

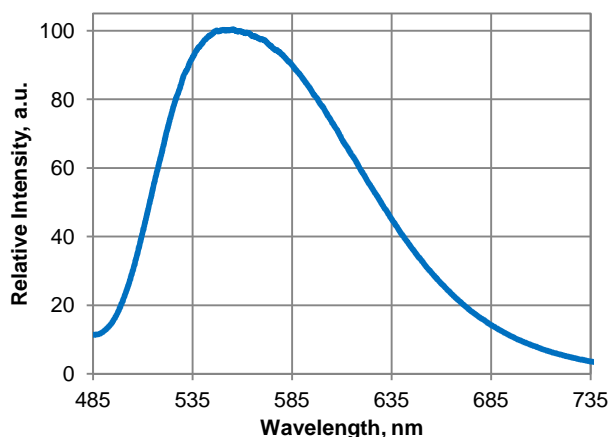
DATASHEET

NYAG4454-03-B08

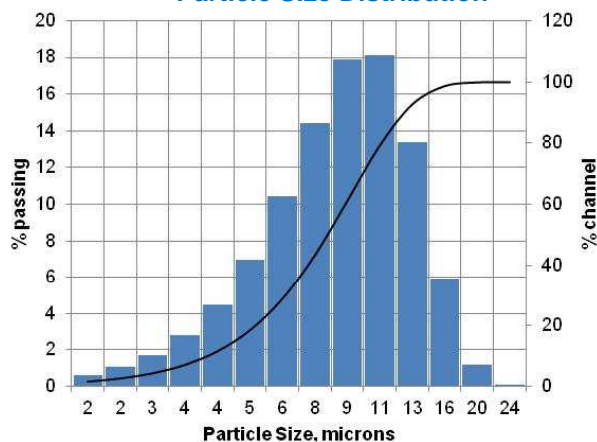
Product Description and Application:

- NYAG4454-03 is a yttrium aluminum garnet (YAG) based phosphor designed for white illumination devices.
- NYAG4454-03 offers a single phosphor solution for high brightness backlighting applications requiring <75% NTSC. It can also be used for cool white outdoor and industrial lighting at 70 CRI or in combinations with GAL and red phosphor for 80 CRI illumination.
- Our process results in a highly crystalline and uniform particle morphology, offering efficient and reliable performance. The small particle size is designed for use with lower viscosity silicones and for thin film coating applications.

Emission Spectrum



Particle Size Distribution



Material Specifications:



Materials	Ce doped YAG
Density	4.8 g/cm ³
Particle Size	D50V ~ 8.5µm
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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