

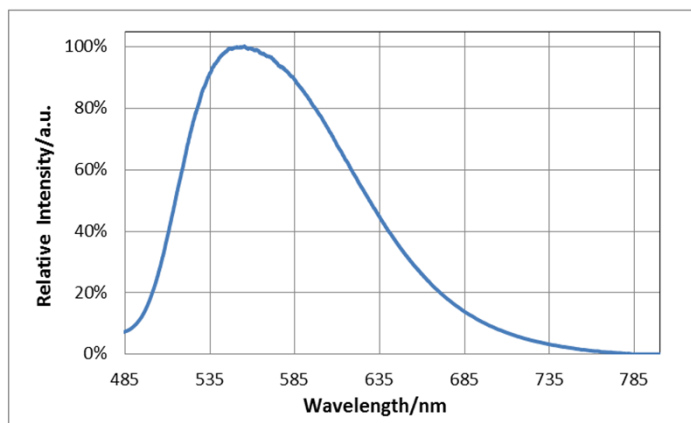
# DATASHEET

## NYAG4454-EL-01-18

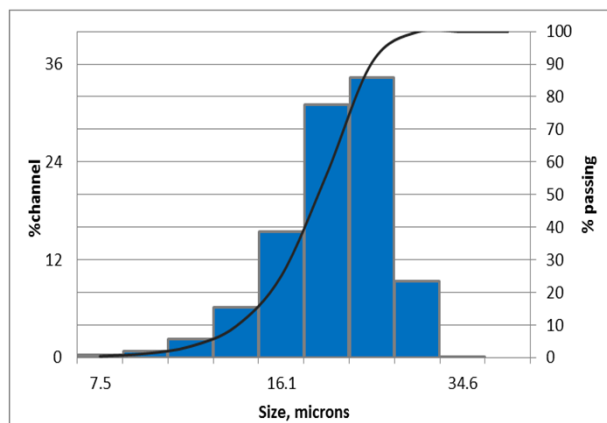
### Product Description and Application

- NYAG4454-EL yellow phosphor is a (YAG) phosphor designed for white illumination devices.
- NYAG4454-EL has highly uniform particles resulting in a phosphor with exceptional efficiency.
- NYAG 4454-EL 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-EL using a three phosphor strategy.

Emission Spectrum



Particle Size Distribution



### Material Specification:



Materials	Ce doped YAG
Density	4.8 g/cm <sup>3</sup>
Particle Size	D50V ~ 18.0 μm
CIE (1931)	x=0.448, y=0.533
Emission Peak	559 nm
Excitation Range	430nm to 490 nm

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

## INTEMATIX

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