NYAG4752-02-18
Product Description and Application

- NYAG4752 yellow phosphor is a (YAG) phosphor designed for white illumination devices.
- NYAG4752 is ideal for use with long wavelength blue pump as a single phosphor solution for cool white displays with >70% NTSC, as well as for cool white >65 CRI illumination applications. For a warmer white, blend with Intematix red nitride phosphors.
- This phosphor has a highly crystalline and uniform particle morphology, thus offering the efficient and reliable performance characteristic of all Intematix NYAG phosphors.

**Material Specification:**
- **Materials**: Ce doped YAG
- **Density**: 4.8 g/cm$^3$
- **Particle Size**: $D_{50V} \sim 18.0 \mu m$
- **CIE (1931)**: $x=0.465$, $y=0.521$
- **Emission Peak**: 566 nm
- **Excitation Range**: 430 nm to 490 nm

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