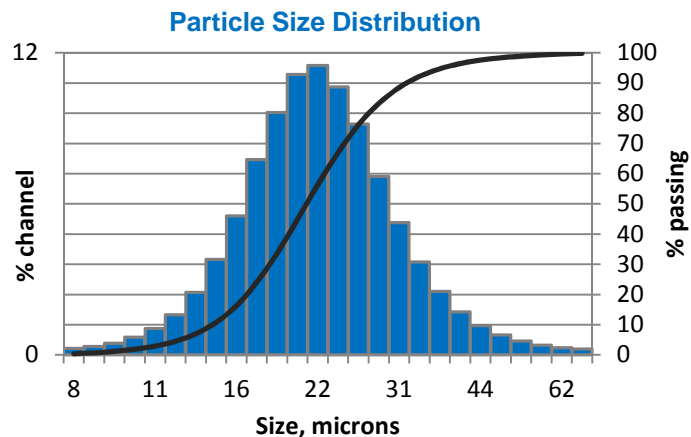
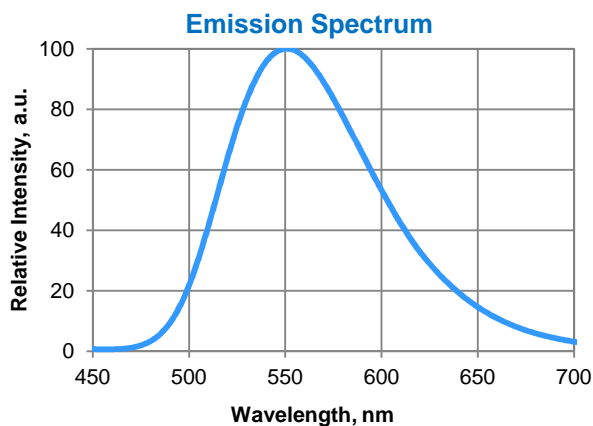


# DATASHEET

## Y4156-03-20

### Product Description and Application:

- Y4156-03-20 next generation, large particle silicate phosphor is designed to maximize brightness in low to medium power white LED packages.
- Y4156-03-20 can be used in combination with other silicate 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 enabling use of high efficiency LED chips (440nm to 450nm).
- High brightness white LEDs made with Y4156-03-20 can be used for 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 ~ 20µm</i>
CIE (1931)	<i>x=0.404, y=0.563</i>
Emission Peak	<i>550nm</i>
Excitation Range	<i>200nm to 490nm</i>

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