

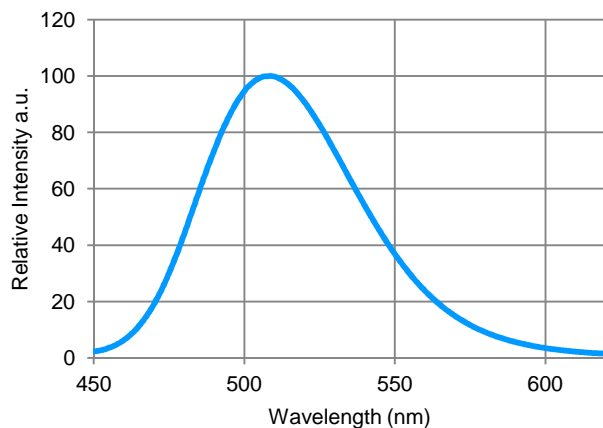
DATASHEET

G1758

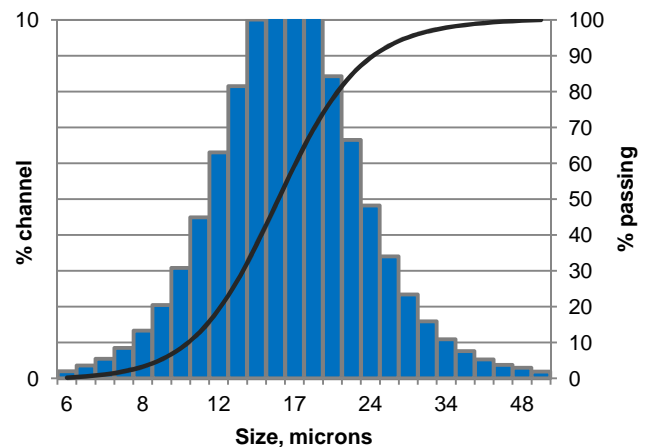
Product Description and Application:

- 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>4.7 g/cm³</i>
Particle Size	<i>D50V ~ 15.5µm</i>
CIE (1931)	<i>x=0.175, y=0.574</i>
Emission Peak	<i>507nm</i>
Excitation Range	<i>200nm to 490nm</i>

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