

# DATASHEET

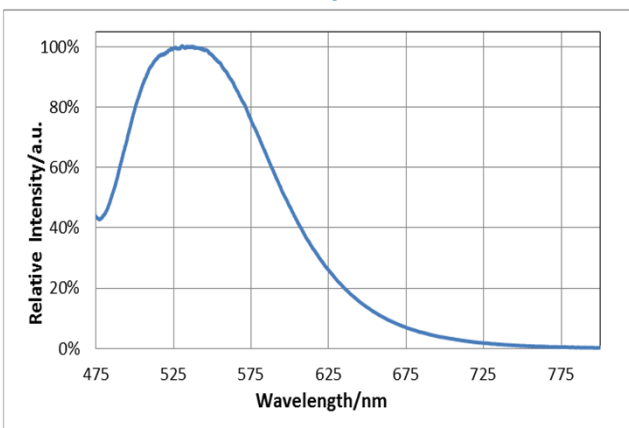
## GAL537

### Product Description and Application

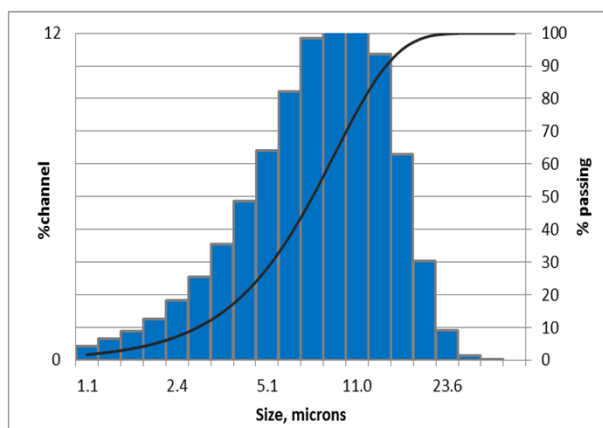
- GAL537 green phosphor is designed for high CRI general lighting applications and can be used as one of the components in warm white.
- GAL537 green phosphor has high brightness, superior thermal stability and high reliability, which are all characteristics of Intematix aluminate phosphors.
- Intematix 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 ~7.5 μm</i>         |
| <b>CIE (1931)</b>       | <i>x=0.366, y=0.568</i>     |
| <b>Emission Peak</b>    | <i>537 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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