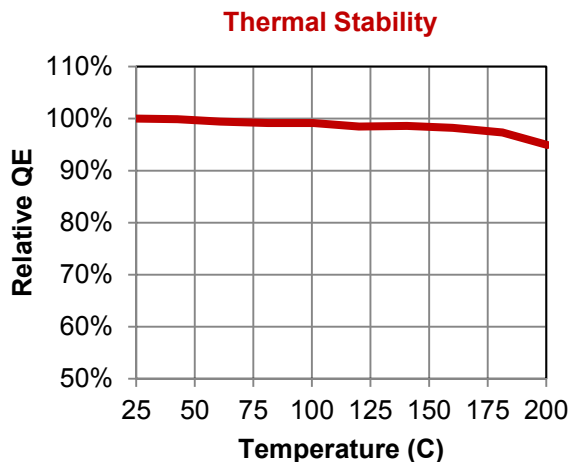
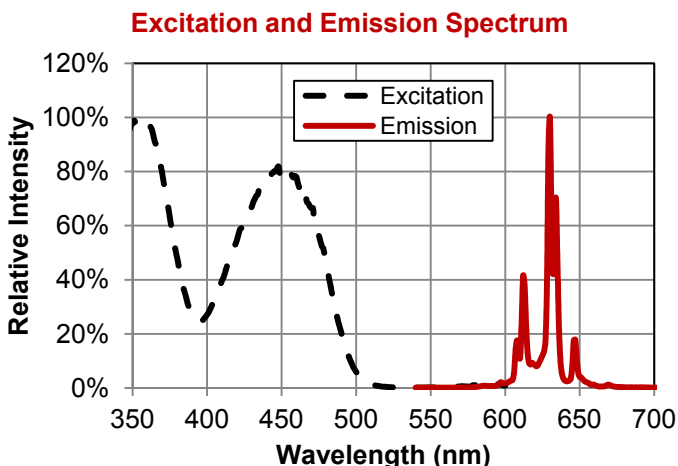


Intematix KSF Phosphor

Intematix KSF phosphors enable increased color gamut and superior brightness for display backlighting. The narrow band emission enables up to 30% better color filter throughput, higher screen brightness and lower energy consumption. NR6931-04B delivers enhanced reliability for higher drive current applications without a significant increase in usage ensuring it is compatible with mid to low power LED package architectures.

Applications include wide color gamut backlighting for mobile, tablet, notebook, monitor and television displays.

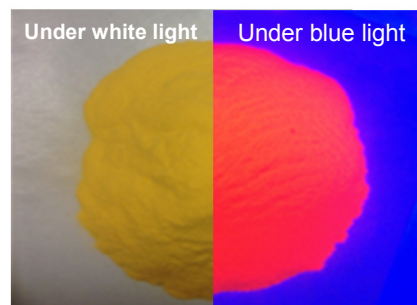
Product Name	PL Relative Intensity	FWHM	Emission Peak Wavelength	Color Coordinates		Particle Size D50V μm
	%		nm	x	y	
NR6931-04B	≥ 700	10	632	0.693	0.307	25.0



Material Properties

Material	KSF
Body Color	Yellow
Density	2.75 g/cm ³
Excitation Range	320 nm to 490 nm

Phosphor Powder Color



INTEMATIX

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