

# DATASHEET

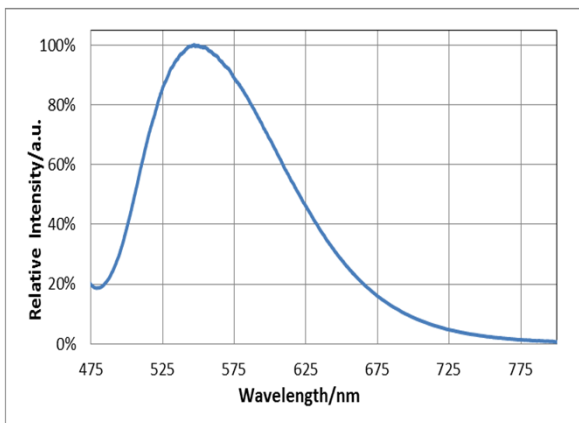
## GAL550-02-13

### Product Description and Application

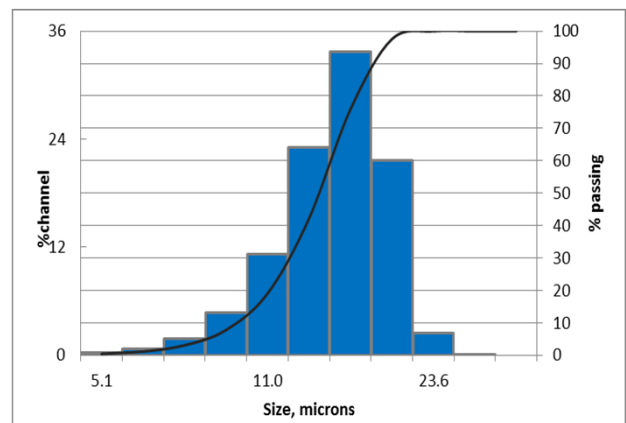
- GAL550-02-13 yellow phosphor has a broad emission spectrum designed for general lighting and display backlighting applications where high brightness is a key requirement.
- GAL550-02-13 can also be blended with Intematix red nitrides in either cool white or warm white blends to enhance efficacy..
- GAL550-02-13 yellow phosphor has high brightness, superior thermal stability and high reliability, which have all characteristics of Intematix aluminate phosphors..

**Intematix GAL® phosphor composition is protected by US Patent 8,475,683.**

**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 ~14.0 μm</i>
<b>CIE (1931)</b>	<i>x=0.415, y=0.549</i>
<b>Emission Peak</b>	<i>550 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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