

DATASHEET

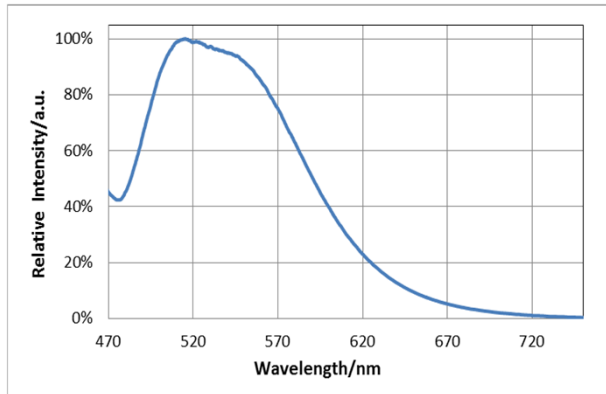
GAL520-02-15

Product Description and Application

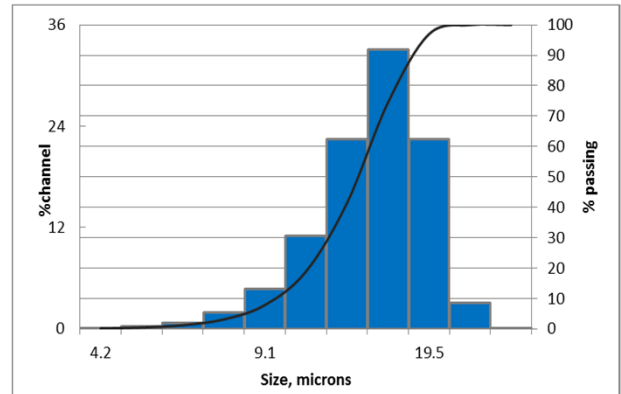
- GAL520-02-15 green phosphor is designed for high CRI general lighting applications. As one of the few blue-green phosphors, it is ideal as a component in both warm and cool white blends.
- GAL520-02-15 green phosphor has high brightness, superior thermal stability and high reliability, which are all characteristics 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 Specification:



Materials	<i>Aluminates</i>
Density	<i>6.0 g/cm³</i>
Particle Size	<i>D50V ~ 15 μm</i>
CIE (1931)	<i>x=0.332, y=0.577</i>
Emission Peak	<i>522 nm</i>
Excitation Range	<i>200nm to 480 nm</i>

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

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