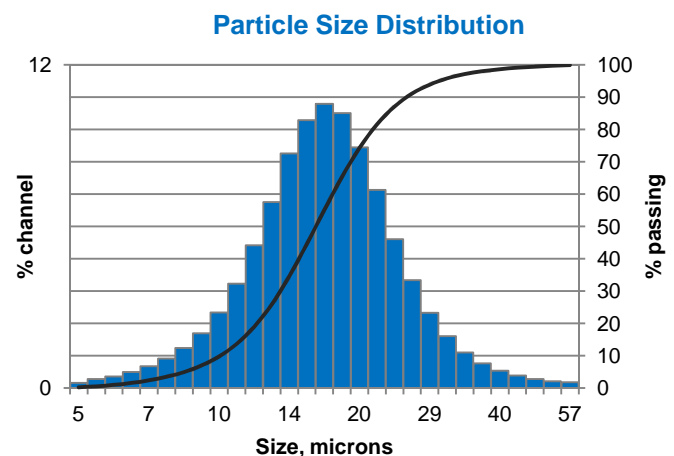
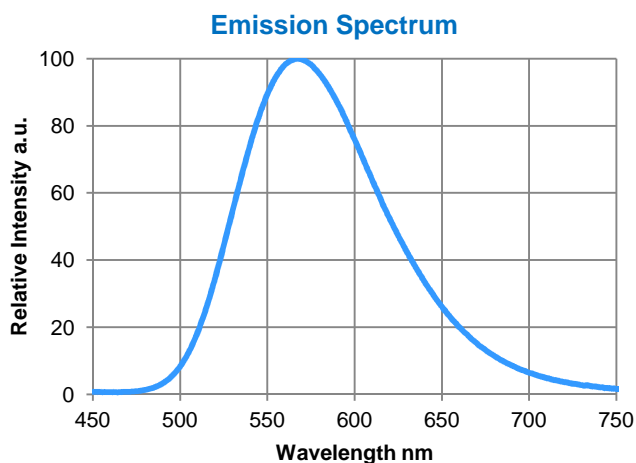


DATASHEET

EY4651

Product Description and Application:

- EY4651 silicate phosphor is designed for low to mid-power white illumination.
- It can be used in combination with other EY series products for color tuning and to achieve a broader emission spectrum. EY4651 can be excited by a wide range of wavelengths from blue to near UV. The deep yellow color allows access to warmer white using a single phosphor.
- EY4651 can be used for high brightness white LEDs in mobile display backlighting, general and task lighting, camera flash, signage, decoration, and automotive applications.



Material Specifications:



Materials	<i>Eu doped Silicates</i>
Density	<i>4.7 g/cm³</i>
Particle Size	<i>D50V ~ 15.5µm</i>
CIE (1931)	<i>x=0.459, y=0.519</i>
Emission Peak	<i>569nm</i>
Excitation Range	<i>200nm to 490nm</i>

INTEMATIX

46430 Fremont Boulevard • Fremont, CA 94538
Tel: +1 (510) 933-3300 • Fax: +1 (510) 668-0793

sales@intematix.com
www.intematix.com