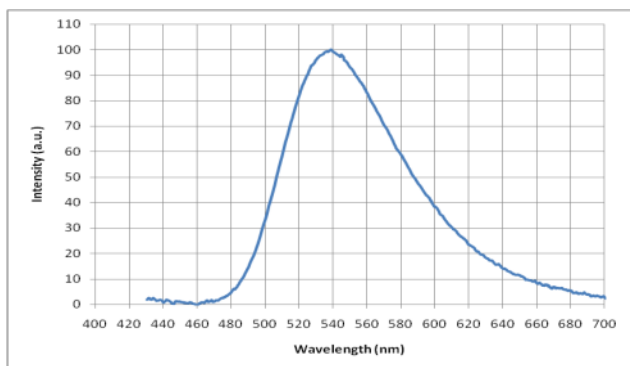


EG3759™

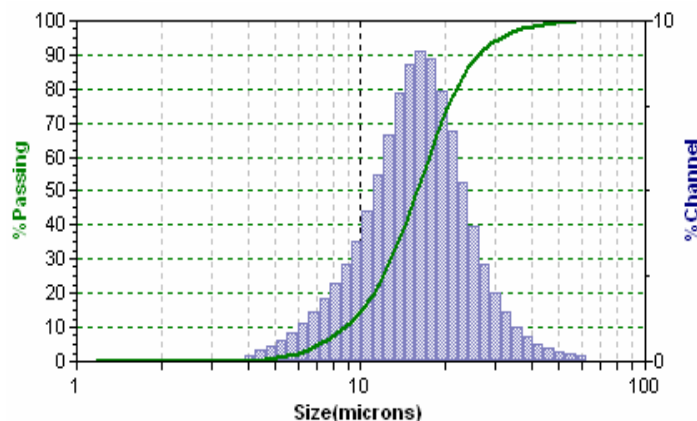
Product Description and Application:

- EG3759 Green phosphor is designed for green illumination devices and can be used as one of the components in warm white applications with higher CRI.
- Higher efficiency is achieved with shorter excitation wavelengths ranging from 200nm to 450nm than longer excitation wavelengths of 460nm to 480nm.
- High brightness green LEDs using this phosphor can be used for signals, signage, decoration and RGB display backlight.

Emission Spectrum



Particle Size Distribution



Material Specifications:



Materials	<i>Eu doped Silicates</i>
Density	4.77 g/cm^3
Particle Size	$D50 (V) \sim 15.5\mu\text{m}$
CIE (1931)	$x=0.367; y=0.592$
Emission Peak	539nm
Excitation Range	200 nm to 490nm

INTEMATIX

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

phosphor@intematix.com
www.intematix.com