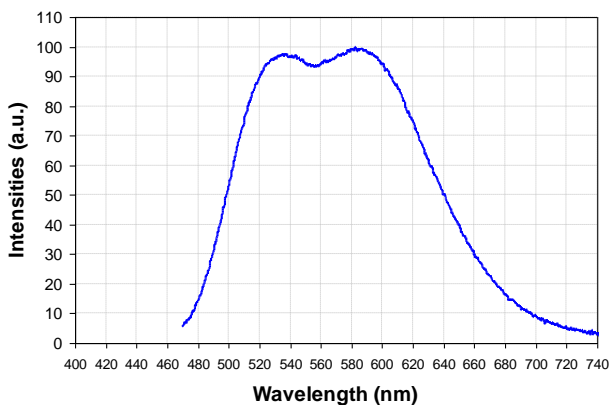


## SY450-B™

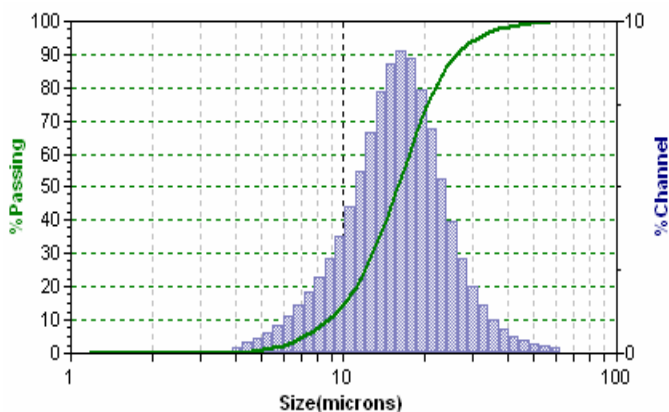
### Product Description and Application:

- SY450-B phosphor is designed for high CRI broad band white illumination devices and is good for cool white applications with high CRI.
- Higher efficiency is achieved in the shorter wavelength ranging from 445nm to 455nm.
- Broad emission covering from 500 to 650nm makes this phosphor ideal for various LED lighting applications.

Emission Spectrum



Particle Size Distribution



### Material Specifications:



Materials	<i>Eu doped Silicates</i>
Density	$4.83 \text{ g/cm}^3$
Particle Size	<i>D50V~ 15μm</i>
CIE (1931)	<i>x=0.437, y=0.524</i>
Emission	<i>500nm to 650nm</i>
Excitation Range	<i>200 nm to 480nm</i>

\* This data is sample data from an Engineering Sample and is for reference only.

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