

DATASHEET

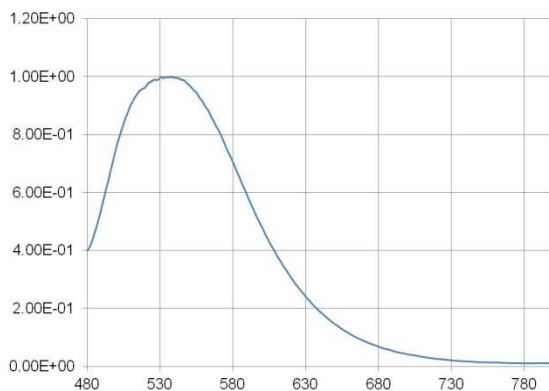
GAL535-L

Product Description and Application:

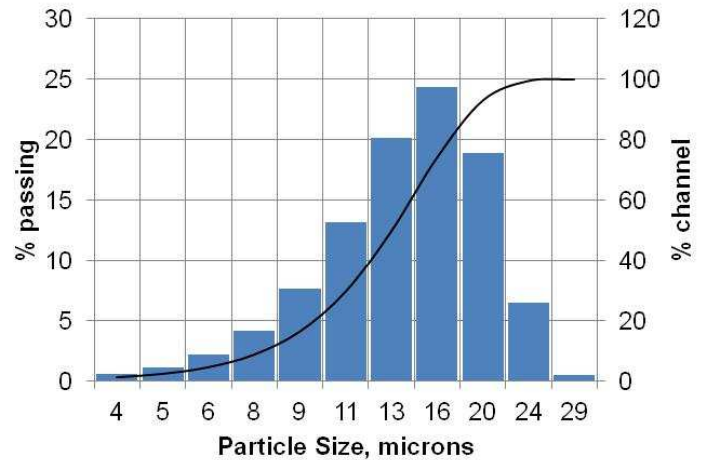
- GAL535 green phosphor is designed for high CRI general lighting applications and is the best green phosphor available for illumination in the market.
- GAL535 green phosphor has high brightness, superior thermal stability and high reliability, which are all characteristics of Intematix aluminate phosphors.
- GAL535-L phosphor has large and uniform particle size for superior higher efficiency.
- 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	Aluminates
Density	6.0 g/cm ³
Particle Size	D50V ~ 14µm
CIE (1931)	x=0.354, y=0.570
Emission Peak	534nm
Excitation Range	200nm to 480nm

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

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