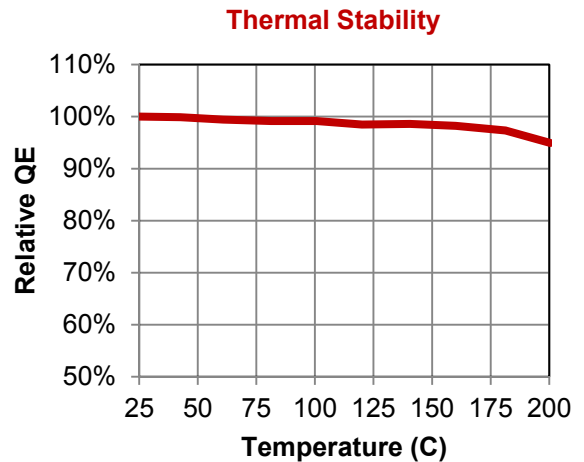
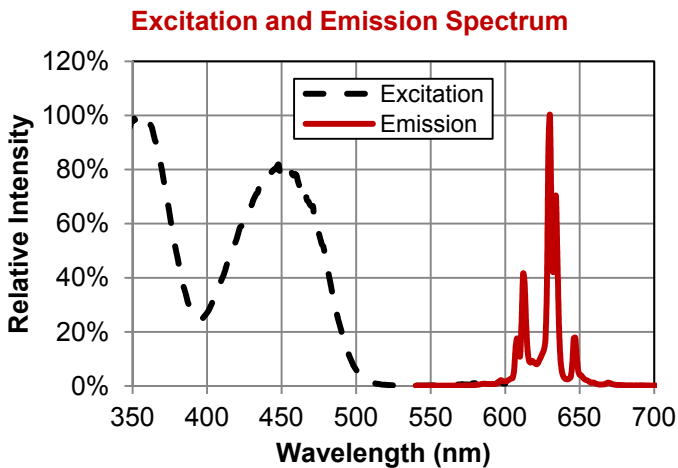


# Intematix KSF Phosphor

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. NR6931-04C has been optimized to deliver excellent reliability when used in high power LED packages under a wide range of use conditions.

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

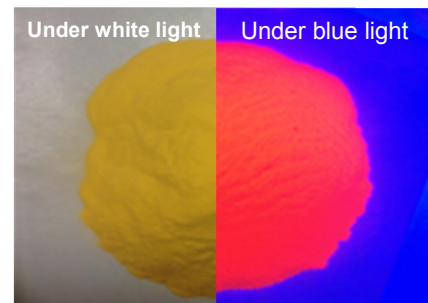
Product Name	PL Relative Intensity	FWHM	Emission Peak	Color Coordinates		Particle Size
	%		Wavelength	x	y	
NR6931-04C	≥650	10	632	0.693	0.307	25.0



## Material Properties

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

## Phosphor Powder Color



# INTEMATIX

46410 Fremont Boulevard Fremont, CA 94538  
Tel: +1 (510) 933-3300 Fax: +1 (510) 668-0793

[sales@intematix.com](mailto:sales@intematix.com)  
[www.intematix.com](http://www.intematix.com)