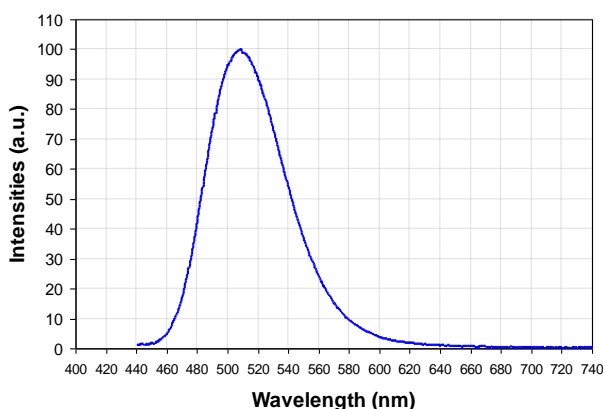


## G1758™

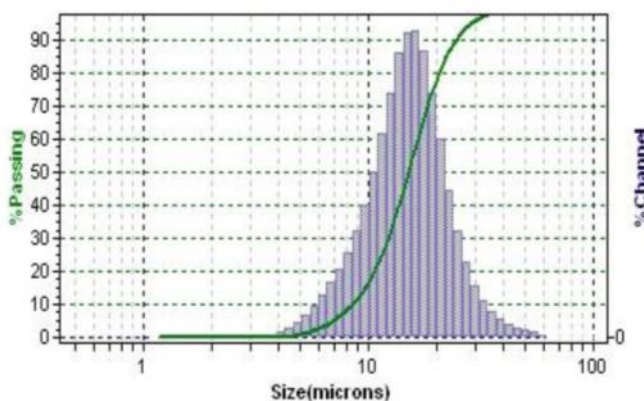
### Product Description and Application:

- G1758 Green phosphor is designed for green illumination devices and is good as one of the components in warm white and other bluish 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 are ideal for various LED lighting applications such as traffic signals, signage, decoration and RGB display backlight.

#### Emission Spectrum



#### Particle Size Distribution



### Material Specifications:



Materials	<i>Eu doped Silicates</i>
Density	<i>5.11 g/cm<sup>3</sup></i>
Particle Size	<i>D50V ~ 15.5µm</i>
CIE (1931)	<i>x=0.175, y=0.561</i>
Emission Peak	<i>507nm</i>
Excitation Range	<i>200 nm to 480nm</i>

## INTEMATIX

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