

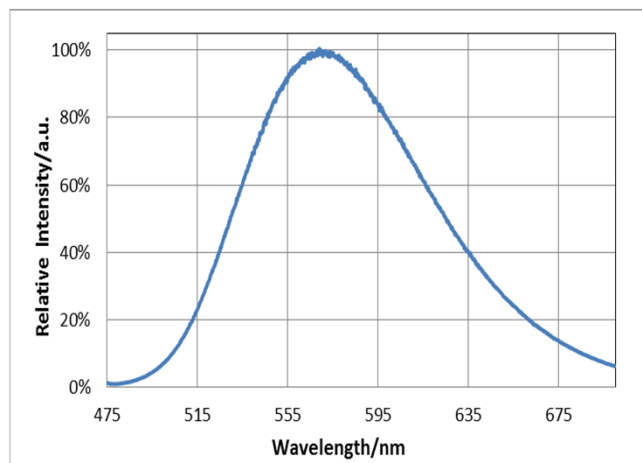
DATASHEET

Y4651

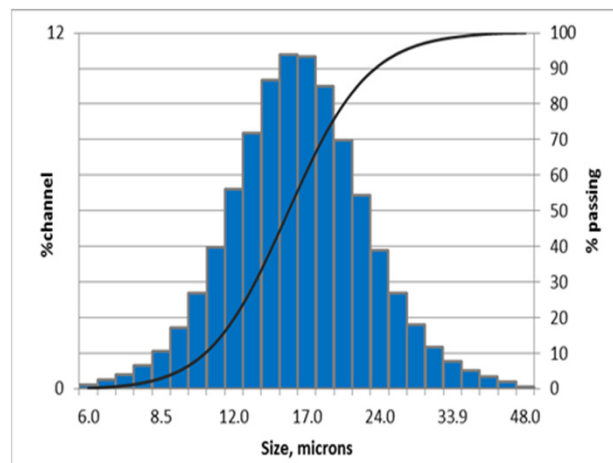
Product Description and Application

- 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 enabling use of high efficiency LED chips (440nm to 450nm).
- Y4651 can be used for high brightness white LEDs in mobile display backlighting, general and task lighting, camera flash, signage, decoration, and automotive applications.

Emission Spectrum



Particle Size Distribution



Material Specification:



Materials	<i>Eu doped Silicates</i>
Density	<i>4.7 g/cm³</i>
Particle Size	<i>D50V ~ 15.0 μm</i>
CIE (1931)	<i>x=0.459, y=0.517</i>
Emission Peak	<i>570 nm</i>
Excitation Range	<i>200nm to 490 nm</i>

For more information about Intematix phosphors please contact your local sales representative.

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