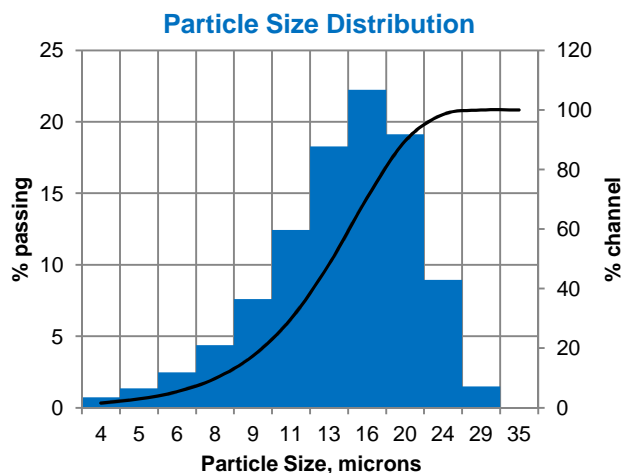
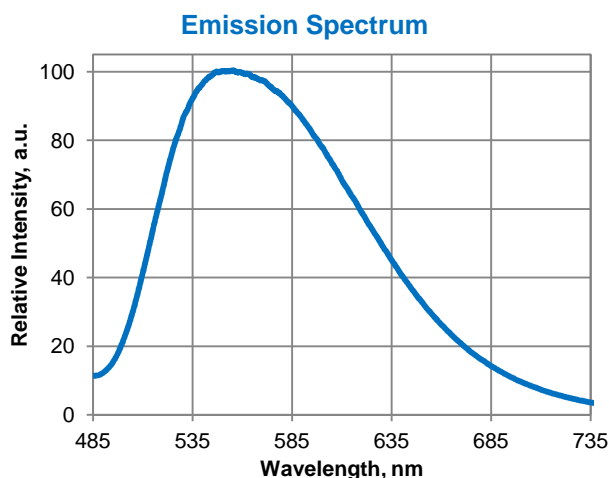


DATASHEET

NYAG4454-L

Product Description and Application:

- NYAG4454-L is a yttrium aluminum garnet (YAG) based phosphor designed for white illumination devices.
- NYAG4454-L offers a single phosphor solution for cool white outdoor and industrial lighting at 70 CRI 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-L 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.



Material Specifications:



Materials	Ce doped YAG
Density	4.8 g/cm ³
Particle Size	D50V ~ 13.5µm
CIE (1931)	x=0.444, y=0.536
Emission Peak	558nm
Excitation Range	430nm to 490nm

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

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