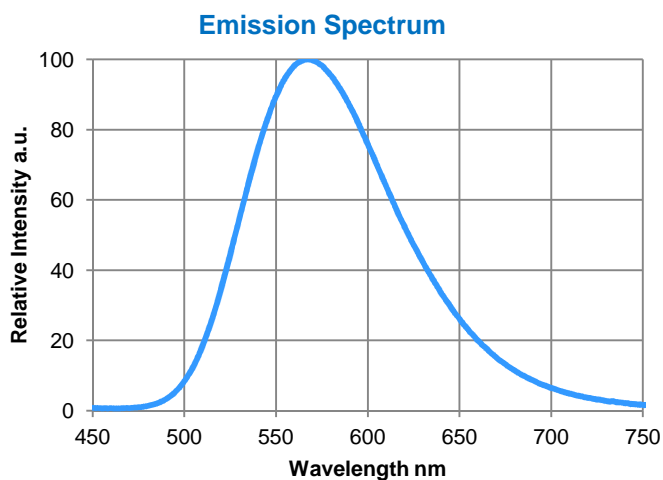


# DATASHEET

## Y4651

### Product Description and Application:

- Y4651 silicate phosphor is designed for low to mid-power white illumination.
- It can be used in combination with other Y series products for color tuning and to achieve a broader emission spectrum. Y4651 can be excited by a wide range of wavelengths from blue to near UV. The deep yellow color allows access to warmer white using a single phosphor.
- Y4651 can be used for high brightness white LEDs in mobile display backlighting, general and task lighting, camera flash, signage, decoration, and automotive applications.



### Material Specifications:



Materials	<i>Eu doped Silicates</i>
Density	<i>4.7 g/cm<sup>3</sup></i>
Particle Size	<i>D50V ~ 15µm</i>
CIE (1931)	<i>x=0.459, y=0.519</i>
Emission Peak	<i>570nm</i>
Excitation Range	<i>200nm to 490nm</i>

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