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**: $D_{50V} \sim 13.5$ μm
- **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.