

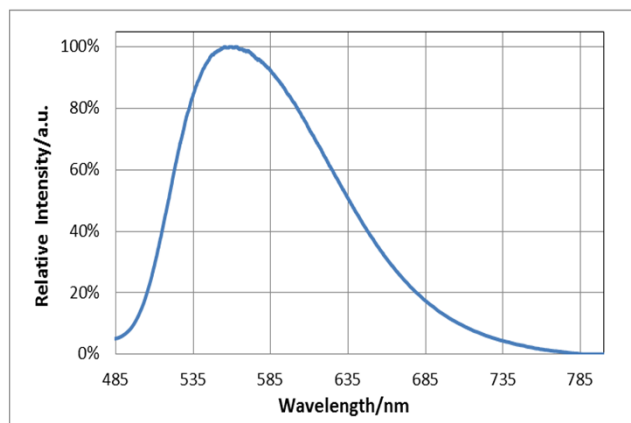
DATASHEET

NYAG4653-02-18

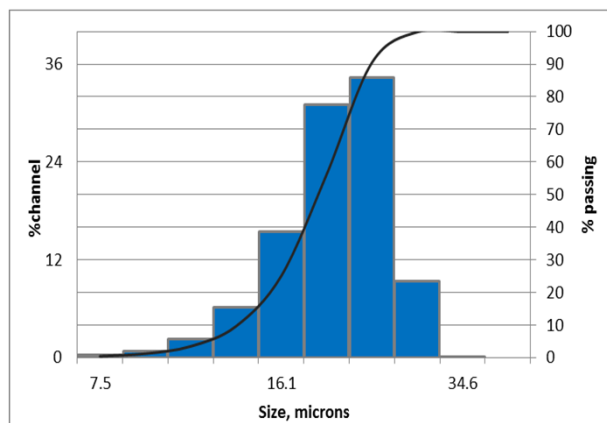
Product Description and Application

- NYAG4653 yellow phosphor is a (YAG) phosphor designed for white illumination devices.
- NYAG4653 is ideal for use with long wavelength blue pump as a single phosphor solution for cool white displays with >70% NTSC, as well as for cool white >65 CRI illumination applications. For a warmer white, blend with Intematix red nitride phosphors.
- This phosphor has a highly crystalline and uniform particle morphology, thus offering the efficient and reliable performance characteristic of all Intematix NYAG phosphors.

Emission Spectrum



Particle Size Distribution



Material Specification:



Materials	Ce doped YAG
Density	4.8 g/cm ³
Particle Size	D50V ~ 18.0 μm
CIE (1931)	x=0.457, y=0.528
Emission Peak	562 nm
Excitation Range	430nm to 490 nm

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

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