

# DATASHEET

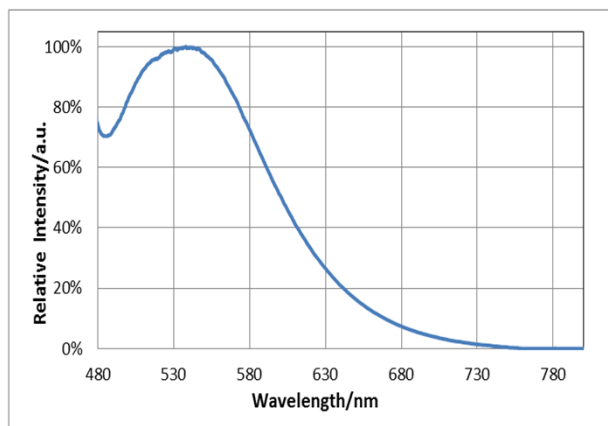
## GAL536-01-05

### Product Description and Application

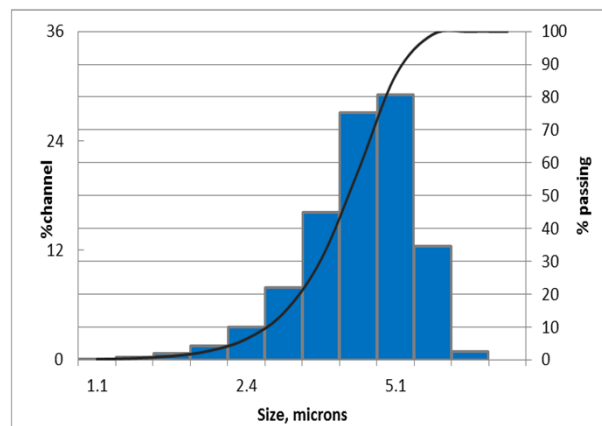
- GAL536-01-05 green phosphor is designed for high CRI general lighting applications and can be used as one of the components in warm white.
- GAL536-01-05 green phosphor has high brightness, superior thermal stability and high reliability, which are all characteristics of Intematix aluminate phosphors.
- 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:



<b>Materials</b>	<i>Aluminates</i>
<b>Density</b>	<i>6.0 g/cm<sup>3</sup></i>
<b>Particle Size</b>	<i>D50V ~4.5 μm</i>
<b>CIE (1931)</b>	<i>x=0.364, y=0.571</i>
<b>Emission Peak</b>	<i>535 nm</i>
<b>Excitation Range</b>	<i>200nm to 480 nm</i>

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

## INTEMATIX

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