

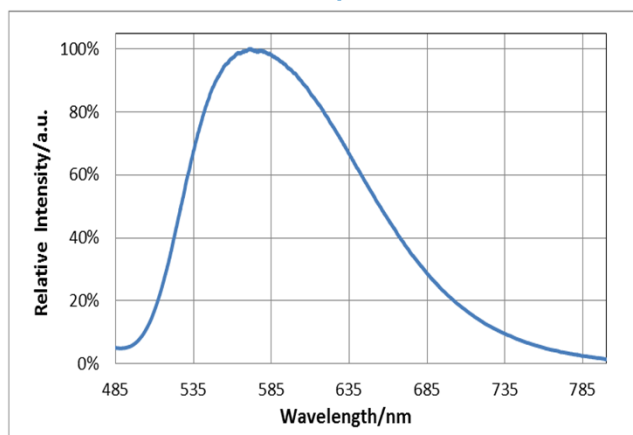
# DATASHEET

## NYAG4950-01-14

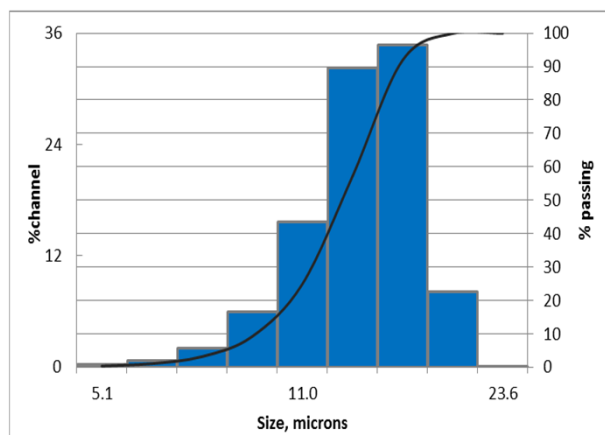
### Product Description and Application

- NYAG4950 yellow phosphor is a (YAG) phosphor designed for white illumination devices.
- NYAG4950 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 <sup>3</sup>
Particle Size	D50V ~ 14.0 μm
CIE (1931)	x=0.487, y=0.502
Emission Peak	575 nm
Excitation Range	430nm to 490 nm

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

## INTEMATIX

46410 Fremont Boulevard Fremont, CA 94538  
Tel: +1 (510) 933-3300 Fax: +1 (510) 668-0793

sales@intematix.com  
www.intematix.com