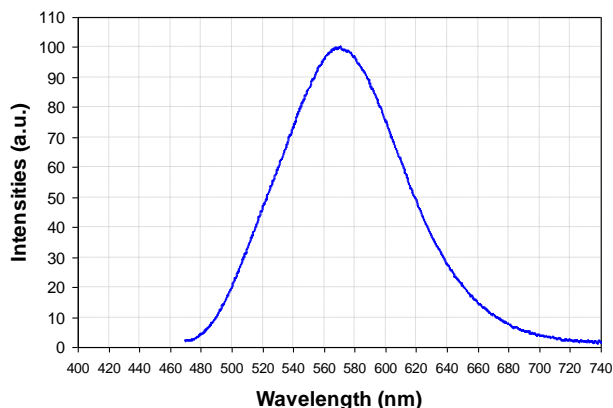


SY450-A™

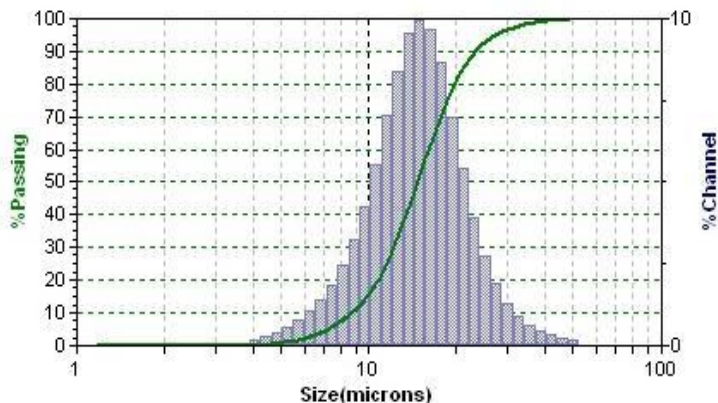
Product Description and Application:

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

Emission Spectrum



Particle Size Distribution



Material Specifications:



Materials	<i>Eu doped Silicates</i>
Density	<i>4.78 g/cm³</i>
Particle Size	<i>D50V~ 15μm</i>
CIE (1931)	<i>x=0.456, 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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