

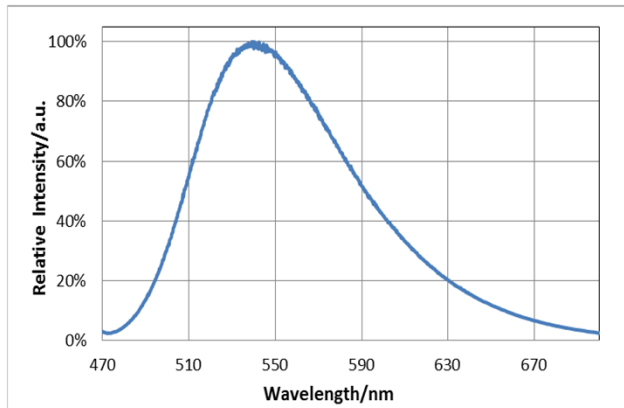
# DATASHEET

## EG3759

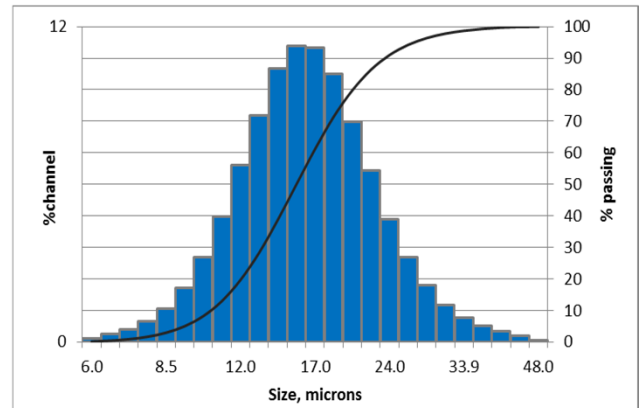
### Product Description and Application

- EG3759 Green phosphor is designed for green illumination devices and is used as one of the components in warm white with higher CRI, back light unit for display with higher NTSC, and other blue-green color applications.
- Higher efficiency is achieved with shorter excitation wavelengths ranging from 200nm to 450nm than longer excitation wavelengths of 460nm to 480nm.
- High brightness green LEDs using this phosphor can be used for signals, signage, decoration and RGB display backlight.

Emission Spectrum



Particle Size Distribution



### Material Specification:



Materials	<i>Eu doped Silicates</i>
Density	<i>4.7 g/cm<sup>3</sup></i>
Particle Size	<i>D50V ~15.5 μm</i>
CIE (1931)	<i>x=0.371, y=0.584</i>
Emission Peak	<i>540 nm</i>
Excitation Range	<i>200nm to 490 nm</i>

For more information about Intematix phosphors please contact your local sales representative.

## INTEMATIX

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