

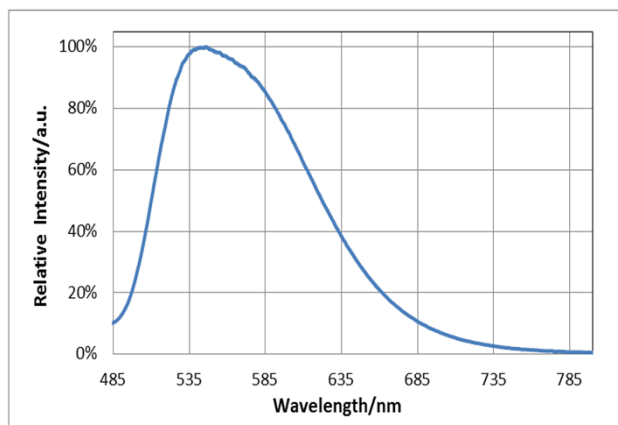
DATASHEET

NYAG4454-01-18

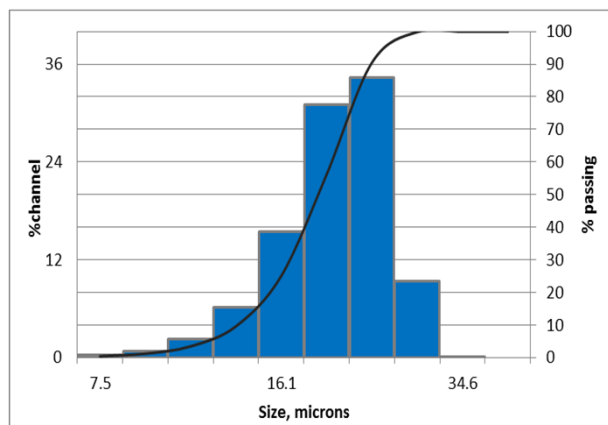
Product Description and Application

- NYAG4454 yellow phosphor is a (YAG) phosphor designed for white illumination devices.
- NYAG4454 has highly uniform particles resulting in a phosphor with exceptional efficiency.
- NYAG 4454 offers a single phosphor solution for cool white outdoor and industrial lighting at 70 CRI and for high brightness backlighting applications requiring <75 NTSC. Additionally, the brightness of GAL and red nitride combinations for 80 CRI illumination can be optimized NYAG4454 using a three phosphor strategy.

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=0.444, y=0.536
Emission Peak	558 nm
Excitation Range	430nm to 490 nm

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

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