

DATASHEET

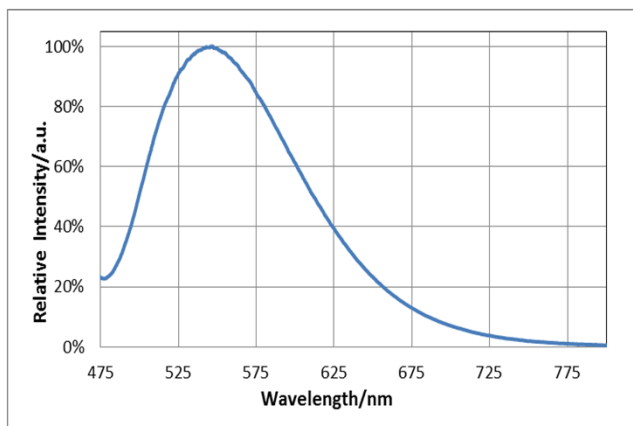
GAL545-03-15

Product Description and Application

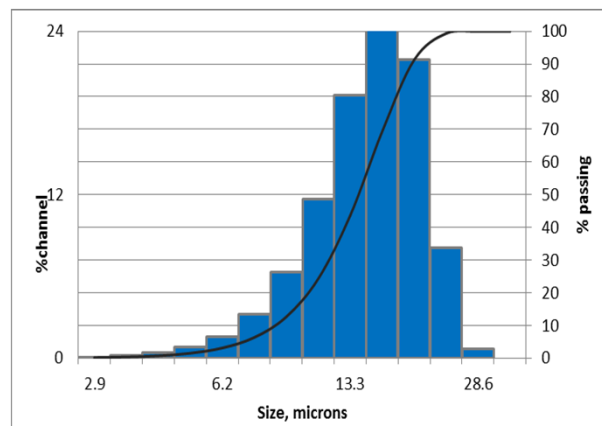
- GAL545-03-15 yellow phosphor is designed for high CRI general lighting applications and is excellent as a component in either cool white or warm white blends.
- GAL545-03-15 yellow phosphor has high brightness, superior thermal stability and high reliability, which are all characteristics of Intematix aluminate phosphors.
- Intematix aluminates enable 80+ CRI in blends with their red nitrides.

Intematix GAL® phosphor composition is protected by US Patent 8,475,683.

Emission Spectrum



Particle Size Distribution



Material Specification:



Materials	<i>Aluminates</i>
Density	<i>6.0 g/cm³</i>
Particle Size	<i>D50V ~15.0 μm</i>
CIE (1931)	<i>x=0.394, y=0.556</i>
Emission Peak	<i>545 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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