

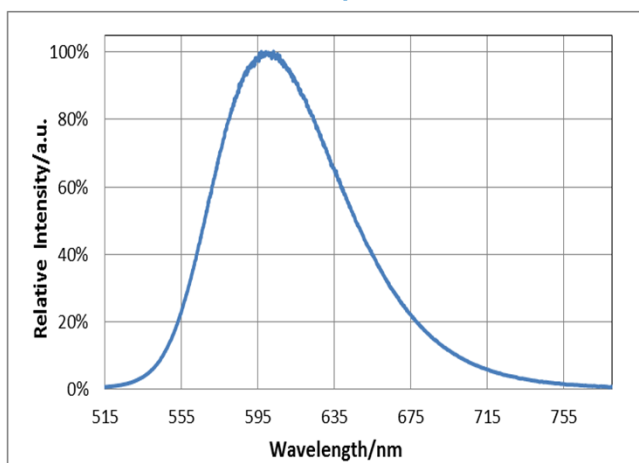
DATASHEET

05742

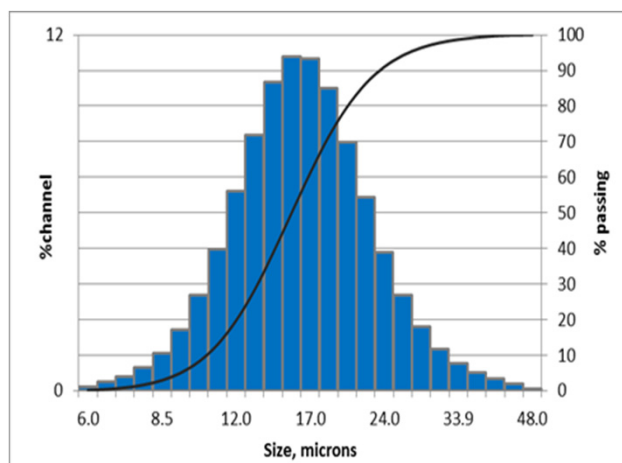
Product Description and Application

- 05742 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 Specification:



Materials	<i>Eu doped Silicates</i>
Density	4.67 g/cm^3
Particle Size	$D_{50V} \sim 15.0 \mu\text{m}$
CIE (1931)	$x=0.573, y=0.419$
Emission Peak	599 nm
Excitation Range	$200\text{nm to } 580 \text{ nm}$

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

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