Y4651-05-23

Product Description and Application

- Y4651-05-23 is large particle silicate phosphor is designed to maximize brightness in low to medium power white LED packages.

- Y4651-05-23 can be used in combination with other Y series products for color tuning and to achieve a broader emission spectrum. It can be excited by a wide range of wavelengths from blue to near UV enabling use of high efficiency LED chips (440nm to 450nm).

- High brightness white LEDs made with Y4651-05-23 can be used for mobile display backlighting, general and task lighting, camera flash, signage, decoration, and automotive applications.

Material Specification:

- **Materials**: Eu doped Silicates
- **Density**: 4.7 g/cm³
- **Particle Size**: D50V ~ 23.0 μm
- **CIE (1931)**: x=0.455, y=0.523
- **Emission Peak**: 567 nm
- **Excitation Range**: 200nm to 490 nm

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