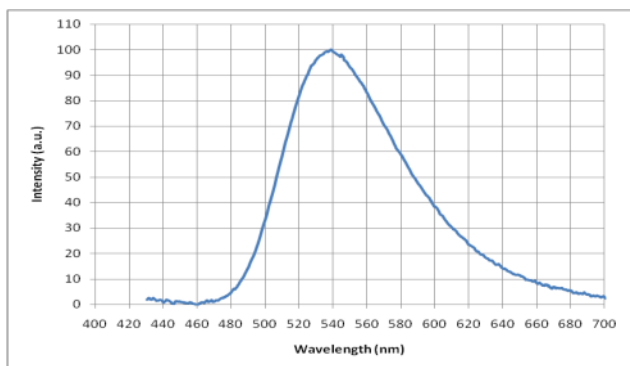


EG3759™

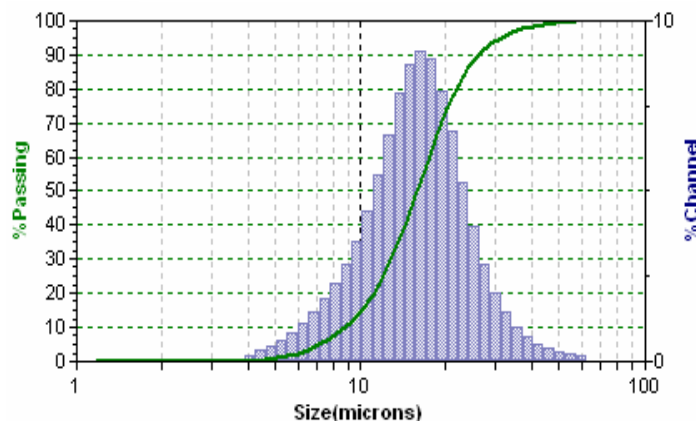
Product Description and Application:

- 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 |

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