

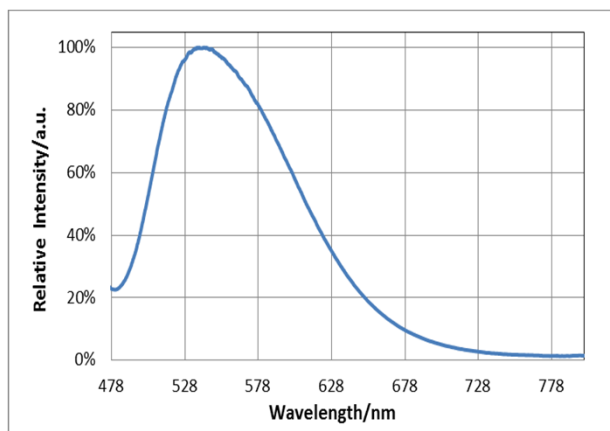
DATASHEET

NYAG4056-01-13

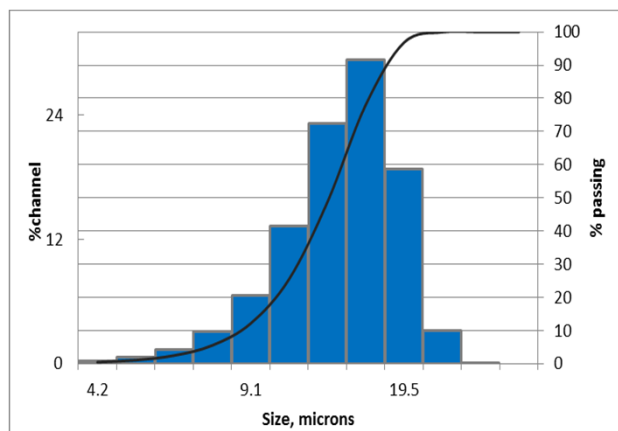
Product Description and Application

- NYAG4056 greenish-yellow phosphor is a YAG phosphor designed for warm and cool lighting applications where a minimum of 80 CRI is required, particularly for longer wavelength blue LEDs ($\lambda_d \geq 455$ nm).
- The high quantum efficiency, high reliability and high thermal stability make NYAG4056 versatile for use in low, mid and high power applications.
- High brightness white LEDs using NYAG4056 can be used as a single solution for general lighting.

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=0.403, y=0.559
Emission Peak	542 nm
Excitation Range	430nm to 490 nm

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

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