NYAG4454-EL-01-18

Product Description and Application

- NYAG4454-EL yellow phosphor is a (YAG) phosphor designed for white illumination devices.
- NYAG4454-EL has highly uniform particles resulting in a phosphor with exceptional efficiency.
- NYAG 4454-EL offers a single phosphor solution for cool white outdoor and industrial lighting at 70 CRI and for high brightness backlighting applications requiring <75 NTSC. Additionally, the brightness of GAL and red nitride combinations for 80 CRI illumination can be optimized NYAG4454-EL using a three phosphor strategy.

Material Specification:

- **Materials**: Ce doped YAG
- **Density**: 4.8 g/cm³
- **Particle Size**: D50V ~ 18.0 μm
- **CIE (1931)**: x=0.448, y=0.533
- **Emission Peak**: 559 nm
- **Excitation Range**: 430nm to 490 nm

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