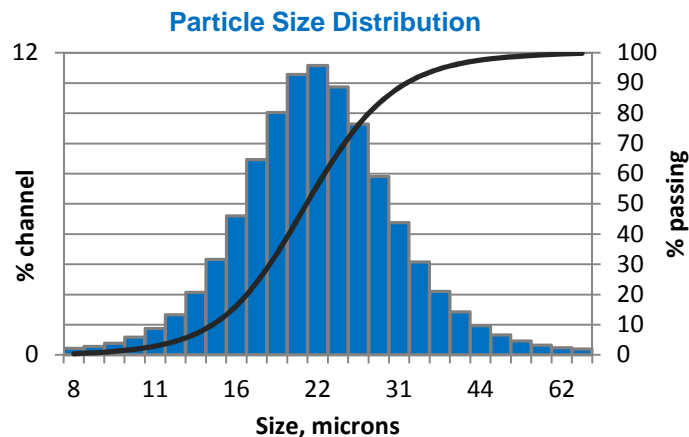
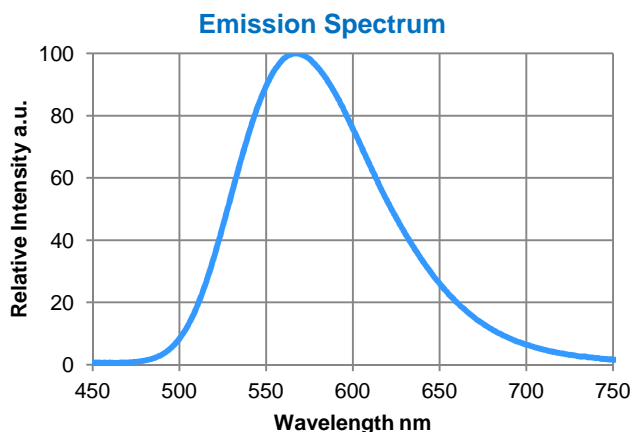


# DATASHEET

## Y4651-03-20

### Product Description and Application:

- Y4651-03-20 next generation , large particle silicate phosphor is designed to maximize brightness in low to medium power white LED packages.
- Y4651-03-20 can be used in combination with other Y series products for color tuning and to achieve a broader emission spectrum. It 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.
- High brightness white LEDs made with Y4651-03-20 can be used for mobile display backlighting, general and task lighting, camera flash, signage, decoration, and automotive applications.



### Material Specifications:



<b>Materials</b>	<i>Eu doped Silicates</i>
<b>Density</b>	<i>4.7 g/cm<sup>3</sup></i>
<b>Particle Size</b>	<i>D50V ~ 20µm</i>
<b>CIE (1931)</b>	<i>x=0.459, y=0.520</i>
<b>Emission Peak</b>	<i>568nm</i>
<b>Excitation Range</b>	<i>200nm to 490nm</i>

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