

DATASHEET

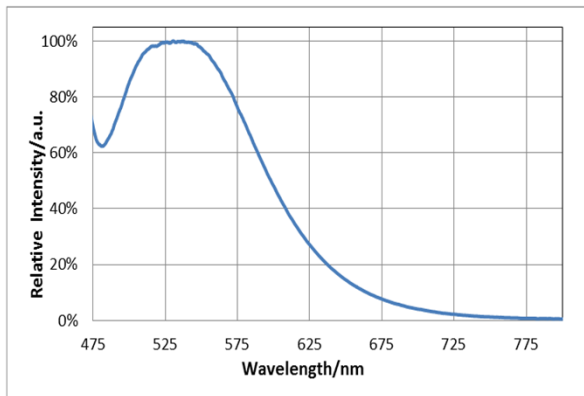
GAL530-01-05

Product Description and Application

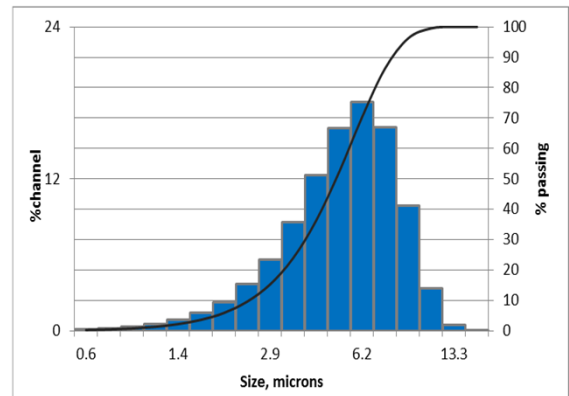
- GAL530-01-05 green phosphor is designed for high CRI general lighting applications and can be used as one of the components in warm white.
- GAL530-01-05 green phosphor has high brightness, superior thermal stability and high reliability, which are all characteristics of Intematix aluminate phosphors.
- 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 ~5.5 μm</i>
CIE (1931)	<i>x=0.354, y=0.573</i>
Emission Peak	<i>530 nm</i>
Excitation Range	<i>200nm to 480 nm</i>

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

INTEMATIX

46410 Fremont Boulevard Fremont, CA 94538
Tel: +1 (510) 933-3300 Fax: +1 (510) 668-0793

sales@intematix.com
www.intematix.com