

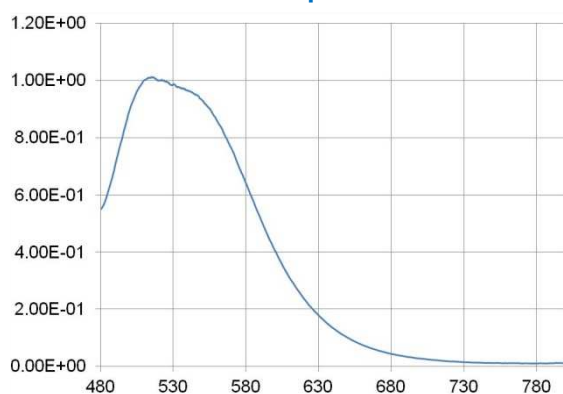
GAL520-01-B12

Product Description and Application:

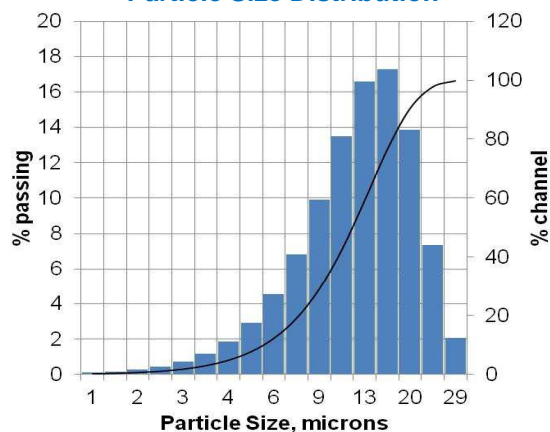
- GAL520 green phosphor is designed for high CRI general lighting applications. As one of the few blue-green phosphors, it is ideal as a component in both warm and cool white blends.
- GAL520 green phosphor has high brightness, superior thermal stability and high reliability, which are all characteristic of Intematix aluminate phosphors.
- Intematix aluminates enable 90+CRI in blends with their red nitrides.

Intematix GAL® phosphor composition is protected by US Patent 8,529,791.

Emission Spectrum



Particle Size Distribution



Material Specifications:



Materials	<i>Aluminates</i>
Density	<i>6.0 g/cm³</i>
Particle Size	<i>D50V ~ 12µm</i>
CIE (1931)	<i>x=0.333, y=0.577</i>
Emission Peak	<i>520nm</i>
Excitation Range	<i>200nm to 480nm</i>

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

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