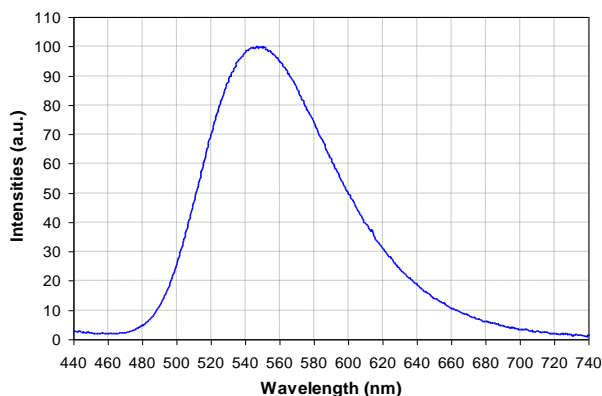


Y3957™

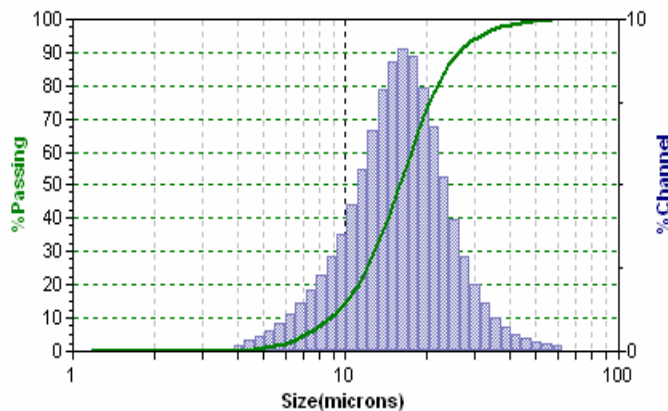
Product Description and Application:

- Y3957 phosphor is designed for white illumination devices.
- Higher efficiency of white is achieved using the shorter wavelength of blue LED chips ranging from 430nm to 450nm. It can be used in combination with other Y series products.
- High brightness white LEDs using this phosphor can be used for applications in display backlighting, camera flashes, signage, decoration, LED displays, projectors, automotive, general lighting, and a variety of high power applications.

Emission Spectrum



Particle Size Distribution



Material Specifications:



Materials	<i>Eu doped Silicates</i>
Density	4.75 g/cm^3
Particle Size	$D50 (V) \sim 15.5 \mu\text{m}$
CIE (1931)	$x=0.390, y=0.568$
Emission Peak	547 nm
Excitation Range	$200 \text{ nm to } 490 \text{ nm}$

INTEMATIX

46430 Fremont Boulevard • Fremont, CA 94538
Tel: +1 (510) 933-3300 • Fax: +1 (510) 668-0793

phosphor@intematix.com
www.intematix.com