

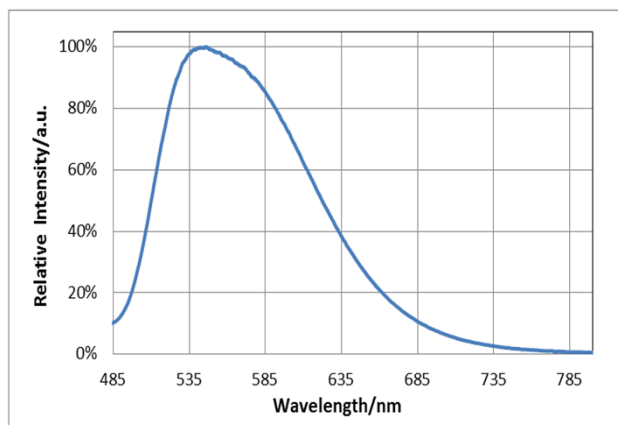
DATASHEET

NYAG4355-01-18

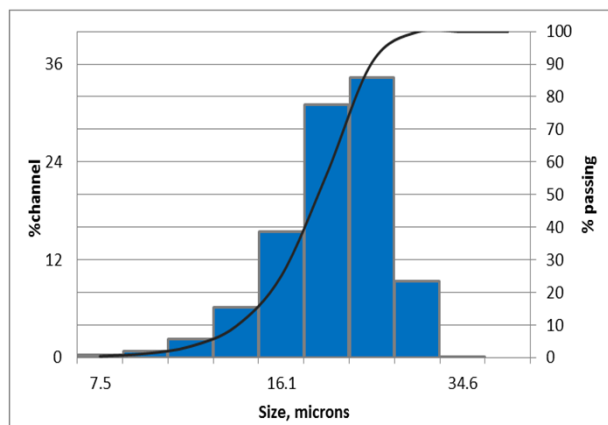
Product Description and Application

- NYAG4355 yellow phosphor is a (YAG) phosphor designed for white illumination devices.
- NYAG4355 has highly uniform particles resulting in a phosphor with exceptional efficiency.
- High efficiency white light is achieved using the wavelength of blue LED chips ranging from 455 nm to 470 nm. It can be used in combination with Intematix GAL and Red Nitride for brightness enhancement of your cool white applications.
- NYAG4355 is a single solution for your 70CRI, 5000-6500K general lighting needs.

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=0.426, y=0.548
Emission Peak	551 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