

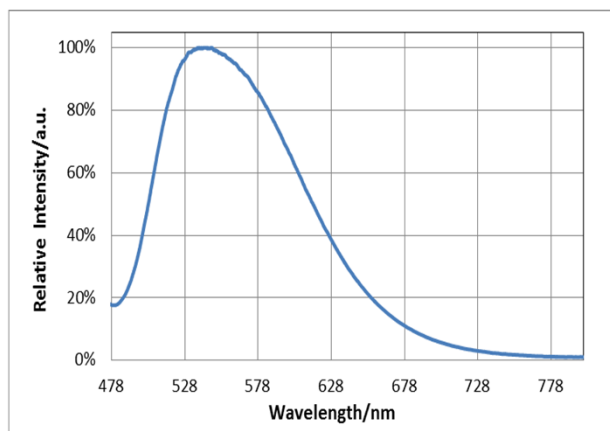
DATASHEET

GNYAG4056-01-15

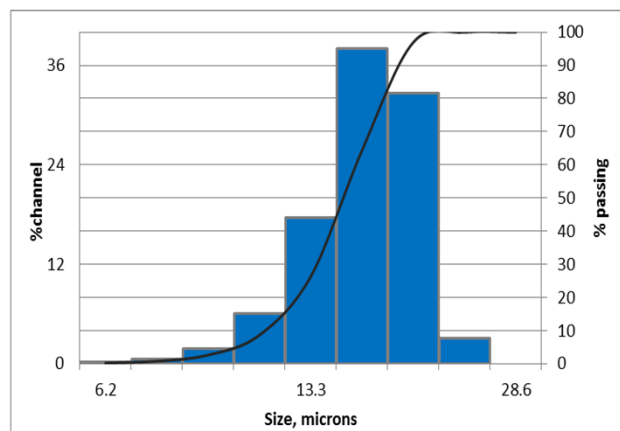
Product Description and Application

- GNYAG phosphor extends the versatility of YAG phosphor into the shorter wavelength green emission range, enabling 80 min CRI for general lighting applications.
- The high reliability and thermal stability of GNYAG4056, characteristic of YAG phosphors, make this broad emission green phosphor applicable for medium to high powder LEDs (up to 2W). GNYAG4056 offers 80 CRI for blue LED wavelength 457-463 nm.

Emission Spectrum



Particle Size Distribution



Material Specification:



Materials	Garnet
Density	5.0 g/cm ³
Particle Size	D50V ~ 15 μm
CIE (1931)	x=0.403, y=0.558
Emission Peak	543 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