

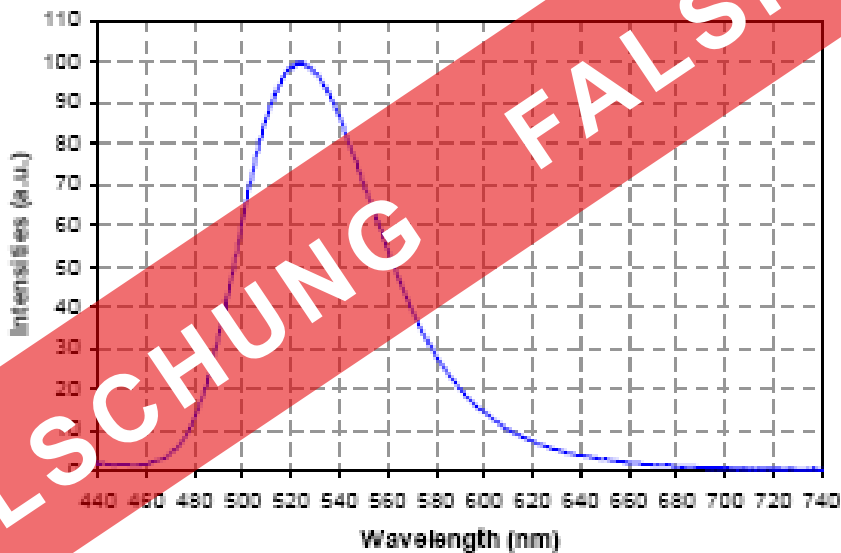


## FA2159 Datasheet

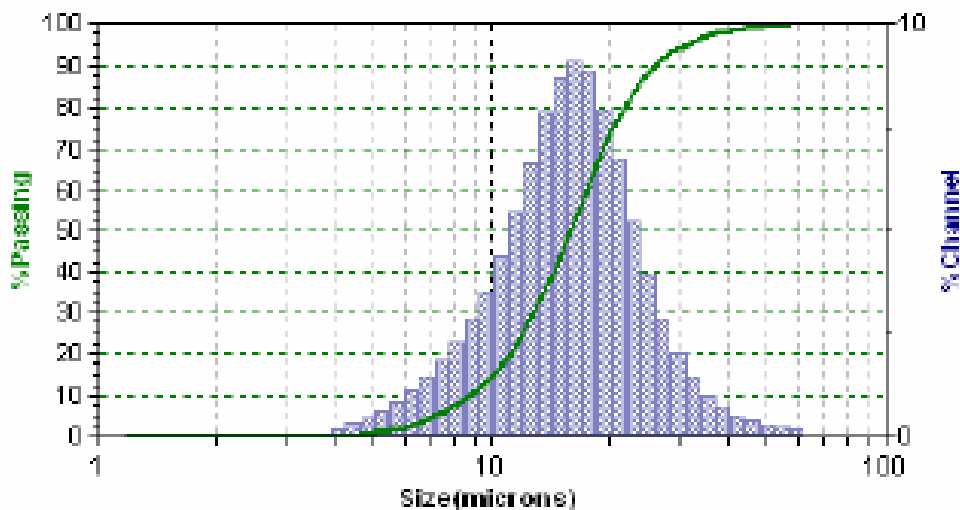
### Product Description and Application

- FA2159 Green phosphor is designed for green illumination devices and is used as one of the components in warm white and other blue-green color applications.
- Higher efficiency is achieved with shorter excitation wavelengths ranging from 200 nm to 430 nm.
- High brightness green LEDs using this phosphor can be used for signals, signage, decoration and RGB display backlight.

### Emission Spectrum



### Particle Size Distribution



## Material Specifications

LITEC Phosphor	SBOSE FA2159
Description	Europium activated Alkaline Earth Orthosilicate
Formula	(Sr,Ba) <sub>2-x</sub> SiO <sub>4</sub> :Eux
Body color	green
Luminescence color	green
Particle size distribution	D50 (V) ~ 15µm
CIE coordination	x=0.279 y=0.628
Emission maximum	524 ± 1 nm
Excitation Range	200 nm to 490nm
Specific gravity	5.0 g/cm <sup>3</sup>
Application	light converter for blue and u.v. LED for color on demand, higher

## Product Photograph



## Headquarter

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