

DATASHEET

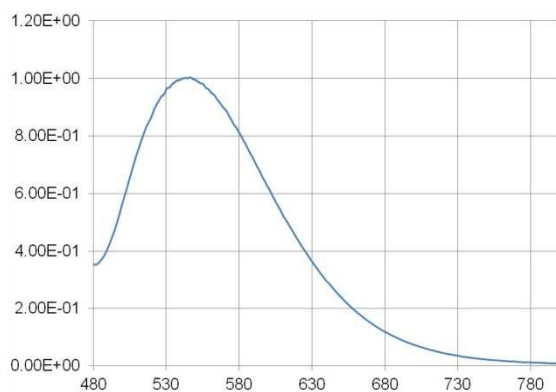
GAL545

Product Description and Application:

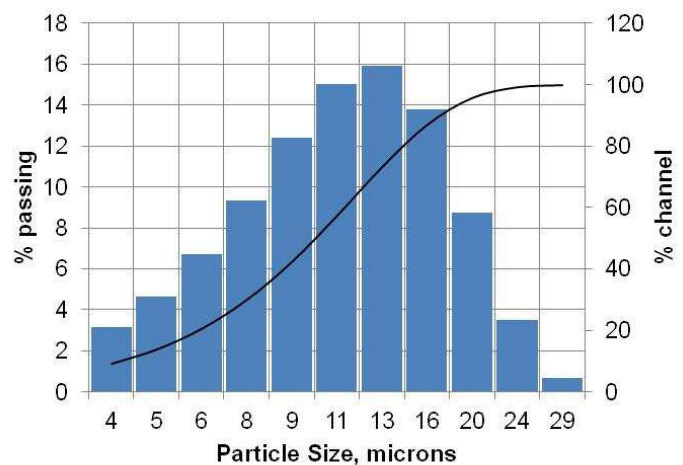
- GAL545 Green phosphor is designed for high CRI general lighting applications and can be blended with an Intematix red nitride to create a superior warm white.
- The long lifetime and high thermal stability of GAL phosphors make them ideal for high power LED applications.
- Intematix aluminates enable 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 ~ 10µm
CIE (1931)	x=0.395, y=0.555
Emission Peak	545nm
Excitation Range	200nm to 480nm

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

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