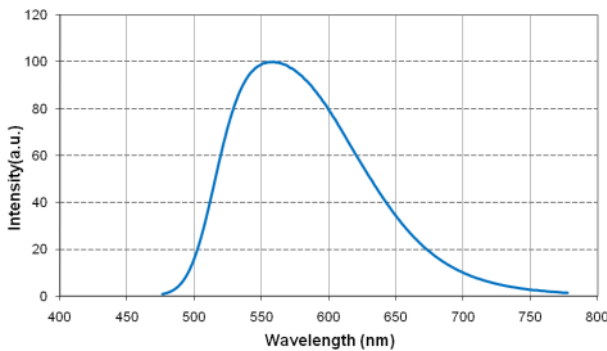


## NYAG4454™

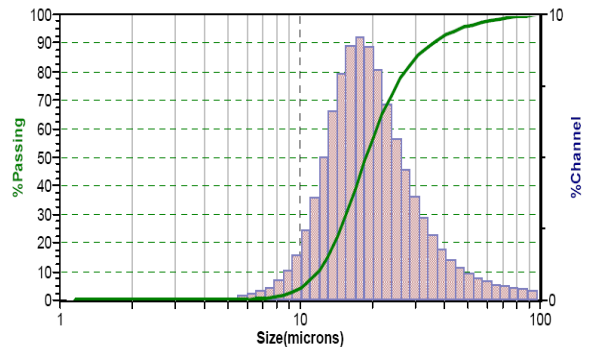
### Product Description and Application:

- NYAG4454 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:



<b>Materials</b>	<i>Ce doped YAG</i>
<b>Density</b>	<i>4.8 g/cm<sup>3</sup></i>
<b>Particle Size</b>	<i>D50 (V) ~ 5-17µm</i>
<b>CIE (1931)</b>	<i>x=0.444, y=0.536</i>
<b>Emission Peak</b>	<i>558nm</i>
<b>Excitation Range</b>	<i>430nm to 490nm</i>

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

## INTEMATIX

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