

# DATASHEET

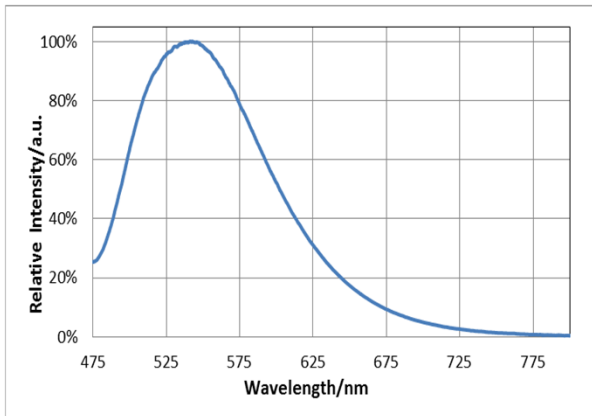
## GAL540-03-18

### Product Description and Application

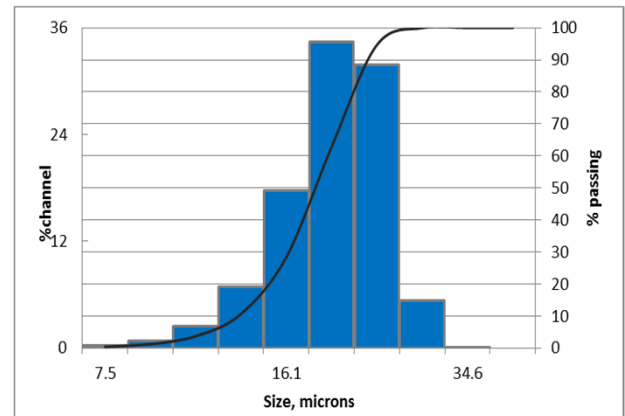
- GAL540-03-18 green phosphor has a broad emission spectrum designed for general lighting applications and is excellent as a component in either cool white or warm white blends.
- The long lifetime and high thermal stability of GAL phosphors make them ideal for high power LED applications.
- Intematix 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 Specification:



Materials	Aluminates
Density	6.0 g/cm <sup>3</sup>
Particle Size	D50V ~ 18.0 μm
CIE (1931)	x=0.371, y=0.565
Emission Peak	540 nm
Excitation Range	200nm to 480 nm

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