Y4156-02-16

Product Description and Application

- Y4156 silicate phosphor is designed for low to mid-power white illumination.
- It can be used in combination with other Y series products for color tuning and to achieve a broader emission spectrum. Y4156 can be excited by a wide range of wavelengths from blue to near UV enabling use of high efficiency LED chips (440nm to 450nm).
- Y4156 can be used for high brightness white LEDs in mobile display backlighting, general and task lighting, camera flash, signage, decoration, and automotive applications.

Material Specification:

- Eu doped Silicates
- Density: 4.7 g/cm³
- Particle Size: D50V ~ 16.0 µm
- CIE (1931): x=0.402, y=0.563
- Emission Peak: 551 nm
- Excitation Range: 200nm to 490 nm

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