

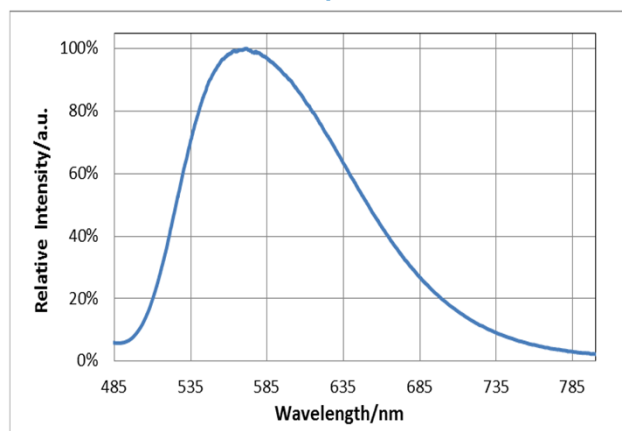
DATASHEET

NYAG4851-01-13

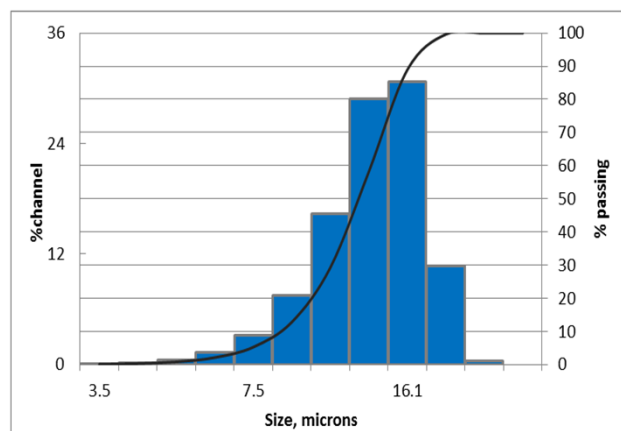
Product Description and Application

- NYAG4851 yellow phosphor is a (YAG) phosphor designed for white illumination devices.
- NYAG4851 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 ~ 13.5 μ m
CIE (1931)	x=0.483, y=0.506
Emission Peak	572 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