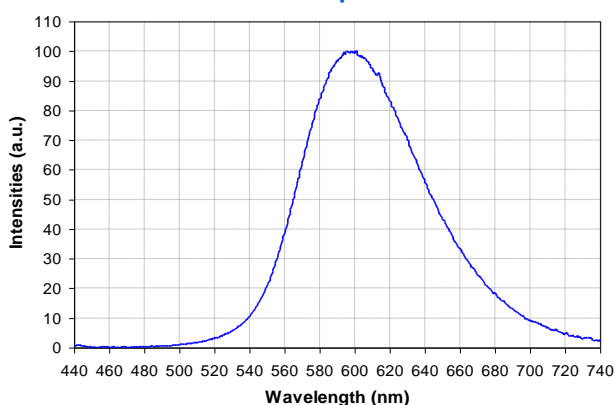


O5742™

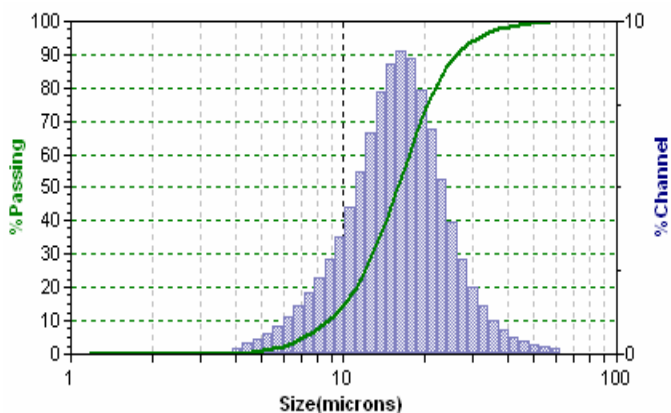
Product Description and Application:

- O5742 phosphor is designed for Purple, Pink, and Orange illumination devices, and is one of the components in warm white applications.
- High efficiency is achieved in the wavelength ranging from 200nm to 540nm.
- High brightness orange LEDs using this phosphor can be used for illumination, signals, signage and decoration.

Emission Spectrum



Particle Size Distribution



Material Specifications:



Materials	<i>Eu doped Silicates</i>
Density	4.67 g/cm^3
Particle Size	$D50 (V) \sim 16.5 \mu\text{m}$
CIE (1931)	$x=0.576, y=0.417$
Emission Peak	600nm
Excitation Range	$200 \text{ nm to } 580\text{nm}$

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