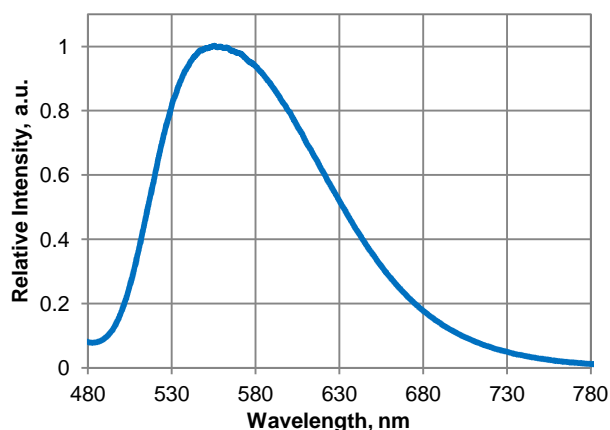


## NYAG4454-EL

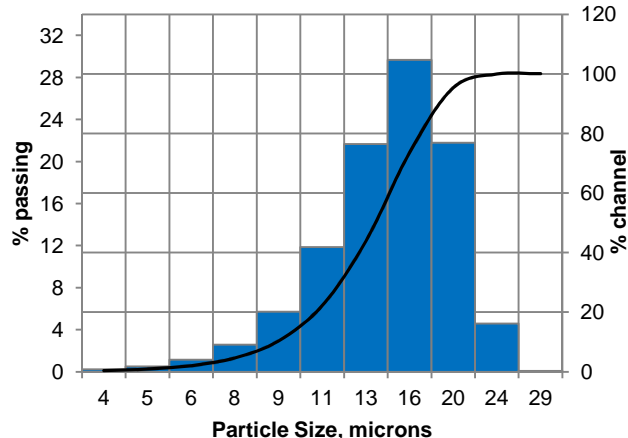
### Product Description and Application:

- NYAG4454-EL is a yttrium aluminum garnet (YAG) based phosphor designed for white illumination devices.
- NYAG4454-EL offers a single phosphor solution for cool white outdoor and industrial lighting at 70CRI and for high brightness backlighting applications requiring <75% NTSC. Additionally, the brightness of GAL and red nitride combinations for warm white 80 CRI illumination can be optimized with NYAG4454-EL using a three-phosphor strategy.
- Our process results in a highly crystalline and uniform particle morphology, offering efficient and reliable performance, characteristic of all Intematix NYAG phosphors.

Emission Spectrum



Particle Size Distribution



### Material Specifications:



Materials	Ce doped YAG
Density	4.8 g/cm <sup>3</sup>
Particle Size	D50V ~ 14µm
CIE (1931)	x=0.448, y=0.533
Emission Peak	560nm
Excitation Range	430nm to 490nm

For more information about Intematix phosphors please contact your local sales representative.

## INTEMATIX

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