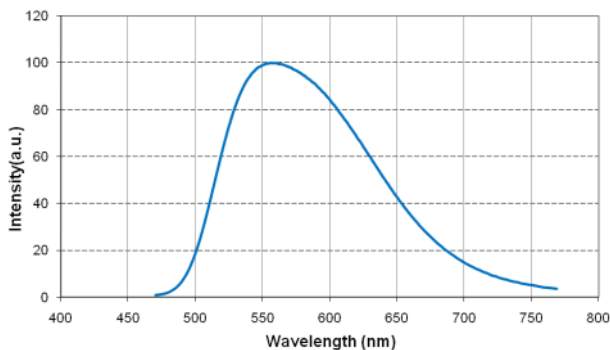


## NYAG4653™

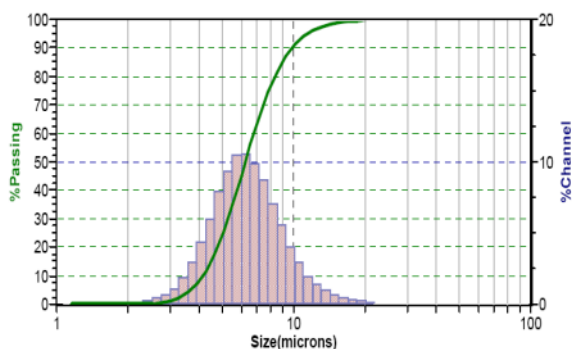
### Product Description and Application:

- NYAG4653 phosphor is yttrium aluminum garnet based YAG phosphor designed for white illumination devices.
- High efficiency of white is achieved using the wavelength of blue LED chips ranging from 455nm to 470nm. It can be used in combination with other color phosphor 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	Ce doped YAG
Density	4.8 g/cm <sup>3</sup>
Particle Size	D50 (V) ~ 5-17µm
CIE (1931)	x=0.458, y=0.526
Emission Peak	562nm
Excitation Range	430nm to 490nm

\* This data is sample data from an Engineering Sample and is for reference only.

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