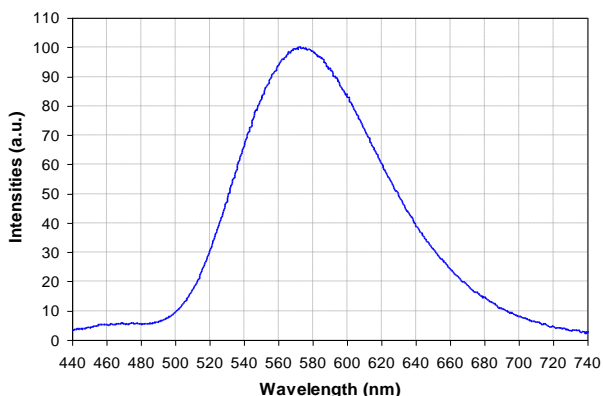


## EY4750™

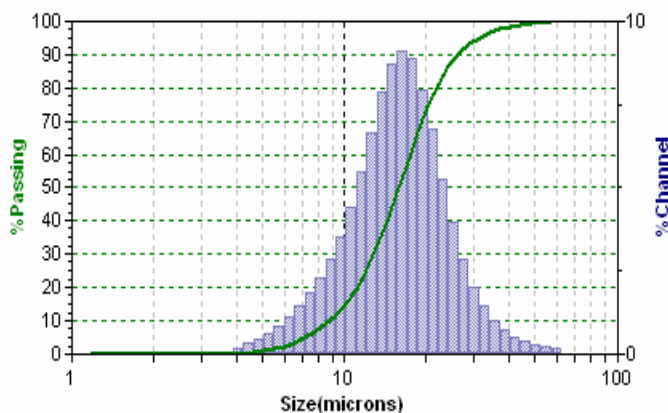
### Product Description and Application:

- EY4750 phosphor is designed for white illumination devices.
- Higher efficiency of white is achieved using the shorter wavelength of blue LED chips ranging from 455nm to 470nm. It can be used in combination with other Y series products.
- High brightness white LEDs using this phosphor can be used for applications in display backlighting, camera flashes, signage, decoration, LED displays, projectors, automotive, general lighting, and a variety of high power applications.

**Emission Spectrum**



**Particle Size Distribution**



### Material Specifications:



<b>Materials</b>	<i>Eu doped Silicates</i>
<b>Density</b>	<i>4.34 g/cm<sup>3</sup></i>
<b>Particle Size</b>	<i>D50 (V) ~ 15.5µm</i>
<b>CIE (1931)</b>	<i>x=0.470, y=0.510</i>
<b>Emission Peak</b>	<i>574nm</i>
<b>Excitation Range</b>	<i>200 nm to 490nm</i>

## INTEMATIX

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