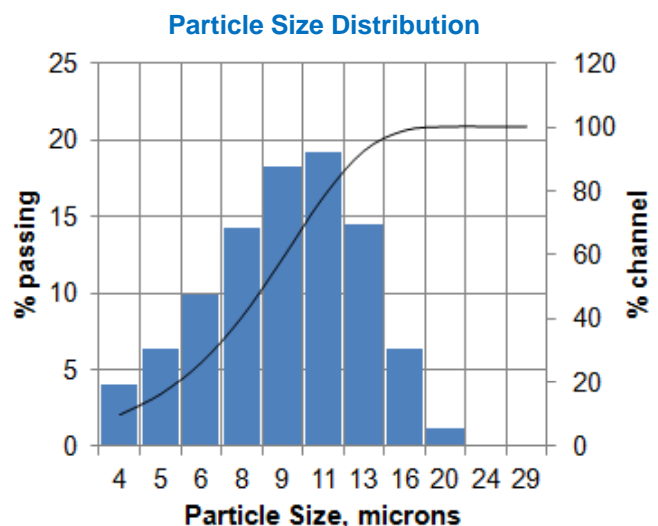
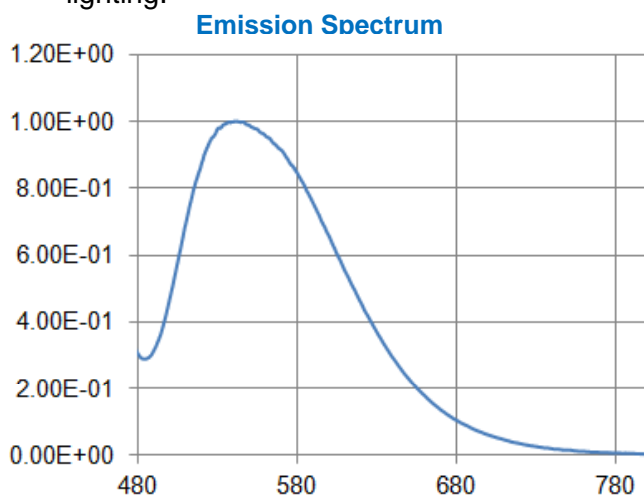


# DATASHEET

## NYAG4156-S

### Product Description and Application:

- NYAG4156-S 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 NYAG4156-S versatile for use in low, mid and high power applications.
- High brightness white LEDs using NYAG4156-S can be used as a single solution for general lighting.



### Material Specifications:



Materials	Ce doped YAG
Density	4.8 g/cm <sup>3</sup>
Particle Size	D50V ~ 8 $\mu$ m
CIE (1931)	x=0.403, y=0.558
Emission Peak	544nm
Excitation Range	430nm to 490nm

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

## INTEMATIX

46430 Fremont Boulevard • Fremont, CA 94538  
Tel: +1 (510) 933-3300 • Fax: +1 (510) 668-0793

[Sales@intematix.com](mailto:Sales@intematix.com)  
[www.intematix.com](http://www.intematix.com)