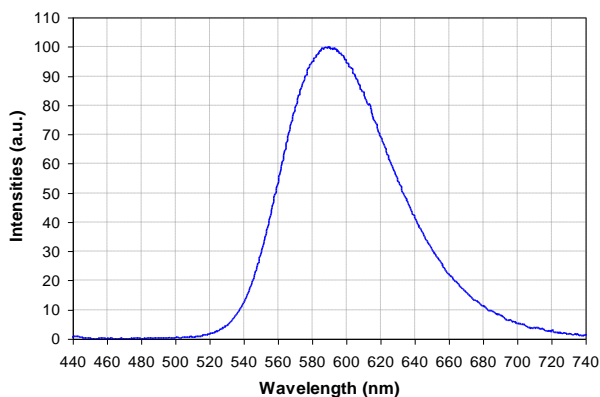


## O5544™

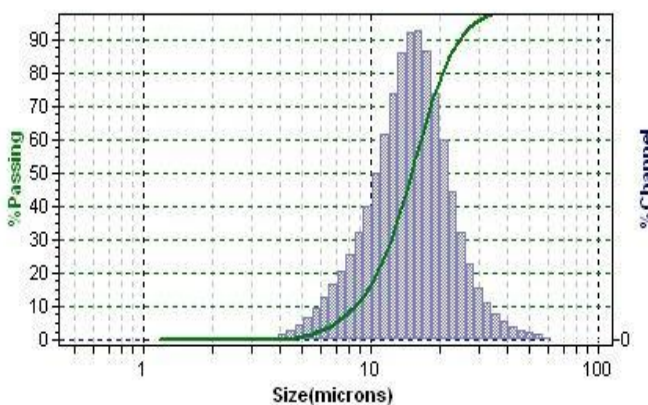
### Product Description and Application:

- O5544 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 520nm.
- High brightness orange LEDs using this phosphor can be used for illumination, signals, signage and decoration.

**Emission Spectrum**



**Particle Size Distribution**



### Material Specifications:



<b>Materials</b>	<i>Eu doped Silicates</i>
<b>Density</b>	$4.76 \text{ g/cm}^3$
<b>Particle Size</b>	$D50 (V) \sim 16.5\mu\text{m}$
<b>CIE (1931)</b>	$x=.553, y=0.440$
<b>Emission Peak</b>	$590\text{nm}$
<b>Excitation Range</b>	$200 \text{ nm to } 560\text{nm}$

## INTEMATIX

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