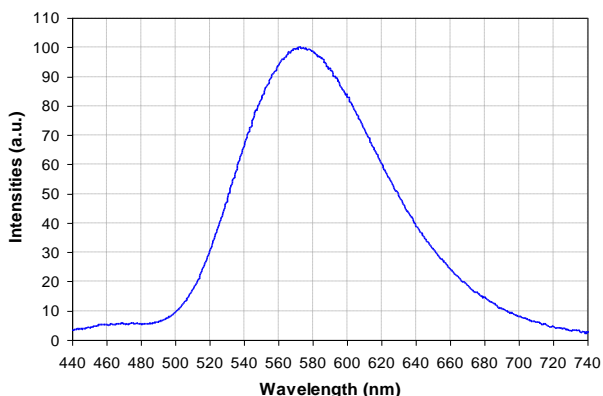


## EY4750™

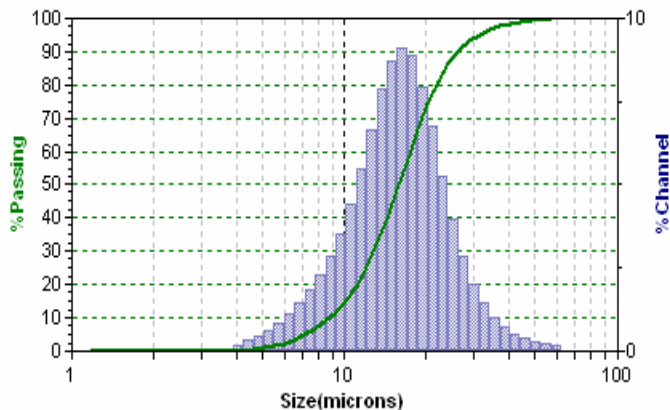
### Product Description and Application:

- 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:



Materials	<i>Eu doped Silicates</i>
Density	$4.34 \text{ g/cm}^3$
Particle Size	$D50 (V) \sim 15.5 \mu\text{m}$
CIE (1931)	$x=0.470, y=0.510$
Emission Peak	$574 \text{ nm}$
Excitation Range	$200 \text{ nm to } 490 \text{ nm}$

## INTEMATIX

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